

ANEXO III

CENTRO DE CIÊNCIAS

PRODUÇÃO CIENTÍFICA EM PERIÓDICOS - 2021

QUALIS A1

- 1- LAVOR, IR ; CAVALCANTE, LSR ; CHAVES, A ; PEETERS, FM ; VAN DUPPEN, B. PROBING the structure and composition of van der Waals heterostructures using the nonlocality of Dirac plasmons in the terahertz regime 2D MATERIALS – V.: 8. p015014 - 2021
- 2- ARAUJO, A.; MONTEIRO, J.M.B; Brayner, A.; Main Memory Database Recovery. ACM COMPUTING SURVEYS, v. 54, p. 1-36, 2021.
- 3- MONTEIRO, J. M.; BRAYNER, A. ; ARAUJO, A. H. M. . Main Memory Database Recovery. ACM COMPUTING SURVEYS, v. 54, p. 1-36, 2021.
- 4- GUO, HH; FU, MS; ZHOU, D; DU, C; WANG, PJ; PANG, LX; LIU, WF; SOMBRA, ASB; SU, JZ. Design of a High-Efficiency and -Gain Antenna Using Novel Low-Loss, Temperature-Stable $\text{Li}_2\text{Ti}_{1-x}(\text{Cu}_{1/3}\text{Nb}_{2/3})_x\text{O}_3$ Microwave Dielectric Ceramics. ACS APPLIED MATERIALS & INTERFACES - Volume: 13, 912-923 2021.
- 5- SCOLFARO, D. ; FINAMOR, M. ; TRINCHÃO, L. O. ; ROSA, B.L. T. ; CHAVES, A.; SANTOS, P. V. ; IIKAWA, F. ; COUTO, O.D. D. Acoustically Driven Stark Effect in Transition Metal Dichalcogenide Monolayers. ACS NANO , v. 15, p. 15371-15380, 2021.
- 6- NASCIMENTO, V. V. ; NEVES, W. Q. ; ALENCAR, R. S. ; LI, G.; FU, C. HADDON, R.C. ; BEKYAROVA, E. GUO, J. ; ALEXANDRE, S. S. ; NUNES, R. W. ; Souza Filho, Antonio G. ; FANTINI, CRISTIANO. Origin of the Giant Enhanced Raman Scattering by Sulfur Chains Encapsulated inside Single-Wall Carbon Nanotubes. ACS NANO, v. 15, p. 8574-8582, 2021.
- 7- NORONHA, V. T. ; CAMARGOS, C. H. M. ; JACKSON, J.C. ; SOUZA FILHO, A. G. ; PAULA, A. J. ; REZENDE, C. A. ; FARIA, A. F. . Physical Membrane-Stress-Mediated Antimicrobial Properties of Cellulose Nanocrystals. ACS SUSTAINABLE CHEMISTRY & ENGINEERING, v. 9, p. 3203-3212, 2021.
- 8- JACKSON, JC; CAMARGOS, CHM; NORONHA, VT; PAULA, AJ; REZENDE, CA; FARIA, AF. Sustainable Cellulose Nanocrystals for Improved Antimicrobial Properties of

Thin Film Composite Membranes. ACS SUSTAINABLE CHEMISTRY & ENGINEERING
- Volume: 9, 6534-6540, 2021.

- 9- ALBUQUERQUE, J.C. S.; Araújo, M.L.H.; ROCHA, M VP; DE SOUZA, B; SILVA, W.; DE CASTRO, G. M.C.; CORDEIRO, E.M. S.; SILVA, J.S.; BENEVIDES,N.M.B. Acid hydrolysis conditions for the production of fine chemicals from Gracilaria birdiae alga biomass. Algal Research-BIOMASS BIOFUELS AND BIOPRODUCTS, v. 53, p. 102139, 2021.
- 10- CAMPELO, M, MATIAS, JAS . Using the minimum maximum flow degree to approximate the flow coloring problem. ANNALS OF OPERATIONS RESEARCH, 2021.
- 11- DA SILVA, F.A.R.; DOS SANTOS, R.C.R.; NUNES, RS.; VALENTINI, A.. Role of tin on the electronic properties of Ni/Al₂O₃ catalyst and its effect over the methane dry reforming reaction. APPLIED CATALYSIS A-GENERAL, v. 618, p. 118129, 2021.
- 12- DE FREITAS, D. B.; LANZA, A. F. ; GOMES, F. O.S. ; DAS CHAGAS, M. L. . Multiscale behaviour of stellar activity and rotation of the planet host Kepler-30. ASTRONOMY & ASTROPHYSICS, v. 650, p. A40, 2021.
- 13- BLUNDO, C.C.; GRAU, J., MALIZIA, R.; MALIZIA,A.; OSINAGA-ACOSTA, L.; BIRD, O; BRADFORD, M.; CATCHPOLE, M.; FORD, D.; GRAHAM, A.; HILBERT, A.; KEMP, D.; LAURANCE, J.; LAURANCE, S; ISHIDA, W.; MARSHALL, F.Y.; WAITE, A.; WOELL, C.; BASTIN,H.; BAUTERS, J-F; BEECKMAN, M.; BOECKX, H.; BOGAERT, P; JAN DE CANNIERE, CHARLES , et al. ; Taking the pulse of Earth's tropical forests using networks of highly distributed plots. BIOLOGICAL CONSERVATION, v. x, p. 108849-xx, 2021.
- 14- LIMA, GD; LIMA, JRD; PRAZERES, GMP; PASCHOAL, CWA ;; TANAKA, AA; MACIEL, AP; BARBOSA, DAB; ALMEIDA, MAP - Biomolecule-assisted route to obtain nanostructured bismuth oxybromide with enhanced photocatalytic activity . BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO - Volume: 60 , 2-12, 2021
- 15- MARQUES, G.A. ; GOMES, I.R. O desenvolvimento sócio-espacial da agricultura urbana e periurbana (AUP) na cidade de Fortaleza, Ceará: análise das ações institucionais locais. BOLETIM GOIANO DE GEOGRAFIA, v. 41, p. 1-23, 2021.
- 16- JOSINO, MARIA APARECIDA ALEXANDRE; ROCHA DA SILVA, CECÍLIA; DE ANDRADE NETO, JOÃO BATISTA; BARROSO, FÁTIMA DAIANA DIAS; JUVÊNCIO DA SILVA, LISANDRA; CAVALCANTI, BRUNO COÊLHO; DE MORAES, MANOEL ODORICO; BRITO, DÉBORA HELLEN ALMEIDA; Ricardo, Nágila Maria Pontes Silva; JÚNIOR, HÉLIO VITORIANO NOBRE. Development and in vitro evaluation of microparticles of fluoxetine in galactomannan against biofilms of S. aureus methicilin resistant. CARBOHYDRATE POLYMERS, v. 252, p. 117184, 2021.

- 17- OLIVEIRA, ANTÔNIA CARLA DE JESUS; CHAVES, LUÍSE LOPES; RIBEIRO, FÁBIO DE OLIVEIRA SILVA; DE LIMA, LAÍS RAMOS MONTEIRO; OLIVEIRA, THAISA CARDOSO; GARCÍA-VILLÉN, FÁTIMA; VISERAS, CÉSAR; de Paula, Regina C.M.; ROLIM-NETO, PEDRO JOSÉ; HALLWASS, FERNANDO; SILVA-FILHO, EDSON C.; ALVES DA SILVA, DURCILENE; SOARES-SOBRINHO, JOSÉ LAMARTINE; SOARES, MÔNICA FELTS DE LA ROCA. Microwave-initiated rapid synthesis of phthalated cashew gum for drug delivery systems. CARBOHYDRATE POLYMERS, v. 254, p. 117226, 2021.
- 18- SOUSA, ALEXANDRE C.C.; ROMO, ADOLFO I.B.; ALMEIDA, RAIMUNDO R.; SILVA, AIÊRTA C.C.; FECHINE, LILLIAN M.U.; BRITO, DÉBORA H.A.; FREIRE, RAFAEL M.; PINHEIRO, DANIEL P.; SILVA, LARISSA M.R.; PESSOA, OTÍLIA D.L.; DENARDIN, JULIANO C.; PESSOA, CLAUDIA; Ricardo, Nágila M.P.S. Starch-based magnetic nanocomposite for targeted delivery of hydrophilic bioactives as anticancer strategy. CARBOHYDRATE POLYMERS, v. 264, p. 118017, 2021.
- 19- PEREIRA, LINDAURO C.; NASCIMENTO, FERNANDO G.; OLIVEIRA, SAMARA R.B.D.; LIMA, GLAUBER C.; CHAGAS, FRANCISCO DIEGO S.; SOMBRA, VENICIOS G.; Feitosa, Judith P.A.; SORIANO, ELIANE M.; SOUZA, MARCELLUS H.L.P.; ZOCCOLO, GUILHERME J.; SILVA, LORENA M.A.; DE PAULA, REGINA C.M.; DAMASCENO, RENAN O.S.; FREITAS, ANA LÚCIA P. Protective effect against gastric mucosa injury of a sulfated agar from *Acanthophora spicifera*. CARBOHYDRATE POLYMERS, v. 261, p. 117829, 2021.
- 20- ALENCAR, R.S. ; AGUIAR, A.L. ; FERREIRA, R.S. ; CHAMBARD, R. ; JOUSSELME, B. ; BANTIGNIES, J.-L. ; WEIGEL, C. ; CLÉMENT, S. ; AZNAR, R. ; MACHON, D. ; Souza Filho, A.G. ; SAN-MIGUEL, A. ; ALVAREZ, L. . Raman resonance tuning of quaterthiophene in filled carbon nanotubes at high pressures. CARBON, v. 173, p. 163-173, 2021.
- 21- AMARAL, I.R. ; FORESTIER, A. ; PIEDNOIR, A. ; GALAFASSI, R. ; BOUSIGE, C. ; MACHON, D. ; PIERRE-LOUIS, O. ; R.S.Alencar, ; SOUZA, A. G. ; SAN-MIGUEL, A. . Delamination of multilayer graphene stacks from its substrate through wrinkle formation under high pressures. CARBON, v. 185, p. 242-251, 2021.
- 22- DE FREITAS PAULO, TÉRCIO ; DUHAYON, CARINE ; DE FRANÇA LOPES, LUIZ GONZAGA ; SILVA SOUSA, EDUARDO HENRIQUE ; CHAUVIN, REMI ; BERNARDES-GÉNISSON, VANIA . Further Insights into the Oxidative Pathway of Thiocarbonyl-Type Antitubercular Prodrugs: Ethionamide, Thioacetazone, and Isoxyl. CHEMICAL RESEARCH IN TOXICOLOGY, v. 34, p. 1879-1889, 2021.
- 23- VIEIRA, LEONARDO ; Hissa, Denise Cavalcante ; SOUZA, TEREZINHA ; GONÇALVES, ÍRIS FLÁVIA SOUSA ; EVARISTO, JOSEPH ALBERTO MEDEIROS ; NOGUEIRA, FÁBIO CÉSAR SOUSA ; CARVALHO, ANA FONTENELE URANO ;

FARIAS, DAVI . Assessing the effects of an acute exposure to worst-case concentration of Cry proteins on zebrafish using the embryotoxicity test and proteomics analysis. CHEMOSPHERE, v. 264, p. 128538, 2021.

- 24-FERNÁNDEZ-BOBADILLA, J. ; HEINZE, S. ; PE-PEREIRA, M. ; SAMPAIO, JOSÉ EDSON . Moderately Discontinuous Homology. Communications on Pure and Applied Mathematics, v. online, p. 1-78, 2021.
- 25-MAIA, ADYSON M. ; GHAMRI-DOUDANE, YACINE ; VIEIRA, DARIO ; **DE CASTRO, MIGUEL F.** . An improved multi-objective genetic algorithm with heuristic initialization for service placement and load distribution in edge computing. COMPUTER NETWORKS, v. 194, p. 108146, 2021.
- 26-CAMPÊLO, MANOEL; FIGUEIREDO, TATIANE FERNANDES. Integer programming approaches to the multiple team formation problem. COMPUTERS & OPERATIONS RESEARCH, v. 133, p. 105354, 2021.
- 27-GONZAGA DE FRANÇA LOPES, LUIZ ; GOUVEIA JÚNIOR, FLORÊNCIO S. ; KARINE MEDEIROS HOLANDA, ALDA ; MARIA MOREIRA DE CARVALHO, IDALINA ; LONGHINOTTI, Elisane ; PAULO, TÉRCIO F. ; ABREU, DIERIC S. ; BERNHARDT, PAUL V. ; GILLES-GONZALEZ, MARIE-ALDA ; CIRINO NOGUEIRA DIÓGENES, IZAURA ; HENRIQUE SILVA SOUSA, EDUARDO . Bioinorganic systems responsive to the diatomic gases O₂, NO, and CO: From biological sensors to therapy. COORDINATION CHEMISTRY REVIEWS, v. 445, p. 214096, 2021.
- 28-ALVES, KAMILA; HONORATO, JOÃO; LIÃO, LUCIANO MORAIS; VELOZO-SÁ, VIVIANNE DE SOUZA; PEREIRA MUNDIM GUEDES, ADRIANA; DUTRA, JOCELY DE LUCENA; AYALA, ALEJANDRO PEDRO; ELLENA, JAVIER A; BATISTA, ALZIRA; GONÇALVES, PABLO JOSÉ. Meso -tetra-(4-pyridyl)porphyrin/Palladium(II) Complexes as Anticancer Agents. DALTON TRANSACTIONS, v. n/a, p. n/a, 2021.
- 29-NETO, ANTONIO DE BRITO SANTIAGO ; ALVES DA CRUZ, MARCIA GABRIELY ; JEANNEAU, ERWANN ; OLIVEIRA, ALCINEIA CONCEIÇÃO ; ESSAYEM, NADINE ; MISHRA, SHASHANK . Designed sol-gel precursors for atomically dispersed Nb and Pb within TiO₂ as catalysts for dihydroxyacetone transformation. DALTON TRANSACTIONS, v. 50, p. 1604-1609, 2021.
- 30-ROMO, AIB; CAREPO, MP; LEVIN, P .; NASCIMENTO, OR .; DIAZ, DE; RODRIGUEZ-LOPEZ, J.; LEON, IE.; BEZERRA, LF.; LEMUS, L.; DIOGENES, ICN. Synergy of DNA intercalation and catalytic activity of a copper complex towards improved polymerase inhibition and cancer cell cytotoxicity. DALTON TRANSACTIONS, 2021.

- 31-OLIVEIRA, JULIENE TOMÉ ; DE SOUSA, MIKAELLY CABRAL ; MARTINS, IGOR ALVES ; DE SENA, LUIZA MARIA GOMES ; NOGUEIRA, TIAGO ROCHA ; VIDAL, CARLA BASTOS ; NETO, ELIEZER FARES ABDALA ; ROMERO, FRANCISCO BELMINO ; CAMPOS, OTHON SOUTO ; do Nascimento, Ronaldo Ferreira . Electrocoagulation/oxidation/flotation by direct pulsed current applied to the removal of antibiotics from Brazilian WWTP effluents. ELECTROCHIMICA ACTA, v. x, p. 138499, 2021.
- 32-GADELHA, CIBELLE GOMES ; COUTINHO, ÍTALO ANTÔNIO COTTA ; PINHEIRO, SERGIMAR KENNEDY DE PAIVA ; MIGUEL, EMILIO DE CASTRO ; CARVALHO, HUMBERTO HENRIQUE DE ; LOPES, LINEKER DE SOUSA ; GOMES-FILHO, ENÉAS. Sodium uptake and transport regulation, and photosynthetic efficiency maintenance as the basis of differential salt tolerance in rice cultivars. ENVIRONMENTAL AND EXPERIMENTAL BOTANY, v. 192, p. 104654, 2021.
- 33-SOUSA, RIKAEELY T. ; PAIVA, ANA L.S. ; CARVALHO, FABRICIO E.L. ; ALENCAR, VICENTE T.C.B. ; SILVEIRA, JOAQUIM A.G. . Ammonium overaccumulation in senescent leaves as a novel exclusion mechanism to avoid toxicity in photosynthetically active rice leaves. ENVIRONMENTAL AND EXPERIMENTAL BOTANY, v. 186, p. 104452, 2021.
- 34-FREIRE, FRANCISCO BRUNO S. ; BASTOS, RICARDO L.G. ; BRET, RAISSA S.C. ; CÂNDIDO-SOBRINHO, SILVIO A. ; MEDEIROS, DAVID B. ; ANTUNES, WERNER C. ; Fernie, Alisdair R. ; Daloso, Danilo M. . Mild reductions in guard cell sucrose synthase 2 expression leads to slower stomatal opening and decreased whole plant transpiration in *Nicotiana tabacum* L. ENVIRONMENTAL AND EXPERIMENTAL BOTANY, v. 184, p. 104370-14, 2021
- 35-LIMA, Y Symbolic dynamics for non-uniformly hyperbolic systems. ERGODIC THEORY AND DYNAMICAL SYSTEMS, 2021.
- 36-CUNHA, JO; MELO, RA. Valid inequalities, preprocessing, and an effective heuristic for the uncapacitated three-level lot-sizing and replenishment problem with a distribution structure. EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, 2021.
- 37-SIQUEIRA, MMR ;FREIRE, PDC ; CRUZ, BG ;DE FREITAS, ; BANDEIRA, PN ; DOS SANTOS, HS; NOGUEIRA, CES ; TEIXEIRA, AMR ;, RLS ; XAVIER, JD; CAMPINA, FF ; BARBOSA, CRD ; NETO, JBD ; DA SILVA, MMC ; SIQUEIRA, JP;COUTINHO, HDM ; Aminophenyl chalcones potentiating antibiotic activity and inhibiting bacterial efflux pump. EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, 2021.

- 38- VASCONCELOS, T. P. ; DE SOUZA, DANIEL AUGUSTO R.M.A. ; VIRGOLINO, GUSTAVO C. DE M. ; MATTOS, CÉSAR L.C. ; GOMES, JOÃO P.P. Self-tuning portfolio-based Bayesian optimization. EXPERT SYSTEMS WITH APPLICATIONS, v. pp, p. 115847-1, 2021.
- 39- PRATA, BRUNO DE ATHAYDE ; RODRIGUES, CARLOS DIEGO ; FRAMINAN, JOSE MANUEL . A differential evolution algorithm for the customer order scheduling problem with sequence-dependent setup times. EXPERT SYSTEMS WITH APPLICATIONS, v. 189, p. 116097, 2022.
- 40- MARTINS, WANDERSON DA SILVA ; DE ARAÚJO, JAYURI SUSY FERNANDES ; FEITOSA, BRUNO FONSÊCA ; OLIVEIRA, JÉSSICA RIBEIRO ; KOTZEBUE, LLOYD RYAN VIANA ; AGOSTINI, DEUBER LINCON DA SILVA ; DE OLIVEIRA, DIEGO LOMONACO VASCONCELOS ; MAZZETTO, SELMA ELAINE ; CAVALCANTI, MÔNICA TEJO ; DA SILVA, ANDRÉ LEANDRO . Lemongrass (*Cymbopogon citratus* DC. Stapf) essential oil microparticles: Development, characterization, and antioxidant potential. FOOD CHEMISTRY, v. 355, p. 129644, 2021.
- 41- DA C. LIMA, TATIANE ; SANTOS, RAULEM S. ; SILVA, SIMONE Y.S. ; DE A. SANTOS, DARLISSON ; DA C. SILVA, SEBASTIÃO ; DE A. GOMES, ADRIANO ; CONCEIÇÃO F. OLIVEIRA, MARIA ; ALVES, KÉZIA F. ; PINTO, LICARION ; OLIVEIRA, MARILENE N. VOCs profile of *Colletotrichum* spp. as a potential tool for quality control of açai pulp. FOOD CHEMISTRY, v. 1, p. 130150-130150, 2021.
- 42- GOMES, HIAGO DE O. ; CARDOSO, ROSENI DA S. ; DA COSTA, JOSÉ GALBERTO M. ; ANDRADE DA SILVA, VITOR P. ; NOBRE, CRISIANA DE A. ; PEREIRA TEIXEIRA, RAIMUNDO N. ; DO NASCIMENTO, RONALDO F. . Statistical evaluation of analytical curves for quantification of pesticides in bananas. FOOD CHEMISTRY, v. 345, p. 128768, 2021.
- 43- MANUEL, MONIS NEVES BAPTISTA ; DA SILVA, ADENILTON CAMILO ; LOPES, GISELE SIMONE ; RIBEIRO, LÍVIA PAULIA DIAS . One-class classification of special agroforestry brazilian coffee using NIR spectrometry and chemometric tools. FOOD CHEMISTRY, v. 366, p. 130480, 2021.
- 44- DA SILVA, FRANCISCO L.F.; NETO, DAVINO M. ANDRADE; DE MENEZES, FERNANDO L.; SA, IVERO P.; DE HIGUERA, JULYMAR M.; FECHINE, PIERRE B.A.; DA COSTA, LUEL C S.; NOGUEIRA, ANA R.A.; LOPES, GISELE S.; MATOS, WLADIANA O. Non-chromatographic arsenic speciation analyses in wild shrimp (*Farfantepenaeus brasiliensis*) using functionalized magnetic iron-nanoparticles. FOOD CHEMISTRY, v. 345, p. 128781, 2021.
- 45- ALCÂNTARA, DANIEL B. ; DIONÍSIO, ANA P. ; ARTUR, ADRIANA G. ; K. S. SILVEIRA, BRENDA ; LOPES, AMANDA F. ; A. C. GUEDES, JHONYSON ; LUZ,

- LÍCIA R. ; Nascimento, Ronaldo F. ; LOPES, GISELE S. ; H. M. HERMSDORFF, HELEN ; ZOCOLO, GUILHERME J. . Selenium in Brazil nuts: an overview of agronomical aspects, recent trends in analytical chemistry, and health outcomes. *FOOD CHEMISTRY*, v. x, p. 131207, 2021.
- 46- LIMA, PATRÍCIA G.; FREITAS, CLEVERSON D.T.; OLIVEIRA, J.T.A.; NETO, NILTON A.S.; AMARAL, JACKSON L.; SILVA, AYRLES F.B.; SOUSA, JEANLEX S.; Franco, Octávio L.; SOUZA, PEDRO F.N. Synthetic antimicrobial peptides control *Penicillium digitatum* infection in orange fruits. *FOOD RESEARCH INTERNATIONAL*, v. 147, p. 110582, 2021.
- 47- NASCIMENTO, T. C. E. S. ; MOLINO, J. V. D. ; DONADO, P. R. ; MONTALVO, G. S. A. ; SANTOS, W. L. ; GOMES, JOSÉ ERICK GALINDO ; DA SILVA, ROBERTO ; SETTE, L. D. ; PESSOA JUNIOR, A. ; MOREIRA, K. A. . Antarctic fungus proteases generate bioactive peptides from caseinate. *FOOD RESEARCH INTERNATIONAL*, v. 139, p. 109944, 2021.
- 48- ARNHOLDT-SCHMITT, BIRGIT ; MOHANAPRIYA, GUNASEKARAN ; BHARADWAJ, REVURU ; NOCEDA, CARLOS ; MACEDO, ELISETE SANTOS ; SATHISHKUMAR, RAMALINGAM ; GUPTA, KAPUGANTI JAGADIS ; SIRCAR, DEBABRATA ; KUMAR, SARMA RAJEEV ; SRIVASTAVA, SHIVANI ; ADHOLEYA, ALOK ; THIERS, KARINELEITÃO LIMA ; AZIZ, SHAHID ; VELADA, ISABEL ; OLIVEIRA, MANUELA ; QUARESMA, PAULO ; ACHRA, ARVIND ; GUPTA, NIDHI ; KUMAR, ASHWANI ; COSTA, JOSÉ HÉLIO . From Plant Survival Under Severe Stress to Anti-Viral Human Defense - A Perspective That Calls for Common Efforts. *FRONTIERS IN IMMUNOLOGY*, v. 12, p. 673723, 2021.
- 49- PEREIRA, A. Q.; DANTAS, E. W. C. . Theme and Water Parks in Brazil. *GEOUSP (USP)*, v. 25, p. 1-18, 2021.
- 50- DARIN, T. ; ANDRADE, R. M. C. ; JAIME SANCHEZ . Usability Evaluation of Multimodal Interactive Virtual Environments for Learners Who Are Blind: An Empirical Investigation.. *INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES*, 2021.
- 51- COSTA, JOSÉ HÉLIO; MOHANAPRIYA, GUNASEKARAN ; BHARADWAJ, REVURU ; NOCEDA, CARLOS ; THIERS, KARINE LEITÃO LIMA ; AZIZ, SHAHID ; SRIVASTAVA, SHIVANI ; OLIVEIRA, MANUELA ; GUPTA, KAPUGANTI JAGADIS ; KUMARI, APRAJITA ; SIRCAR, DEBABRATA ; KUMAR, SARMA RAJEEV ; ACHRA, ARVIND ; SATHISHKUMAR, RAMALINGAM ; ADHOLEYA, ALOK ;

- ARNHOLDT-SCHMITT, BIRGIT . ROS/RNS Balancing, Aerobic Fermentation Regulation and Cell Cycle Control - a Complex Early Trait (-CoV-MAC-TED?) for Combating SARS-CoV-2-Induced Cell Reprogramming. FRONTIERS IN IMMUNOLOGY, v. 12, p. 673692, 2021.
- 52- BHARADWAJ, R. ; NOCEDA, C. ; GUNASEKARAN, M. ; RAMALINGAM, S. ; KUMAR, S. R. ; LIMA, K. T. L. ; Costa, J.H. ; MACEDO, E. S. ; KUMARI, A. ; GUPTA, K. J. ; SRIVASTAVA, S. ; ADHOLEYA, A. ; OLIVEIRA, M. ; VELADA, I. ; SIRCAR, D. ; ARNHOLDT-SCHMITT, B. . Adaptive Reprogramming During Early Seed Germination Requires Temporarily Enhanced Fermentation-A Critical Role for Alternative Oxidase Regulation That Concerns Also Microbiota Effectiveness. FRONTIERS IN PLANT SCIENCE, v. 12, p. Article 686274, 2021.
- 53- LELO, RICARDO VELLOSO ; MARON, GUILHERME KURZ ; THESING, ANDERSON ; ALANO, JOSÉ HENRIQUE ; DA SILVA RODRIGUES, LUCAS ; DA SILVEIRA NOREMBERG, BRUNO ; ESCOTE, Marcia Tsuyama ; Valentini, Antoninho ; PROBST, Luiz Fernando Dias ; Carreño, Neftali Lenin Villarreal . Vanadium effect over γ -Al₂O₃-supported Ni catalysts for valorization of glycerol. FUEL PROCESSING TECHNOLOGY, v. 216, p. 106773, 2021.
- 54- LV, ZHIHAN; LLORET, JAIME; SONG, HOUBING; DE SOUZA, JOSE NEUMAN; MAVROMOUSTAKIS, CONSTANDINOS X. Guest Editorial: 5G for Internet of Things. IEEE NETWORK, v. 35, p. 16-17, 2021.
- 55- LIMA, FDS; PEREIRA, FLF; CHAVES, IC; MACHADO, JC; GOMES, JPP. Predicting the Health Degree of Hard Disk Drives With Asymmetric and Ordinal Deep Neural Models. IEEE TRANSACTIONS ON COMPUTERS, 2021.
- 56- FERREIRA, NS; SASAKI, JM; SILVA, RS; ATTAH-BAAH, JM; MACEDO, MA. [V-Zn+V-O(+)] Defects in Self-Assembled ZnO Nanoparticles. INORGANIC CHEMISTRY - Volume: 60, 4475-4496, 2021
- 57- SAMPAIO, ANA PAULA C. ; SILVA, ANNE KAROLYNE P. ; DE AMORIM, JÚLIO R. A. ; SANTIAGO, ANTÔNIO D. ; DE MIRANDA, FÁBIO R. ; BARROS, VIVIANE S. ; SALES, MARTA CELINA L. ; DE FIGUEIRÊDO, MARIA CLÉA B. . Reducing the carbon and water footprints of Brazilian green coconut. INTERNATIONAL JOURNAL OF LIFE CYCLE ASSESSMENT, v. 26, p. 707-723, 2021.
- 58- RIBEIRO, IS; PONTES, FJG; CARNEIRO, MJM; SOUSA, NA; PINTO, VPT; RIBEIRO, FOS; SILVA, DA ; ARAUJO, GS; MARINHO, JDB; ARAUJO, AJ ; PAULA, HCB; FEITOSA, JPA; DE PAULA, RCM. Poly(epsilon-caprolactone) grafted cashew gum nanoparticles as an epirubicin delivery system. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 2021.

- 59-RIBEIRO, ANA CAROLINA BARBOSA ; CUNHA, ARCELINA PACHECO ; DA SILVA, LARISSA MORAIS RIBEIRO ; MATTOS, ADRIANO LINCOLN ALBUQUERQUE ; DE BRITO, EDY SOUSA ; DE SOUZA FILHO, MEN DE SÁ MOREIRA ; DE AZEREDO, HENRIETTE MONTEIRO CORDEIRO ; RICARDO, NÁGILA MARIA PONTES SILVA . From mango by-product to food packaging: Pectin-phenolic antioxidant films from mango peels. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **JCR** , v. xx, p. x-x, 2021.
- 60- COSTA, JOSÉ HÉLIO; ROQUE, ANDRÉ LUIZ MAIA ; AZIZ, SHAHID ; DOS SANTOS, CLESIVAN PEREIRA ; GERMANO, THAIS ANDRADE ; BATISTA, MATHIAS COELHO ; THIERS, KARINE LEITÃO LIMA ; DA CRUZ SARAIVA, KÁTIA DANIELLA ; ARNHOLDT-SCHMITT, BIRGIT . Genome-wide identification of ascorbate-glutathione cycle gene families in soybean (*Glycine max*) reveals gene duplication events and specificity of gene members linked to development and stress conditions. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 187, p. 528-543, 2021.
- 61-MESQUITA, JX ; DE BRITO, TV FONTENELLE, TPC ; DAMASCENO, ROS; DE SOUZA, MHLP; LOPES, JLD; BELTRAMINI, LM; BARBOSA, ALD; FREITAS, ALP; Lectin from red algae *Amansia multifida* Lamouroux: Extraction, characterization and anti-inflammatory activity. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 2021.
- 62-DO N. FERREIRA, CARLOS RHAMON ; DE L. RAMOS, EVERTON LUCAS ; ARAUJO, LUIS FELIPE S. ; DA S. SOUSA, LEONIRA MORAIS ; FEITOSA, JUDITH PESSOA A. ; CUNHA, ANA FILIPA ; OLIVEIRA, MARIANA B. ; MANO, JOÃO F. ; DA S. MACIEL, JEANNY . Synthesis and characterization of scaffolds produced under mild conditions based on oxidized cashew gums and carboxyethyl chitosan. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 176, p. 26-36, 2021.
- 63-BARBOSA RIBEIRO, ANA CAROLINA; PACHECO CUNHA, ARCELINA; NOBRE PINHO RIBEIRO, MARIA ELENIR; SALLES TREVISAN, MARIA TERESA; CLEMENTE SERRA AZUL, FRANCISCO VINÍCIUS; ALMEIDA MOREIRA LEAL, LUZIA KALYNE; PONTES SILVA RICARDO, NÁGILA MARIA. Cashew apple pectin as a carrier matrix for mangiferin: Physicochemical characterization, in vitro release and biological evaluation in human neutrophils. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 171, p. 275-287, 2021.
- 64- DE SOUSA NASCIMENTO, LUCAS; DA MATA VIEIRA, FRANCISCO IGOR DALLES; HORÁCIO, VICTÓRIA; MARQUES, FRANCISCO PEREIRA; ROSA, MORSYLEIDE FREITAS; SOUZA, SEVERINO ARAÚJO; DE FREITAS, RAFAELLA MARTINS; UCHOA, DANIEL ESDRAS ANDRADE; MAZZETO, SELMA ELAINE; LOMONACO, DIEGO; AVELINO, FRANCISCO. Tailored organosolv banana peels lignins: Improved

thermal, antioxidant and antimicrobial performances by controlling process parameters. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 181, p. 241-252, 2021.

- 65- DA SILVA, AIËRTA CRISTINA CARRÁ; DE ALMEIDA, RAIMUNDO RAFAEL DA CRUZ SOUSA, ALEXANDRE CARREIRA; MARTÍNEZ, FABIÁN NICOLÁS ARANEDA; DENARDIN, JULIANO CASAGRANDE; DE MORAIS, SELENE MAIA; RICARDO, NÁGILA MARIA PONTES SILVA. Xyloglucan-based hybrid nanocomposite with potential for biomedical applications. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 168, p. 722-732, 2021.
- 66- GARCIA, LANA GLERIEIDE SILVA; DA ROCHA, MARIA GLEICIANE; LIMA, LAYSA ROCHA; CUNHA, ARCELINA PACHECO ; DE OLIVEIRA, JONATHAS SALES; DE ANDRADE, ANA RAQUEL COLARES; RICARDO, NÁGILA MARIA PONTES SILVA; PEREIRA-NETO, WALDEMIRO AQUINO; SIDRIM, JOSÉ JÚLIO COSTA; ROCHA, MARCOS FÁBIO GADELHA; VIEIRA, RODRIGO SILVEIRA; BRILHANTE, RAIMUNDA SÂMIA NOGUEIRA. Essential oils encapsulated in chitosan microparticles against *Candida albicans* biofilms. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 166, p. 621-632, 2021.
- 67- DE ARAUJO, DIEGO FREITAS; MADEIRA, JULIANA DA COSTA ; CUNHA, ARCELINA PACHECO; Ricardo, Nágila Maria Pontes Silva; BEZERRA, FRANCISCO FELIPE; MOURÃO, PAULO A.S.; ASSREUY, ANA MARIA SAMPAIO; PEREIRA, MARIA GONÇALVES. Structural characterization of anticoagulant and antithrombotic polysaccharides isolated from *Caesalpinia ferrea* stem barks. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 175, p. 147-155, 2021.
- 68- DA SILVA CAMPELO, MATHEUS; NETO, JOÃO FRANCISCO CÂMARA; LIMA, ANA BEATRIZ NOGUEIRA; DAS CHAGAS NETO, FRANCISCO CIRINEU; DA COSTA GONZAGA, MARIA LEÔNIA; DE AGUIAR SOARES, SANDRA; LEAL, LUZIA KALYNE ALMEIDA MOREIRA; RIBEIRO, MARIA ELENIR NOBRE PINHO; RICARDO, NÁGILA MARIA PONTES SILVA. Polysaccharides and extracts from *Agaricus brasiliensis* Murill - A comprehensive review. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 183, p. 1697-1714, 2021.
- 69- RODRIGUES, FRANCISCO ALESSANDRO MARINHO; DOS SANTOS, SARAH BRENDA FERREIRA; LOPES, MÔNICA MARIA DE ALMEIDA; GUIMARÃES, DIANA JESSICA SOUZA; DE OLIVEIRA SILVA, EBENÉZER; DE SOUZA FILHO, MEN DE SÁ MOREIRA; MATTOS, ADRIANO LINCOLN ALBUQUERQUE; DA SILVA, LARISSA MORAIS RIBEIRO; DE AZEREDO, HENRIETTE MONTEIRO CORDEIRO; RICARDO, NÁGILA MARIA PONTES SILVA. Antioxidant films and coatings based on starch and phenolics from *Spondias purpurea* L. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 182, p. 354-365, 2021.

- 70-CAVADA, BENILDO SOUSA; OLIVEIRA, MESSIAS VITAL; OSTERNE, VINICIUS JOSE SILVA; PINTO-JUNIOR, VANIR REIS; CORREIA-NETO, CORNEVILE; NASCIMENTO, KYRIA SANTIAGO. Lectins applied to diagnosis and treatment of prostate cancer and benign hyperplasia: A review. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 190, p. 543-553, 2021.
- 71-CAVADA, BENILDO SOUSA; PINTO-JUNIOR, VANIR REIS; OLIVEIRA, MESSIAS VITAL; OSTERNE, VINICIUS JOSE SILVA; LOSSIO, CLAUDIA FIGUEIREDO; NASCIMENTO, KYRIA SANTIAGO. A review of Viciae lectins studies: End of the book or a story in the writing?INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 181, p. 1104-1123, 2021.
- 72-NUNES, YALE LUCK; DE MENEZES, FERNANDO LIMA; DE SOUSA, ISAMAYRA GERMANO; CAVALCANTE, ANTÔNIO LUTHIERRE GAMA; CAVALCANTE, FRANCISCO THÁLYSSON TAVARES; DA SILVA MOREIRA, KATERINE; DE OLIVEIRA, ANDRÉ LUIZ BARROS; MOTA, GABRIELLY FERREIRA; DA SILVA SOUZA, JOSÉ ERICK; DE AGUIAR FALCÃO, ITALO RAFAEL; ROCHA, THALES GUIMARAES; VALÉRIO, ROBERTA BUSSONS RODRIGUES; FECHINE, PIERRE BASÍLIO ALMEIDA; DE SOUZA, MARIA CRISTIANE MARTINS; DOS SANTOS, JOSÉ C.S. Chemical and physical Chitosan modification for designing enzymatic industrial biocatalysts: How to choose the best strategy?INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 181, p. 1124-1170, 2021.
- 73-MARQUES, FRANCISCO PEREIRA; SOARES, AMANDA KELLY LIMA; LOMONACO, DIEGO; ALEXANDRE E SILVA, LORENA MARA; SANTAELLA, SANDRA TÉDDE; DE FREITAS ROSA, MORSYLEIDE; LEITÃO, RENATO CARRHÁ. Steam explosion pretreatment improves acetic acid organosolv delignification of oil palm mesocarp fibers and sugarcane bagasse. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 1, p. 1, 2021.
- 74-THÁ, EMANOELA LUNDGREN; MATOS, MAILSON; AVELINO, FRANCISCO; LOMONACO, DIEGO; DE SOUZA, ISIDORIS RODRIGUES; GAGOSIAN, VIVIANA STEPHANIE COSTA ; CESTARI, MARTA MARGARETE; MAGALHÃES, WASHINGTON LUIZ ESTEVES; LEME, DANIELA MORAIS. Safety aspects of kraft lignin fractions: Discussions on the in chemico antioxidant activity and the induction of oxidative stress on a cell-based in vitro model. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 1, p. 1, 2021.
- 75-TAVARES, LETHICIA SOUZA; RALPH, MARIA TACIANA; BATISTA, JACQUELINE ELLEN CAMELO; SALES, ANA CLARISSA; FERREIRA, LAISLA CAROLINA ANDRADE; USMAN, USMAN ABDULHADI; DA SILVA JÚNIOR, VALDEMIRO AMARO; RAMOS, MARCIO VIANA; Lima-Filho, José Vitor. Perspectives for the use of latex peptidases from Calotropis procera for control of inflammation derived from

Salmonella infections. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 171, p. 37-43, 2021.

- 76- LIMA, LAÍS RAMOS MONTEIRO; RAMOS, EVERTON LUCAS DE LIMA; SILVA, MARIA FRANCILENE SOUZA; RIBEIRO, FÁBIO DE OLIVEIRA SILVA; SOUSA, JEANLEX S.; PESSOA, CLAUDIA ; SILVA, DURCILENE ALVES; FEITOSA, JUDITH P.A.; PAULA, HAROLDO C.B.; DE PAULA, REGINA CÉLIA MONTEIRO. Poly(N-isopropylacrylamide)/galactomannan from *Delonix regia* seed thermal responsive graft copolymer via Schiff base reaction. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 166, p. 144-154, 2021.
- 77- CARNEIRO, MARIA J.M.; PAULA, CLÁUDIO B.A.; RIBEIRO, IRISVAN S.; DE LIMA, LAÍS R.M.; RIBEIRO, FÁBIO O.S.; SILVA, DURCILENE A.; ARAÚJO, GISELE S.; MARINHO FILHO, JOSÉ D.B.; ARAÚJO, ANA J.; FREIRE, ROSEMAYRE S.; FEITOSA, JUDITH P.A.; DE PAULA, REGINA C.M.-graft-poly (N-isopropylacrylamide)/doxorubicin prodrug via Schiff base reaction. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 185, p. 390-402, 2021.
- 78- DE OLIVEIRA, THAISA CARDOSO; OLIVEIRA, ANTÔNIA CARLA DE JESUS; PATRIOTA, YURI BASÍLIO GOMES; CHAVES, LUISE LOPES; RIBEIRO, FABIO DE OLIVEIRA SILVA; de Paula, Regina C.M.; SILVA-FILHO, EDSON CAVALCANTI; DA SILVA, DURCILENE ALVES; SOARES, MÔNICA FELTS DE LA ROCA; SOARES-SOBRINHO, JOSÉ LAMARTINE. Eco-friendly synthesis of phthalate angico gum towards nanoparticles engineering using Quality by Design (QbD) approach. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, v. 190, p. 801-809, 2021.
- 79- CAMPELO, MD ; CAMERA NETO, JF; LIMA, ABN; CHAGAS NETO, FC; GONZAGA, MLC ; SOARES, SD; LEAL, LKAM; RIBEIRO, MENP; RICARDO, NMPS. Polysaccharides and extracts from *Agaricus brasiliensis* Murill-A comprehensive review. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 2021.
- 80- RENSO, CHIARA; BOGORNY, VANIA; TSERPES, KONSTANTINOS; MATWIN, STAN; DE MACEDO, JOSE ANTONIO FERNANDES. Multiple-aspect analysis of semantic trajectories (MASTER). INTERNATIONAL JOURNAL OF GEOGRAPHICAL INFORMATION SCIENCE, v. 35, p. 763-766, 2021.
- 81- MARTINS DA SILVA FILHO, PEDRO ; LOPES ANDRADE, ALEXANDRE ; BARROS ARRAIS CRUZ LOPES, JESSICA ; DE AZEVEDO PINHEIRO, ARYANE ; ALVES DE VASCONCELOS, MAYRON ; GONÇALVES DA CRUZ FONSECA, SAID ; GONZAGA DE FRANÇA LOPES, LUIZ ; HENRIQUE SILVA SOUSA, EDUARDO ; HOLANDA TEIXEIRA, EDSON ; LONGHINOTTI, ELISANE . The biofilm inhibition activity of a NO

donor nanosilica with enhanced antibiotics action. INTERNATIONAL JOURNAL OF PHARMACEUTICS, v. 610, p. 121220, 2021.

82- ALMARAZ, S.; de LIMA, LL.; MARI, L .Spacetime Positive Mass Theorems for Initial Data Sets with Non-Compact Boundary. INTERNATIONAL MATHEMATICS RESEARCH NOTICES, 2021.

83- CAO, HUAI-DONG ; RIBEIRO JR, ERNANI ; ZHOU, DETANG . Four-dimensional complete gradient shrinking Ricci solitons. JOURNAL FUR DIE REINE UND ANGEWANDTE MATHEMATIK, v. 2021, p. 127-144, 2021.

84- PONTES, N. V. ; CHAGAS, D. B. ; SOUZA, A. C. B. ; NASCIMENTO, D.R., Jr. ; SILVA FILHO, W. F. ; CAPILLA, R. ; GARCIA, A. J. V. ; NOGUEIRA NETO, J. A. . Organic and isotopic geochemistry of evaporites and shales of the Santana Group (Araripe Basin, Brazil): clues on the evolution of depositional systems and global correlation during the Lower Cretaceous. Minerals, v. 11, p. 1-21, 2021.

85- FREIRE, TIAGO MELO ; SANTANNA, CELSO ; YOSHIHARA, NATALIA ; HU, RUI ; QU, JUNLE ; ALENCAR, LUCIANA MAGALHÃES REBELO ; OLIVEIRA DA SILVA DE BARROS, ALINE ; HELAL-NETO, EDWARD ; FERNANDES, LAILA RIBEIRO ; SIMOES, RAFAEL L ; BARJA-FIDALGO, CHRISTINA ; FECHINE, PIERRE B A ; SANTOS-OLIVEIRA, RALPH . Biomedical application of graphitic carbon nitrides: tissue deposition in vivo, induction of reactive oxygen species (ROS) and cell viability in tumor cells. NANOTECHNOLOGY, v. 32, p. 435301, 2021.

86- SILVA, FWN; BARROS, EB; CAPAZ, RB; Oxygen effects on the electronic transport in stanene. NANOTECHNOLOGY – Volume 32, Número do artigo 395201, 2021.

87- XING, HX ; DE BARROS, AOS.; MELLO, FVC; SOZZI-GUO, F; MULLER, C; GEMINI-PIPERNI, S ; ALENCAR, LMR.; MAIA, FF.; FREIRE, VN.; MENEZES, FD; Graphene: Insights on Biological, Radiochemical and Ecotoxicological Aspects. JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, 2021.

88- UCHOA, ANTONIA F.J.; ROCHA, WESLLEY S.; FEITOSA, JOHNNY P.M.; BRITO, DÉBORA H.A.; GONDIM, LILIAN M.; RICARDO, NÁGILA M.P. S.; SOARES, JORGE B.; SOARES, SANDRA A. Exploiting epoxidized cashew nut shell liquid as a potential bio-additive to improve asphalt binder performance. JOURNAL OF CLEANER PRODUCTION, v. xx, p. 128061, 2021.

89- LIMA, A.P.C.M. ; ALENCAR, G. ; LANDIM, R.R. Null second order corrections to Casimir energy in BI ASTROPARTICLE PHYSICS, v. 2021, p. 056-056, 2021.

- 90- MALUF, R.V.; NEVES, JULIANO C.S. Bumblebee field as a source of cosmological anisotropies. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, v. 2021, p. 038, 2021.
- 91- BERNARDINO, WILTON; OSPINA, RAYDONAL ; SOUZA, FILIPE COSTA DE; RÊGO, LEANDRO; PEREIRA, FELIPE. Risk curves: A methodology to evaluate the risk of fraud by stock price manipulation based on game theory and detection software. Journal of Economics and Business, v. 113, p. 105953, 2021.
- 92- BENTO, LUCAS RAIMUNDO ; SPACCINI, RICCARDO ; CANGEMI, SILVANA ; MAZZEI, PIERLUIGI ; DE FREITAS, BIANCA BORGE ; DE SOUZA, ANDRESSA EVA OLIVEIRA ; MOREIRA, ALTAIR BENEDITO ; FERREIRA, ODAIR PASTOR ; PICCOLO, ALESSANDRO ; BISINOTI, MÁRCIA CRISTINA . Hydrochar obtained with by-products from the sugarcane industry: Molecular features and effects of extracts on maize seed germination. JOURNAL OF ENVIRONMENTAL MANAGEMENT, v. 281, p. 111878, 2021.
- 93- DA FONSECA-PEREIRA, PAULA ; SOUZA, PAULO V L ; FERNIE, ALISDAIR R ; TIMM, STEFAN ; DALOSO, DANILO M ; ARAÚJO, WAGNER L . Thioredoxin-mediated regulation of (photo)respiration and central metabolism. JOURNAL OF EXPERIMENTAL BOTANY, v. ., p. ., 2021.
- 94- FEITOSA, V.A.O.; STEDILE, A. M. A. ; BARROSO, M. C. S. ; FEITOSA, R.A. PISTRAK, M. (1888-1937) and the Unified Labour School: Analysis of Soviet Pedagogical Thinking for the Education of the Homo Novus. JOURNAL FOR CRITICAL EDUCATION POLICY STUDIES, v. 19, p. 1-27, 2021
- 95- BALTAZAR, H. ; DIÓGENES, R. ; RIBEIRO, E. . Volume Functional of Compact 4-Manifolds with a Prescribed Boundary Metric. JOURNAL OF GEOMETRIC ANALYSIS, v. 31, p. 4703-4720, 2021.
- 96- BRAGA, J. EDERSON M.. Free Boundary Theory for non-homogeneous fully nonlinear equations with unbounded ingredients and quadratic growth in the gradient. JOURNAL OF GEOMETRIC ANALYSIS, v. 31, p. 3523–3555, 2021.
- 97- VINNIK, DA; ZHIVULIN, VE; SHERSTYUK, DP; STARIKOV, AY; ZEZYULINA, PA; GUDKOVA, SA; ZHEREBTSOV, DA; ROZANOV, KN; TRUKHANOV, SV; ASTAPOVICH, KA; SOMBRA, ASB; ZHOU, D; JOTANIA, RB; SINGH, C TRUKHANOV, AV. Ni substitution effect on the structure, magnetization, resistivity and permeability of zinc ferrites. JOURNAL OF MATERIALS CHEMISTRY C - DOI: 10.1039/d0tc05692h, 2021
- 98- ALVORCEM, LD; BRITTO, R; CECATTO, C; ROGINSKI, AC; ROHDEN, F.; SCHOLL, JN.; GUMA, FCR.; FIGUEIRO, F. AMARAL, AU.; ZANATTA, G.; SEMINOTTI, B.;

- WAJNER, M.; LEIPNITZ, G.; Ethylmalonic acid impairs bioenergetics by disturbing succinate and glutamate oxidation and induces mitochondrial permeability transition pore opening in rat cerebellum. *JOURNAL OF NEUROCHEMISTRY*, 2021.
- 99- FERREIRA, R. S. ; AGUIAR, A. L. ; ALENCAR, R. S. ; SAN-MIGUEL, A. ; FILHO, A. G. SOUZA . Flat-to-Flat Polymerization of Single-Walled Carbon Nanotubes under High Pressure Mediated by Carbon Chain Encapsulation. *JOURNAL OF PHYSICAL CHEMISTRY C*, v. 125, p. 12857-12869, 2021.
- 100- SILVA, PV; GIRAO, EC. Electronic and Transport Properties of Graphene Nanoribbons Based on Super-Heptazethrene Molecular Blocks. *JOURNAL OF PHYSICAL CHEMISTRY C – V. 125*, 11235-11248, 2021.
- 101- PEREIRA, ARTHUR PRUDÊNPIO; LIMA, LARA ANDRADE LUCENA; BEZERRA, WALDERLY MELGAÇO; PEREIRA, MIRELLA LEITE; NORMANDO, LEONARDO RIBEIRO OLIVEIRA; MENDES, LUCAS WILLIAM; OLIVEIRA, JOSE GERARDO BESERRA; ARAÚJO, ADEMIR SÉRGIO FERREIRA; Melo, Vânia Maria Maciel. Grazing exclusion regulates bacterial community in highly degraded semiarid soils from the Brazilian Caatinga biome. *LAND DEGRADATION & DEVELOPMENT*, v. 32, p. 2210-2225, 2021.
- 102- MOREIRA, LUCAS BURUAEM ; FERNANDES, GABRIELLE MELO ; FIGUEIRA, RUBENS CESAR LOPES ; do Nascimento, Ronaldo Ferreira ; CAVALCANTE, RIVELINO MARTINS ; MACHADO, WILSON THADEU VALLE ; DE SOUZA ABESSA, DENIS MOLEDO . Sediment contamination and toxicity of Marine Protected Areas in southeastern Brazilian coast: A baseline for management planning. *MARINE POLLUTION BULLETIN*, v. 170, p. 112613-10, 2021.
- 103- SANTOS, MARCUS VINÍCIUS SILVA; DA SILVA JÚNIOR, JUCELINO BALBINO; Melo, Vânia Maria Maciel; SOUSA, DANIELE SANTOS; HADLICH, GISELE MARA; DE OLIVEIRA, OLÍVIA MARIA CORDEIRO. Evaluation of metal contamination in mangrove ecosystems near oil refining areas using chemometric tools and geochemical indexes. *MARINE POLLUTION BULLETIN*, v. 166, p. 112179, 2021.
- 104- MELO FILHO, D.C, Política da paisagem e paisagem política em São Paulo. *MERCATOR (FORTALEZA. ONLINE)*, v. 20, p. 1-13, 2021.
- 105- FREGOLENTE, LAÍS G. ; DOS SANTOS, JOÃO VITOR ; VINCI, GIOVANNI ; PICCOLO, ALESSANDRO ; MOREIRA, ALTAIR B. ; Ferreira, Odair P. ; BISINOTI, MÁRCIA C. ; SPACCINI, RICCARDO . Insights on Molecular Characteristics of Hydrochars by ¹³C-NMR and Off-Line TMAH-GC/MS and Assessment of Their Potential Use as Plant Growth Promoters. *MOLECULES*, v. 26, p. 1026, 2021
- 106- ZHANG, YOUJUN ; GIESE, JONAS ; MAE-LIN KERBLER, SANDRA ; SIEMIATKOWSKA, BEATA ; PEREZ DE SOUZA, LEONARDO ; ALPERS, JESSICA ; MEDEIROS, DAVID BARBOSA ; HINCHA, DIRK K. ; Daloso, Danilo M. ; STITT,

MARK ; FINKEMEIER, IRIS ; Fernie, Alisdair R. . Two mitochondrial phosphatases, PP2c63 and Sal2, are required for posttranslational regulation of the TCA cycle in Arabidopsis. *Molecular Plant*, v. x, p. x-x, 2021.

- 107- FREIRE, TIAGO MELO; SANT'ANNA, CELSO; YOSHIHARA, NATALIA; HU, RUI; QU, JUNLE; ALENCAR, LUCIANA MAGALHÃES REBELO; OLIVEIRA DA SILVA DE BARROS, ALINE; HELAL-NETO, EDWARD; FERNANDES, LAILA RIBEIRO; SIMOES, RAFAEL L; BARJA-FIDALGO, CHRISTINA; FECHINE, PIERRE B A; SANTOS-OLIVEIRA, RALPH. Biomedical application of graphitic carbon nitrides: tissue deposition in vivo, induction of reactive oxygen species (ROS) and cell viability in tumor cells. *NANOTECHNOLOGY*, v. 32, p. 435301, 2021.
- 108- NUNES SILVA, FRANCISCO WELLERY ; Barros, Eduardo B. ; CAPAZ, R. B. Oxygen effects on the electronic transport in stanene. *NANOTECHNOLOGY*, v. 32, p. 395201, 2021.
- 109- WANG, FJ .; WANG, C .; CHAVES, A.; SONG, CY; ZHANG, GW; HUANG, SY .; LEI, YC.; XING, QX.; MU, L .; XIE, YG.; YAN, HG.; Prediction of hyperbolic exciton-polaritons in monolayer black phosphorus. *NATURE COMMUNICATIONS*, 2021.
- 110- MATIAS, ALAN L.S.; ROCHA NETO, AJALMAR R.; MATTOS, CÉSAR LINCOLN C.; GOMES, JOÃO PAULO P. A novel fuzzy ARTMAP with area of influence. *NEUROCOMPUTING*, v. 432, p. 80-90, 2021.
- 111- LOMBARDI, F; SHRIKI, O; HERRMANN, HJ; DE ARCANGELIS, L.; Long-range temporal correlations in the broadband resting state activity of the human brain revealed by neuronal avalanches, *NEUROCOMPUTING*, Volume 461, Page 657-666, DOI: 10.1016/j.neucom.2020.05.126
- 112- BORGES, DS ; HERRMANN, HJ; CARMONA, HA; ANDRADE, JS; ARAUJO, AD. Morphological Transition between Patterns Formed by Threads of Magnetic Beads. *PHYSICAL REVIEW LETTERS* – V. 126, Número do artigo: 118001, 2021
- 113- LAVOR, I. R. ; DA COSTA, D. R. ; COVACI, L. ; MILO EVI, M. V. ; PEETERS, F. M. ; CHAVES, A. Zitterbewegung of Moire Excitons in Twisted MoS2/WSe2 Heterobilayers. *PHYSICAL REVIEW LETTERS*, v. 127, p. 106801, 2021.
- 114- COSTA, NATHALIA'L. ; Sharma, Keshav ; KIM, YOONG AHM ; CHOI, GO BONG ; ENDO, MORINOBU ; BARBOSA NETO, NEWTON M. ; PASCHOAL, ALEXANDRE R. ; ARAUJO, PAULO T. . Thermodynamics of Linear Carbon Chains. *PHYSICAL REVIEW LETTERS*, v. 126, p. 0/0, 2021.
- 115- DE ALMEIDA, NATÁLIA PINTO ; NETO, DOMINGOS FERREIRA MÉLO ; CARNEIRO, GABRIEL REIS ALVES ; DE FARIAS, ANDREZA RAQUEL BARBOSA ; DOMONT, GILBERTO BARBOSA ; DE PAIVA CAMPOS, FRANCISCO DE ASSIS ;

NOGUEIRA, Fábio César Sousa . Monitoring casbene synthase in *Jatropha curcas* tissues using targeted proteomics. *PLANT METHODS*, v. 17, p. 1, 2021.

- 116- DE SOUZA, CAMILA MAURMANN ; ZORZATTO, CRISTIANE ; QUINHONES, CARLA G.S. ; LOPES, JULIANA MAINENTI LEAL ; DE CARVALHO, HUMBERTO HENRIQUE ; ARAÚJO, WAGNER L. ; VICCINI, LYDERSON FACIO. Deciphering ploidal levels of *Lippia alba* by using proteomics. *PLANT PHYSIOLOGY AND BIOCHEMISTRY*, v. 187, p. 385-389, 2021.
- 117- DOS SANTOS ARAÚJO, GYEDRE; DE OLIVEIRA PAULA-MARINHO, STELAMARIS; DE PAIVA PINHEIRO, SERGIMAR KENNEDY; DE CASTRO MIGUEL, EMÍLIO ; DE SOUSA LOPES, LINEKER; CAMELO MARQUES, ELTON; DE CARVALHO, HUMBERTO HENRIQUE; GOMES-FILHO, ENÉAS. H₂O₂ priming promotes salt tolerance in maize by protecting chloroplasts ultrastructure and primary metabolites modulation. *PLANT SCIENCE*, v. 303, p. 110774, 2021.
- 118- BARROS, OLGA ALCÂNTARA ; VIANA, MARIA SOMÁLIA SALES ; VIANA, BARTOLOMEU CRUZ ; DA SILVA, JOÃO HERMÍNIO ; PASCHOAL, ALEXANDRE ROCHA ; DE OLIVEIRA, PAULO VICTOR . New data on *Beurlenia araripensis* Martins-Neto & Mezzalira, 1991, a lacustrine shrimp from Crato Formation, and its morphological variations based on the shape and the number of rostral spines. *PLOS ONE*, v. 16, p. e0247497, 2021.
- 119- COSTA, PAULA PRISCILA CORREIA ; WALLER, STEFANIE BRESSAN ; DOS SANTOS, GILVAN RIBEIRO ; GONDIM, FLADIMIR DE LIMA ; SERRA, DANIEL SILVEIRA ; CAVALCANTE, FRANCISCO SALES ÁVILA ; GOUVEIA JÚNIOR, FLORÊNCIO SOUSA ; DE PAULA JÚNIOR, VALDIR FERREIRA ; SOUSA, EDUARDO HENRIQUE SILVA ; LOPES, LUIZ GONZAGA DE FRANÇA ; RIBEIRO, WESLEY LYEVERTON CORREIA ; MONTEIRO, HELENA SERRA AZUL . Anti-asthmatic effect of nitric oxide metallo-donor FOR811A [cis-[Ru(bpy)₂(2-MIM)(NO)](PF₆)₃] in the respiratory mechanics of Swiss mice. *PLOS ONE*, v. 16, p. e0248394, 2021.
- 120- PALOSCHI, RENNAN A. ; RAMOS, DESIRÉE MARQUES ; VENTURA, DIONE J. ; SOUZA, RODOLFO ; SOUZA, EDUARDO ; MORELLATO, LEONOR PATRÍCIA CERDEIRA ; NÓBREGA, RODOLFO L. B. ; COUTINHO, ÍTALO ANTÔNIO COTTA ; VERHOEF, ANNE ; KÖRTING, THALES SEHN ; BORMA, LAURA DE SIMONE . Environmental Drivers of Water Use for Caatinga Woody Plant Species: Combining Remote Sensing Phenology and Sap Flow Measurements. *REMOTE SENSING*, v. 13, p. 75, 2021.
- 121- DE SOUSA LOPES, LUCIANA; MENDES, LUCAS WILLIAM; ANTUNES, JADSON EMANUEL LOPES; DE SOUZA OLIVEIRA, LOUISE MELO; MELO, VANIA MARIA MACIEL; DE ARAUJO PEREIRA, ARTHUR PRUDÊNCIO; DA COSTA, ANTONIO FÉLIX; DE PAULA OLIVEIRA, JOSÉ; MARTÍNEZ, COSME RAFAEL; FIGUEIREDO, MARCIA DO VALE BARRETO; ARAUJO, ADEMIR SÉRGIO FERREIRA. Distinct

bacterial community structure and composition along different cowpea producing ecoregions in Northeastern Brazil. *SCIENTIFIC REPORTS*, v. 11, p. 831, 2021.

- 122- CAVALCANTE, TIAGO VIEIRA ; ARAGÃO, RAIMUNDO FREITAS ; OLIVEIRA, CHRISTIAN DENNYS MONTEIRO . *Fotograficidade: A Paisagem Humana no Imaginário Poético do Círio de Nazaré em Belém do Pará - Brasil*. *SOCIEDADE & NATUREZA (UFU. ONLINE)*, v. 33, p. 1-14, 2021.
- 123- ARAGÃO, R. F. ; OLIVEIRA, CHRISTIAN D. M. DE ; CAVALCANTE, T. V. . *Photographicity: The Human Landscape in the Poetic Imaginaire of Círio de Nazaré in Belém do Pará ? Brazil*. *SOCIEDADE & NATUREZA (UFU. ONLINE)*, v. 33, p. 1-14, 2021
- 124- LIMA, VALÉRIA F. ; ERBAN, ALEXANDER ; DAUBERMANN, ANDRÉ G. ; FREIRE, FRANCISCO BRUNO S. ; PORTO, NICOLE P. ; CÂNDIDO'SOBRINHO, SILVIO A. ; MEDEIROS, DAVID B. ; SCHWARZLÄNDER, MARKUS ; FERNIE, ALISDAIR R. ; DOS ANJOS, LETICIA ; KOPKA, JOACHIM ; DALOSO, DANILO M. . *Establishment of a GC-MS-based 13 C-positional isotopomer approach suitable for investigating metabolic fluxes in plant primary metabolism*. *THE PLANT JOURNAL*, v. x, p. x, 2021.
- 125- DE ALMEIDA, N.P.; NETO, D. F. M. ; CARNEIRO, G.R.A; DE FARIAS, A.R. B.; DOMONT, G.B.; CAMPOS, F.A.P.; NOGUEIRA, F. C. S. . *Monitoring casbene synthase in *Jatropha curcas* tissues using targeted proteomics*. *PLANT JOURNAL*, v. 17, p. 1, 2021.
- 126- ARAUJO, J.; CEZAR, A.; LIMA, C.V.G.C.; DOS SANTOS, V.F.; SILVA, A. *On the proper orientation number of chordal graphs*. *THEORETICAL COMPUTER SCIENCE*, v. 888, p. 117-132, 2021.
- 127- MURITIBA, AEF ; BONATES, TO; DA SILVA, SO; IORI, M. *Branch-and-Cut and Iterated Local Search for the Weighted k-Traveling Repairman Problem: An Application to the Maintenance of Speed Cameras*. *TRANSPORTATION SCIENCE*, 2021.
- 128- CÔRTEZ, M.F.; BOTELHO, A.M.N.; BANDEIRA, P.T. ; MOUTON, W. ; BADIOU, C.; BES, M. ; LIMA, N.C. B. ; SOARES, A.E.R. ; SOUZA, R.C. ; ALMEIDA, L.G.P. ; MARTINS-SIMÕES, P. ; VASCONCELOS, A.T. R. ; NICOLÁS, M.F. ; LAURENT, F. ; PLANET, P. J. ; FIGUEIREDO, A.M. S. . *Reductive evolution of virulence repertoire to drive the divergence between community- and hospital-associated methicillin-resistant *Staphylococcus aureus* of the ST1 lineage*. *VIRULENCE* , v. 12, p. 951-967, 2021.
- 129- JEPSON, WENDY ; TOMAZ, PAULA ; SANTOS, JADER OLIVEIRA ; BAEK, JUHA . *A comparative analysis of urban and rural household water insecurity experiences during the 2011-17 drought in Ceará, Brazil*. *WATER INTERNATIONAL*, v. 46, p. 1-26, 2021.

QUALIS A2

- 1- GONÇALVES, DOUGLAS S. ; LAVOR, CARLILE ; SOUZA, MICHAEL. ; LIBERTI, L. . A new algorithm for the DMDGP subclass of Distance Geometry problems. ALGORITHMICA, 2021.
- 2- GIRÃO, FREDERICO; PINHEIRO, DIEGO ; PINHEIRO, NEILHA M. ; RODRIGUES, DIEGO . Weighted Alexandrov-Fenchel inequalities in hyperbolic space and a conjecture of Ge, Wang and Wu. AMERICAN MATHEMATICAL SOCIETY. PROCEEDINGS, v. 149, p. 369-382, 2021.
- 3- ALÍAS, L. J. ; CAMINHA, A. ; NASCIMENTO, F. Y. S. DO . A maximum principle related to volume growth and applications. ANNALI DI MATEMATICA PURA ED APPLICATA, v. 200, p. 1637-1650, 2021.
- 4- BALTAZAR, H ; BATISTA, R; RIBEIRO, E ; Geometric inequalities for critical metrics of the volume functional. ANNALI DI MATEMATICA PURA ED APPLICATA, 2021.
- 5- RIBEIRO, R.T.M.; LOIOLA, M.I.B.; SALES, M.F. . Look at the trees: synopsis of Terminalia s.s. in the Brazilian Amazon with conservation and distribution implications.. ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS, 2021.
- 6- RAMOS, ELIÊTA A. ; DE MORAIS-JUNIOR, CLÁUDIO SIMÕES ; RODRIGUES-FILHO, CARLOS A. S. ; SÁNCHEZ-BOTERO, JORGE I. ; MELO JÚNIOR, MAURO ; NOVAES, JOSÉ L. C. . Influence of spatial and environmental factors on the structure of a zooplankton metacommunity in an intermittent river. AQUATIC ECOLOGY, v. 1, p. 1-11, 2021.
- 7- KAHRAMAN, Z; BASKURT, M; YAGMURCUKARDES, M; CHAVES, A; SAHIN, H . Stable Janus TaSe2 single-layers via surface functionalization APPLIED SURFACE SCIENCE - Volume: 538. p: 148064, 2021.
- 8- NETO, D.M.A.; DA COSTA, L. S.; DE MENEZES, FERNANDO L.; FECHINE, L.M.U.D.; FREIRE, R.M.; DENARDIN, J. C.; BAÑOBRE-LÓPEZ, M.; VASCONCELOS, I. F.; RIBEIRO, T. S.; LEAL, L. K. A.M.; DE SOUSA, J.A.C.; GALLO, J.; FECHINE, P. B.A. A novel amino phosphonate-coated magnetic nanoparticle as MRI contrast agent. APPLIED SURFACE SCIENCE, v. 543, p. 148824, 2021.
- 9- BOTELHO, T.; OSTERNE, V.J.S. ; PINTO'JUNIOR, V.R. ; OLIVEIRA, M. V. ; CAVADA, B. S. ; NASCIMENTO, K.S. ; DOS SANTOS, L.. Differential vasodilator effect of Dioclea rostrata lectin in conductance and resistance arteries: Mechanisms and glycoconjugate binding relationships. BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY , v. 129, p. 130-138, 2021.

- 10- ALMEIDA-NETO, FRANCISCO WAGNER; CASTRO MATOS, MARIA GEYSILLENE; MARINHO, EMANUELLE MACHADO; MARINHO, MÁRCIA MACHADO; RÓSEO PAULA PESSOA BEZERRA DE MENEZES, RAMON; SAMPAIO, TIAGO LIMA; BANDEIRA, PAULO NOGUEIRA; CELEDONIO FERNANDES, CARLA FREIRE; MAGNO RODRIGUES TEIXEIRA, ALEXANDRE; MARINHO, EMMANUEL SILVA; De Lima-Neto, Pedro; SILVA DOS SANTOS, HÉLCIO. In silico study of the potential interactions of 4--acetamidechalcones with protein targets in SARS-CoV-2. *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*, v. 537, p. 71-77, 2021.
- 11- DE SANTANA, CAROLINA OLIVEIRA; SPEALMAN, PIETER; Melo, Vânia Maria Maciel; GRESHAM, DAVID; DE JESUS, TAÍSE BOMFIM; CHINALIA, FABIO ALEXANDRE. Effects of tidal influence on the structure and function of prokaryotic communities in the sediments of a pristine Brazilian mangrove. *BIOGEOSCIENCES*, v. 18, p. 2259-2273, 2021.
- 12- DIJK, A. V. ; NAKAMURA, G. ; RODRIGUES, AV ; MAESTRI, R. ; DUARTE, L. D. S. . Imprints of tropical niche conservatism and historical dispersal in the radiation of Tyrannidae (Aves: Passeriformes). *BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY*, v. XX, p. 1-11, 2021
- 13- BARROSO, CLEON S.. Isometric embedding of Banach spaces under optimal projection constants. *BULLETIN DES SCIENCES MATHÉMATIQUES*, v. 168, p. 102968, 2021.
- 14- DE LIMA, LL; GIRAO, F; NATARIO, J.; Extrinsic Black Hole Uniqueness in Pure Lovelock Gravity. *BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY*, 2021.
- 15- CIBOTARU, DANIEL; MOROIANU, SERGIU . Odd Pfaffian Forms. *BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY*, 2021.
- 16- MONTEZUMA, RAFAEL. On Free-Boundary Minimal Surfaces in the Riemannian Schwarzschild Manifold. *BULLETIN BRAZILIAN MATHEMATICAL SOCIETY (ONLINE)*, v. 52 p.1055–1071, 2021.
- 17- FRANÇA, ÍTALO WALDIMIRO LIMA; OLIVEIRA, DARLANE WELLEN FREITAS; GIRO, MARIA ESTELA APARECIDA; MELO, VÂNIA MARIA MACIEL; GONÇALVES, LUCIANA ROCHA BARROS. Production of surfactin by *Bacillus subtilis* LAMI005 and evaluation of its potential as tensoactive and emulsifier. *CANADIAN JOURNAL OF CHEMICAL ENGINEERING*, v. 01, p. 01-10, 2021.
- 18- DO NASCIMENTO, DIEGO M.; NUNES, YANA L.; DE ALMEIDA, JÉSSICA S.; LEITÃO, RENATO CARRHÁ; Feitosa, Judith P. A.; DUFRESNE, ALAIN; ROSA,

- MORSYLEIDE DE FREITAS. Development of an integrated process to produce CNFs and lignin and its potential applications for agrochemical delivery. *Cellulose*, v. 28, p. 1-14, 2021.
- 19- ARTNER, MIRELA ANGELITA; DE CADEMARTORI, PEDRO HENRIQUE GONZALEZ; AVELINO, FRANCISCO; Lomonaco, Diego; MAGALHÃES, WASHINGTON LUIZ ESTEVES. A novel design for nanocellulose reinforced urea-formaldehyde resin: a breakthrough in amino resin synthesis and biocomposite manufacturing. *Cellulose*, v. 1, p. 1-1, 2021.
- 20- SERGIO, LM ; MARTINS, YA; AMARAL, JL; FRANCA, VLB; DE FREITAS, CF; NETO, ; HIOKA, N ; RAVANELLI, MI; MAREZE-COSTA, C; DA COSTA, SC; FREIRE, VN; BRUNALDI, K Molecular insight on the binding of stevia glycosides to bovine serum albumin. *CHEMICO-BIOLOGICAL INTERACTIONS*, 2021.
- 21- DE CARVALHO JUNIOR, FRANCISCO HERON; AL-ALAM, WAGNER; DANTAS, A. B. O. Contextual Contracts for Component-Oriented Resource Abstraction in a Cloud of HPC Services. *CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE*, v. 33, p. e6225, 2021.
- 22- SILVA, PALOMA VIEIRA ; LAMPARSKI, MICHAEL ; AGUIAR, ACRÍSIO LINS ; SOUZA FILHO, ANTONIO GOMES ; MEUNIER, VINCENT ; GIRÃO, EDUARDO COSTA . Structural and electronic properties of double-walled α -graphyne nanotubes. *COMPUTATIONAL MATERIALS SCIENCE*, v. 200, p. 110768, 2021.
- 23- IVO, D. ; CAVALCANTE-NETO, J.B.; **VIDAL, C.** A model for flexible representation of social groups in crowd simulation. *COMPUTERS & GRAPHICS-UK*, v. 1001, p. 1-8, 2021.
- 24- MESQUITA, E.M.S.; **VIDAL, C.A.** ; CAVALCANTE-NETO, J. B. ; IVO, R.F. Non-overlapping geometric shadow map. *COMPUTERS & GRAPHICS-UK*, v. 1001, p. 1-14, 2021.
- 25- PEREIRA, A.Q; BRANDAO, P. B. ; LAURENT, F. . Les conflits socio-environnementaux dans les espaces touristiques littoraux des États de Bahia et du Ceará au Brésil/Socio-environmental conflicts in the coastal tourist areas of the States of Bahia and Ceará in Brazil/Los conflictos socio-medioambientales en los espacios turísticos litorales de los Estados de Bahia y de Ceará en Brasil/Conflitos socioambientais em áreas turísticas do litoral da Bahi. *CYBERGEO (PARIS)*, p. 1-23, 2021.
- 26- CADENA, DIRCEU. IGEPAC-Bela Vista e o tombamento do Teatro Oficina: Representação, governo e contestação no Bixiga/IGEPAC-Bela Vista et le classement du Teatro Oficina: représentation, gouvernement et contestation à Bixiga/IGEPAC-Bela Vista

and the preservation of Teatro Oficina: Representation, government and contestation in Bixiga. CONFINS (PARIS), v. 1, p. 38563, 2021.

27- NAKAMURA, GABRIEL; RICHTER, ALINE ; SOARES, BRUNO E. . FishPhyloMaker: An R package to generate phylogenies for ray-finned fishes. ECOLOGICAL INFORMATICS, v. 66, p. 101481, 2021.

28- BRASILEIRO, ANA C. ; CASCON, PAULO ; PASSOS, DANIEL C. . How aggressive calls of a Neotropical treefrog vary among different levels of social tension?. ETHOLOGY ECOLOGY & EVOLUTION, v. 33, p. 1-8, 2021.

29- VASCONCELOS, PEDRO HERMANO M. ; CAMELO, ANDRÉ LUIZ M. ; DE LIMA, ARI CLECIUS A. ; DO NASCIMENTO, HÉLIO O. ; VIDAL, CARLA B. ; DO NASCIMENTO, RONALDO F. ; LOPES, GISELE S. ; Longhinotti, Elisane . Chemometric tools applied to optimize a fast solid-phase microextraction method for analysis of polycyclic aromatic hydrocarbons in produced water. Environmental Science and Pollution Research, v. 28, p. 8012-8021, 2021.

30- ROCHA, C. A. ; MARQUES, E. V. ; DOS SANTOS, R. P. ; SALDANHA, I. ; LILIANE, C. ; CASSIANO, D. R. ; PEREIRA, J. ; BERTONCINI, B. V. ; NOBRE, JUVÊNIO S. ; FREITAS, J. V. B. ; FERREIRA, A. G. ; CAVALCANTE, R. . A better understanding of air quality resulting from the effects of the 2020 pandemic in a city in the equatorial region based on an integrated analysis (Fortaleza-CE, Brazil).. Environmental Science and Pollution Research, 2021.

31- PERTILE, MARIANE; SOUSA, REGINA MARIA SILVA; MENDES, LUCAS WILLIAM; ANTUNES, JADSON EMANUEL LOPES; OLIVEIRA, LOUISE MELO DE SOUZA; DE ARAUJO, FABIO FERNANDO; MELO, VANIA MARIA MACIEL; ARAUJO, ADEMIR SERGIO FERREIRA. Response of soil bacterial communities to the application of the herbicides imazethapyr and flumyazin. EUROPEAN JOURNAL OF SOIL BIOLOGY, v. 102, p. 103252, 2021.

32- MOREIRA, A. R. P. ; SILVA, J. E. G. ; ALMEIDA, C.A.S. . Fermion localization in braneworld teleparallel $f(T, B)$ gravity. EUROPEAN PHYSICAL JOURNAL C, v. 81, p. 298, 2021.

33- ARAUJO, AA ; PETROV, AY; Higher-derivative Lorentz-breaking dispersion relations: a thermal description. EUROPEAN PHYSICAL JOURNAL C, Volume 81, Edição 9, Número do artigo 843, DOI: 10.1140/epjc/s10052-021-09639-y

34- CARVALHO, EDINILTON MUNIZ ; SOUSA, EDUARDO HENRIQUE SILVA ; BERNARDES-GÉNISSON, VANIA ; LOPES, LUIZ GONZAGA DE FRANÇA . When NO. is not enough: chemical systems, advances and challenges in the development of NO_x

and HNO donors for old and current medical issues. EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, v. 2021, p. 4316-4348, 2021.

35- ALENCAR, G; BEZERRA, VB, MUNIZ, CR. Casimir wormholes in 2+1 dimensions with applications to the graphene. EUROPEAN PHYSICAL JOURNAL C, 2021.

36- RIBEIRO OLIVEIRA, JÉSSICA ; BARBOSA DE FREITAS, DANIELE ; FERNANDO RIBEIRO DE OLIVEIRA, JOSÉ ; MELE, GIUSEPPE ; ELAINE MAZZETTO, SELMA ; Lomonaco, Diego. New opportunity for sustainable benzoxazine synthesis: A straight and convenient one-pot protocol for formaldehyde-free bio-based polymers. EUROPEAN POLYMER JOURNAL, v. ., p. 110596, 2021.

37- AGOSTINHO, KAROLINE FONTANA; RECHENCHOSKI, DANIELE ZENDRINI ; FACCIN-GALHARDI, LIGIA CARLA; DE SOUSA, ANDRÉ LUIZ NASCIMENTO; CUNHA, ARCELINA PACHECO; Ricardo, Nágila Maria Pontes Silva; Linhares, Rosa Elisa CARVALHO; Nozawa, Carlos. Cucumis melo pectin as potential candidate to control herpes simplex virus infection. FEMS MICROBIOLOGY LETTERS, v. 368, p. 1, 2021.

38- FERRAZ, CALINE G. ; RIBEIRO, PAULO R. ; MENDONÇA, RENATA ; Silveira, Edilberto R. ; CRUZ, FREDERICO G. . Novel polypropenylated benzophenone derivatives from *Clusia burle-marxii*. FITOTERAPIA, v. 149, p. 104760, 2021.

39- MAS, J. F. ; ARAUJO, F.S. . Assessing Landsat Images Availability and Its Effects on Phenological Metrics. FORESTS, v. 12, p. 574, 2021.

40- TAVARES, T. C. L.; BEZERRA, W. M.; NORMANDO, L. R. O.; ROSADO, A. S.; Melo, V. M. M. Brazilian Semi-Arid Mangroves-Associated Microbiome as Pools of Richness and Complexity in a Changing World. Frontiers in Microbiology, v. 12, p. 715991-18, 2021.

41- RANGEL, N. V.; SILVA, LEONARDO. P.; PINHEIRO, V. S.; FIGUEREDO, I. M.; OTHON S. CAMPOS; COSTA, S. N.; LUNA, F. M. T.; CAVALCANTE JR., C. L.; MARINHO, E. S.; RIOS, M. A.; DE LIMA NETO, PEDRO. Effect of additives on the oxidative stability and corrosivity of biodiesel samples derived from babassu oil and residual frying oil: An experimental and theoretical assessment. FUEL, v. 289, p. 119939, 2021.

42- DE PAIVA PINHEIRO, SERGIMAR KENNEDY ; RANGEL MIGUEL, THAIZ BATISTA AZEVEDO ; CHAVES, MARLOS DE MEDEIROS ; BARROS, FRANCISCO CLAUDIO DE FREITAS ; FARIAS, CAMILA PESSOA ; DE MOURA, THIAGO ALVES ; FERREIRA, ODAIR PASTOR ; PASCHOAL, ALEXANDRE ROCHA ; SOUZA FILHO, ANTONIO GOMES ; DE CASTRO MIGUEL, EMILIO . Silver nanoparticles (AgNPs)

internalization and passage through the *Lactuca sativa* (Asteraceae) outer cell wall. *FUNCTIONAL PLANT BIOLOGY*, v. 48, p. 1113-1123, 2021.

43- GOMES, R. C. ; BIANCHI, C. ; OLIVEIRA, V. P. V. de . ANÁLISE DA MULTIDIMENSIONALIDADE DOS CONCEITOS DE BACIA HIDROGRÁFICA. *GEOGRAPHIA (UFF)*, v. 23, p. 1-17, 2021.

44- ANDRADE, R. M. C.; ARAGÃO, BELMONDO R.; OLIVEIRA, PEDRO ALMIR M.; MAIA, MARCIO E.F.; VIANA, WINDSON; NOGUEIRA, TALES P. Multifaceted infrastructure for self-adaptive IoT systems. *INFORMATION AND SOFTWARE TECHNOLOGY*, v. 132, p. 106505, 2021.

45- MAGALHAES, RP; LETTICH, F; MACEDO, JÁ; NARDINI, FM; PEREGO, R; RENSO, C; TRANI, R. Speed prediction in large and dynamic traffic sensor networks. *INFORMATION SYSTEMS*, v. 98, 2021.

46- BATISTA, MARIA EDENILCE PEIXOTO ; LOIOLA, MARIA IRACEMA BEZERRA ; SOARES, ARLETE APARECIDA ; MASTROBERTI, ALEXANDRA A. ; SÁ, ARTUR ABREU ; NASCIMENTO JR., DANIEL RODRIGUES ; SILVA FILHO, WELLINGTON FERREIRA ; KUNZMANN, LUTZ . New Insights into the Evolution of Mucilage Cells in Araucariaceae: *Araucaria violetae* sp. nov. from the Early Cretaceous Araripe Basin (Northeast Brazil). *INTERNATIONAL JOURNAL OF PLANT SCIENCES*, p. 000-000, 2021.

47- OLIVEIRA, FRANCISCO G.S.; BOHN, F.; Correia, Adriana N.; VASCONCELOS, IGOR F.; De Lima-Neto, Pedro. Fe-Co coatings electrodeposited from eutectic mixture of choline chloride-urea: Physical characterizations and evaluation as electrocatalysts for the hydrogen evolution reaction. *JOURNAL OF ALLOYS AND COMPOUNDS*, v. 851, p. 156330, 2021.

48- PEREIRA, JULIERMES C.; DOS SANTOS, LUIS P.M.; ALCANFOR, ANA A.C.; DE SANT'ANA, HOSIBERTO B.; FEITOSA, FELIPE X.; Campos, Othon S.; Correia, Adriana N.; CASCIANO, PAULO N.S.; De Lima-Neto, Pedro. Effects of electrodeposition parameters on corrosion resistance of ZnSn coatings on carbon steel obtained from eutectic mixture based on choline chloride and ethylene glycol. *JOURNAL OF ALLOYS AND COMPOUNDS*, v. 886, p. 161159, 2021.

49- SINGH, C; NIKOLIC, MV; NARANG, SB; SOMBRA, ASB; ZHOU, D;; PANINA, L (PANINA, LARRISA)9; SINGH, J; TRUKHANOV, A. Controllable morphology, dielectric, magnetic and reflection loss characteristics of ferrite/wax composites for low-loss applications. *JOURNAL OF ALLOYS AND COMPOUNDS*, Volume 888, Número do artigo 161611. 2021.

- 50- VINNIK, DA; ZHIVULIN, VE; UCHAEV, DA ; GUDKOVA, SA; ZHIVULIN, DE; STARIKOV, AY; TRUKHANOV, SV; TURCHENKO, VA; ZUBAR, TI GAVRILOVA, TP EREMINA, RM; FADEEV, E; LAHDERANTA, E; SOMBRA, ASB; ZHOU, D; JOTANIA, RB; SINGH, C; TRUKHANOV, AV, Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites - JOURNAL OF ALLOYS AND COMPOUNDS – V,859, 158365, 2021.
- 51- SINGH, J; SINGH, C; KAUR, D; NARANG, SB; JOTANIA, RB; KAGDI, A ; JOSHI, R; SOMBRA, ASB; ZHOU, D; TRUKHANOV, S; PANINA, L. Development of doped Ba-Sr hexagonal ferrites for microwave absorber applications: Structural characterization, tunable thickness, absorption peaks and electromagnetic parameters. JOURNAL OF ALLOYS AND COMPOUNDS - Volume: 855, p157242, 2021.
- 52- MATOS, MAILSON; CLARO, FRANCINE C.; LIMA, TIELIDY A.M.; AVELINO, FRANCISCO; HANSEL, FABRICIO A.; MACIEL, GISELLE M.; LOMONACO, DIEGO; MAGALHÃES, WASHINGTON L.E. Acetone: Water fractionation of pyrolytic lignin improves its antioxidant and antibacterial activity. JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, v. 156, p. 105175, 2021.
- 53- OBATA, DAVI ; POLETTI, MAURICIO . Positive Exponents for Random Products of Conservative Surface Diffeomorphisms and Some Skew Products. JOURNAL OF DYNAMICS AND DIFFERENTIAL EQUATIONS, 2021.
- 54- NASCIMENTO, C. D. V.; SIMMONS, R. W.; FEITOSA, J. P. A.; DIAS, C. T. S.; COSTA, M. C. G. Potential of superabsorbent hydrogels to improve agriculture under abiotic stresses. JOURNAL OF ARID ENVIRONMENTS, v. 189, p. 104496, 2021.
- 55- NASCIMENTO, CARLA DANIELLE VASCONCELOS DO; FEITOSA, JUDITH PESSOA DE ANDRADE; SIMMONS, ROBERT; DIAS, CARLOS TADEU DOS SANTOS; NASCIMENTO, ÍCARO VASCONCELOS DO; MOTA, JAEDSON CLÁUDIO ANUNCIATO; COSTA, MIRIAN CRISTINA GOMES. Durability indicatives of hydrogel for agricultural and forestry use in saline conditions. JOURNAL OF ARID ENVIRONMENTS, v. 195, p. 104622, 2021.
- 56- OLIVEIRA, F. R. C.; PASSOS, D. C.; BORGES-NOJOSA, D. M. Ecology of the lizard *Gonatodes humeralis* (Sphaerodactylidae) in a coastal area of the Brazilian semiarid: What differs from the Amazonian populations? JOURNAL OF ARID ENVIRONMENTS, v. 190, p. 1-9, 2021.
- 57- DA SILVA JÚNIOR, JOSÉ NUNES; ZAMPIERI, DÁVILA ; DE MATTOS, MARCOS CARLOS ; DUQUE, BRUNA RIBEIRO ; MELO LEITE JUNIOR, ANTONIO JOSÉ ; SILVA DE SOUSA, ULISSES ; DO NASCIMENTO, DAVID MACEDO ; SOUSA LIMA, MARY ANNE ; MONTEIRO, ANDRÉ JALLES . Addition to -A Hybrid Board Game to Engage Students in Reviewing Organic Acids and Bases Concepts-: Using the

Game Remotely during the COVID-19 Pandemic. JOURNAL OF CHEMICAL EDUCATION, v. 97, p. 3720-3726, 2020.

58- DA SILVA JÚNIOR, JOSÉ NUNES; UCHOA, DANIEL ESDRAS DE ANDRADE ; SOUSA LIMA, MARY ANNE ; MONTEIRO, ANDRÉ JALLES ; MELO LEITE JUNIOR, ANTONIO JOSÉ ; WINUM, JEAN-YVES ; BASSO, ANDREA . Addition to -Stereochemistry Game: Creating and Playing a Fun Board Game To Engage Students in Reviewing Stereochemistry Concepts-The Online Version-. JOURNAL OF CHEMICAL EDUCATION, . 98, p. 3055-3057, 2021 .

59- NUNES DA SILVA JÚNIOR, JOSÉ; SOUSA LIMA, MARY ANNE ; SILVA DE SOUSA, ULISSES ; MACEDO DO NASCIMENTO, DAVID ; MELO LEITE JUNIOR, ANTONIO JOSÉ ; VEGA, KIMBERLY BENEDETTI ; ROY, BÉATRICE ; WINUM, JEAN-YVES. Addition to -Reactions: An Innovative and Fun Hybrid Game to Engage the Students Reviewing Organic Reactions in the Classroom-: Using the Game Remotely during the COVID-19 Pandemic. JOURNAL OF CHEMICAL EDUCATION, v. 98, p. 2735-2737, 2021.

60- VIANA, LUIZ; CAMPÊLO, MANOEL; SAU, IGNASI; SILVA, ANA. A unifying model for locally constrained spanning tree problems. JOURNAL OF COMBINATORIAL OPTIMIZATION, v. 42, p. 125-150, 2021.

61- DE MEDEIROS, AMANDA FERNANDES ; DE SOUZA, BEATRIZ BLENDA PINHEIRO ; COUTINHO, LUCAS PINHEIRO ; MURAD, ALINE MELRO ; DOS SANTOS, PAULA IVANI MEDEIROS ; MONTEIRO, NORBERTO DE KÁSSIO VIEIRA ; SANTOS, ELIZEU ANTUNES DOS ; MACIEL, BRUNA LEAL LIMA ; DE ARAÚJO MORAIS, ANA HELONEIDA. Structural insights and molecular dynamics into the inhibitory mechanism of a Kunitz-type trypsin inhibitor from *Tamarindus indica* L. JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, v. 36, p. 480-490, 2021.

62- SILVA, JOSÉ BARBOSA ; COSTA, GABRIEL ; SILVA, MAURICÉLIO BEZERRA ; COSTA, STEFANE NUNES ; SANTOS, REGINA CLÁUDIA RODRIGUES ; SALES, FRANCISCO ADILSON MATOS ; Valentini, Antoninho ; CAETANO, EWERTON WAGNER SANTOS ; FREIRE, VALDER NOGUEIRA . Vibrational spectroscopy and phonon-related properties of monoclinic GABA, a non-proteinogenic inhibitory neurotransmitter amino acid. JOURNAL OF RAMAN SPECTROSCOPY, v. 52, p. 1294-1307, 2021.

63- BRANCO, RMGC ; DE CASTRO, NA ; OLIVEIRA, KML ; SANTOS, FAM ; ALMEIDA, EP; DA SILVA, FM; BRANCO, JLC. Mapping the basement architecture using magnetotelluric data across a coastal part of the Borborema structural province, Ceara – Brazil. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, 2021.

- 64- GOMES BARROSO, FRANCISCO RONY ; GOMES, VANEICIA DOS SANTOS ; CARVALHO, CARLOS EDUARDO ; LEDRU, MARIE PIERRE ; FAVIER, CHARLY ; Araújo, Francisca Soares ; BREMOND, LAURENT . Phytoliths from soil surfaces and water reservoirs of the Brazilian semi-arid Caatinga. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, v. 108, p. 103180, 2021.
- 65- SOUZA, ANA CLARA B. DE ; NASCIMENTO, DANIEL R. DO ; BATEZELLI, ALESSANDRO ; NEPOMUCENO FILHO, FRANCISCO ; LEOPOLDINO OLIVEIRA, KAREN M. ; MAIA DE ALMEIDA, NARELLE ; NORMANDO, MÁRCIO N. ; BARBOSA, THIAGO H. DA SILVA . Geochemical constraints on the origin and distribution of Cretaceous source rocks in the Ceará basin, Brazilian Equatorial margin. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, v. 107, p. 103092, 2021.
- 66- GONÇALVES, RENAN ; DE FARIAS, IOLANDA ; SILVA, MARIA FRANCILENE ; PESSOA, CLÁUDIA ; ZOCOLO, GUILHERME ; ZAMPIERI, DAVILA ; DE LEMOS, TELMA LEDA ; MONTE, FRANCISCO JOSE . Preparation, Spectral Characterization and Anticancer Potential of Cinnamic Esters. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 11, p. 1, 2021.
- 67- VEGA, KIMBERLY ; CRUZ, DANIEL ; OLIVEIRA, ARTUR ; DA SILVA, MARCOS ; DE LEMOS, TELMA ; OLIVEIRA, MARIA ; BERNARDO, RICARDO ; DE SOUSA, JACKSON ; ZANATTA, GEANCARLO ; NASÁRIO, FÁBIO ; MARSAIOLI, ANITA ; De MATTOS, MARCOS . Chemoenzymatic Synthesis of Apremilast: A Study Using Ketoreductases and Lipases. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 32, p. 1100-1110, 2021.
- 68- MATOS, THIAGO KELVIN ; GUEDES, JHONYSON ; ALVES FILHO, ELENILSON ; LUZ, LÍCIA ; LOPES, GISELE SIMONE ; DO NASCIMENTO, RONALDO ; DE SOUSA, JOÃO ; CANUTO, KIRLEY ; DE BRITO, EDY ; DIAS-PINI, NIVIA ; ZOCOLO, GUILHERME . Integrated UPLC-HRMS, Chemometric Tools, and Metabolomic Analysis of Forage Palm (*Opuntia* spp. and *Nopalea* spp.) to Define Biomarkers Associated with Non-Susceptibility to Carmine Cochineal (*Dactylopius opuntiae*). JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 00, p. 1-11, 2021.
- 69- SILVEIRA, RAISA ; CARVALHO, ANA ; Bünger, Mariana ; GOMES, MANUELLA ; DA COSTA, ITAYGUARA . How Much do the Environmental Conditions Interfere with the Essential Oils of *Eugenia* spp. L. (Myrtaceae)?. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 00, p. 1, 2021.
- 70- SILVA, ANA KARINE; PINTO, FRANCISCO; CANUTO, KIRLEY; BRAZ FILHO, RAIMUNDO; SILVA, ROSE ANNY; SANTOS, FLÁVIA; MONTEIRO, NORBERTO; SILVEIRA, EDILBERTO; PESSOA, OTÍLIA. Anti-Inflammatory Meroterpenoids of *Cordia glazioviana* (Boraginaceae). JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 32, p. 1424-1434, 2021.

71- BESSA, R. A. ; PEREIRA, A. L. S. ; ROSA, M. F. ; ANDERSON, M. W. ; LOIOLA, A.R. . Hierarchization of Zeolites A and X Using Bacterial Cellulose as Macroporous Support. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 32, p. 1822-1831, 2021.

72- RODRIGUES, FRANCISCO ALESSANDRO; GIFFONY, PRISCYLLA; DOS SANTOS, SARAH; GUEDES, JHONYSON; RIBEIRO, MARIA ELENIR; DE ARAÚJO, TAMARA; DA SILVA, LARISSA; ZOCOLO, GUILHERME; RICARDO, NÁGILA. *Spondias purpurea* L. Stem Bark Extract: Antioxidant and in vitro Photoprotective Activities. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, v. 00, p. 1-13, 2021.

73- BRANDAO SANTOS, FELIPE; FAXINA, ADALBERTO LEANDRO; de Aguiar Soares, Sandra. Effect of Soy-Based Asphalt Rejuvenators on Asphalt Binders of Different Performance Grades. Journal of Transportation Engineering Part B-Pavements, v. 147, p. 04020090, 2021.

74- MENEZES, FERNANDO HEBERSON ; FEIJÓ, ANDERSON ; FERNANDES'FERREIRA, HUGO ; DA COSTA, ITAYGUARA RIBEIRO ; CORDEIRO'ESTRELA, PEDRO . Integrative systematics of Neotropical porcupines of *Coendou prehensilis* complex (Rodentia: Erethizontidae). JOURNAL OF ZOOLOGICAL SYSTEMATICS AND EVOLUTIONARY RESEARCH, v. 1, p. 1-30, 2021.

75- DIÓGENES, RAFAEL ; GADELHA, TIAGO ; RIBEIRO, ERNANI . Geometry of compact quasi-Einstein manifolds with boundary. MANUSCRIPTA MATHEMATICA, 2021.

76- LA BRUNA, V ; BEZERRA, FHR; SOUZA, VHP ; MAIA, RP; AULER, AS; ARAUJO, REB; CAZARIN, CL; RODRIGUES, MAF; VIEIRA, LC; SOUSA, MOL. High-permeability zones in folded and faulted silicified carbonate rocks ? Implications for karstified carbonate reservoirs. MARINE AND PETROLEUM GEOLOGY, 2021.

77- SOUZA, ANA CLARA B. DE ; NASCIMENTO, DANIEL R. DO ; NEPOMUCENO FILHO, FRANCISCO ; BATEZELLI, ALESSANDRO ; SANTOS, FELIPE H. DOS ; LEOPOLDINO OLIVEIRA, KAREN M. ; MAIA DE ALMEIDA, NARELLE . Sequence stratigraphy and organic geochemistry: An integrated approach to understand the anoxic events and paleoenvironmental evolution of the Ceará basin, Brazilian Equatorial margin. MARINE AND PETROLEUM GEOLOGY **JCR**, v. 129, p. 105074, 2021

78- CARNEIRO, P. B. M. ; LIMA, J. P. ; BANDEIRA, E. V. P. ; XIMENES NETO, A. R. ; ROCHABARREIRA, Cristina de Almeida ; TAMEGA, F. T. S. ; MATTHEWS CASCON, HELENA ; FRANKLIN JUNIOR, Wilson ; MORAIS, J. O. . Structure, growth and CaCO₃ production in a shallow rhodolith bed from a highly energetic siliciclastic-carbonate coast in the equatorial SW Atlantic Ocean Rhodolith bed structure

and production under energetic conditions. *MARINE ENVIRONMENTAL RESEARCH*, v. 166, p. 1-8, 2021.

79- CARMO, JOSÉ VITOR C. DO ; LIMA, CLEANIO L. ; MOTA, GABRIELA ; SANTOS, ARIANE M. S. ; COSTA, LUDYANE N. ; GHOSH, ANUPAMA ; VIANA, BARTOLOMEU C. ; SILVA, MONIQUE ; SOARES, JOÃO M. ; TEHUACANERO-CUAPA, SAMUEL ; LANG, ROSSANO ; OLIVEIRA, ALCINEIA C. ; RODRÍGUEZ-CASTELLÓN, ENRIQUE ; RODRÍGUEZ-AGUADO, ELENA . Effects of the Incorporation of Distinct Cations in Titanate Nanotubes on the Catalytic Activity in NO_x Conversion. *MATERIALS*, v. 14, p. 2181, 2021.

80- BESSA, RAQUEL A. ; FRANÇA, ANTONIA MAYZA M. ; PEREIRA, ANDRÉ LUÍS S. ; ALEXANDRE, NATÁLIA P. ; PÉREZ-PAGE, MARIA ; HOLMES, STUART M. ; NASCIMENTO, RONALDO F. ; ROSA, MORSYLEIDE F. ; ANDERSON, MICHAEL W. ; LOIOLA, ADONAY R. . Hierarchical zeolite based on multiporous zeolite A and bacterial cellulose: An efficient adsorbent of Pb²⁺. *MICROPOROUS AND MESOPOROUS MATERIALS*, v. 312, p. 110752, 2021.

81- DE F. CESÁRIO, HOZANA PATRÍCIA S.; SILVA, FRANCISCA CRISLÂNDIA O.; FERREIRA, MARIA KUEIRISLENE A.; DE MENEZES, JANE EIRE S.A.; DOS SANTOS, HÉLCIO S.; NOGUEIRA, CARLOS E.S.; DE L. SILVA, KARÍSIA S.B.; HAJDU, EDUARDO; Silveira, Edilberto R.; Pessoa, Otília Deusdênia L. Anxiolytic-like effect of brominated compounds from the marine sponge *Aplysina fulva* on adult zebrafish (*Danio rerio*): Involvement of the GABAergic system. *NEUROCHEMISTRY INTERNATIONAL*, v. 146, p. 105021-105030, 2021.

82- SILVA, FRANCISCO H. DOS S ; BEZERRA, GABRIEL M. ; HOLANDA, GABRIEL B. ; SOUZA, J. WELLINGTON M. DE ; REGO, PAULO A.L. ; LIRA NETO, ALOÍSIO V. ; DE ALBUQUERQUE, VICTOR HUGO C. ; REBOUÇAS FILHO, PEDRO P. . A novel feature extractor for human action recognition in visual question answering. *PATTERN RECOGNITION LETTERS*, v. 147, p. 41-47, 2021.

83- MAIA, LUÍS FERNANDO ; VIANA, WINDSON ; TRINTA, FERNANDO . Transposition of Location-based Games: Using Procedural Content Generation to deploy balanced game maps to multiple locations. *Pervasive and Mobile Computing*, v. 70, p. 101302, 2021.

84- KUBLI, N ; HERRMANN, HJ -. Thermostat for a relativistic gas. *PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS - V561 – p; 125261*, 2021.

85- LIMA, F.W.S. ; SUMOUR, MUNEER A. ; MOREIRA, ANDRÉ A. ; ARAÚJO, ASCÂNIO D. . Non-equilibrium BCS model on Apollonian networks. *PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS*, v. 571, p. 125834, 2021.

- 86- DE SOUSA, JM;; GIRAO, EC; FONSECA, AF; SOUZA, AG; GALVAO, DS, Computational study of elastic, structural stability and dynamics properties of penta-graphene membrane - CHEMICAL PHYSICS - V 542, p 111052, 2021
- 87- PEREIRA, A. C. L.; BEZERRA, K. S.; SANTOS, J. L. S.; I. N. OLIVEIRA, J.; FREIRE, V. N.; FULCO, U. L. In silico approach of modified melanoma peptides and their immunotherapeutic potential. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, v. 23, p. 2836-2845, 2021.
- 88- VIANNA, JF; BEZERRA, KS ; COSTA, AHL ; BARBOSA, ED; NETO, JXL; OLIVEIRA, JIN; FREIRE, VN; FULCO, UL New ethionamide boosters and EthR2: structural and energetic analysis. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 2021.
- 89- MIRANDA, L. P. ; MILOVANOVI', S. P. ; Filho, R. N. Costa ; PEETERS, F. M. Hall and bend resistance of a phosphorene Hall bar. PHYSICAL REVIEW B, v. 104, p. 035401, 2021.
- 90- CUNHA, SM; DA COSTA, DR; PEREIRA, MP; COSTA , RNC; VAN DUPPEN, B; PEETERS, FM. Band-gap formation and morphing in alpha-T-3 superlattices; PHYSICAL REVIEW B - Volume 104, Edição 11, Número do artigo 115409, 2021.
- 91- MIRANDA, LP, MILOVANOVIC, SP; FILHO, RNC; PEETERS, FM. Hall and bend resistance of a phosphorene Hall bar. PHYSICAL REVIEW B – Volume 104, Número do artigo 035401, 2021.
- 92- CUNHA, S. M. ; DA COSTA, D. R. ; PEREIRA, J. MILTON ; FILHO, R. N. COSTA ; VAN DUPPEN, B. ; PEETERS, F. M. Band-gap formation and morphing in alpha-T-3 superlattices. PHYSICAL REVIEW B, v. 104, p. 115409, 2021.
- 93- CHAVES, A. ; SOUSA, G. O. ; KHALIJI, K. ; DA COSTA, D. R. ; FARIAS, G. A. ; LOW, TONY. Signatures of subband excitons in few-layer black phosphorus. PHYSICAL REVIEW B, v. 103, p. 165428, 2021.
- 94- BARROS, EDUARDO B.; VIEIRA, BRUNO GONDIM ; MUELLER, NICLAS S. ; REICH, STEPHANIE . Plasmon polaritons in nanoparticle supercrystals: Microscopic quantum theory beyond the dipole approximation. PHYSICAL REVIEW B, v. 104, p. 035403, 2021.
- 95- MOREIRA, A. R. P. ; SILVA, J. E. G. ; LIMA, F. C. E. ; ALMEIDA, C. A. S. Thick brane in $f(T,B)$ gravity. PHYSICAL REVIEW D, v. 103, p. 064046, 2021.
- 96- MALUF, R.'V.; NEVES, JULIANO C.'S. Black holes with a cosmological constant in bumblebee gravity. PHYSICAL REVIEW D, v. 103, p. 044002, 2021.

- 97- LIMA, F. C. E. ; PETROV, A. Y. ; C.A.S. Almeida . Vortex solutions in nonpolynomial scalar QED. PHYSICAL REVIEW. D. PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY (ONLINE), v. 103, p. 096019, 2021.
- 98- VIEIRA, AP; GOLES, E HERRMANN, HJ. Phase transitions in a conservative game of life. PHYSICAL REVIEW E – V. 103. P.012132, 2021
- 99- SANTANA, LUCAS NUNES; TAVARES, LETHICIA SOUZA; DORVIGNY, BETTY MANCEBO; SOUZA, FRANCISCO DE ASSIS LEITE; PAIVA, BRUNO HENRIQUE DE ALBUQUERQUE; EVÊNCIO-NETO, JOAQUIM; HOUNKONNOU, SOKE GNINLOME CEDRIL; SILVA, AYRLES FERNANDA BRANDÃO; RAMOS, MÁRCIO VIANA; LIMA-FILHO, JOSE VITOR. Anti-infective activity of Cratylia argentea lectin (CFL) against experimental infection with virulent *Listeria monocytogenes* in Swiss mice. PHYTOMEDICINE, v. 94, p. 153839, 2021.
- 100- ARAÚJO, GYEDRE DOS SANTOS ; LOPES, LINEKER DE SOUSA ; PAULA-MARINHO, STELAMARIS DE OLIVEIRA ; MESQUITA, ROSILENE OLIVEIRA ; NAGANO, CELSO SHINITI ; VASCONCELOS, FÁBIO ROGER ; DE CARVALHO, HUMBERTO HENRIQUE ; MOURA, ARLINDO DE ALENCAR ARARIPE NORONHA ; MARQUES, ELTON CAMELO ; GOMES-FILHO, ENÉAS. H₂O₂ priming induces proteomic responses to defense against salt stress in maize. Plant Molecular Biology, v. x, p. 1-16, 2021.
- 101- Mesquita, LSF ; Matos, TS ; Avila, FD; da Silva, AB; Moura, AF; de Moraes, MO; da Silva, MCM; Ferreira, TLA Nascimento, NRF ; Monteiro, NKV ; Pessoa, ODL. Diterpenoids from Leaves of Cultivated *Plectranthus ornatus*. PLANTA MEDICA, 2021.
- 102- SANTOS, E. B. DOS ; LEITÃO, R. . On the Hölder regularity for solutions of integro-differential equations like the anisotropic fractional Laplacian. SN PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS, v. 2, p. 25, 2021.
- 103- SOARES, ALEXANDRA M. S.; ALENCAR, LUCIANA M. R.; DIAS, LUCAS P.; LIMA, RUANA C.; ROCHA SILVA, CAROLINA; SANTOS-OLIVEIRA, RALPH; OLIVEIRA, JOSE T. A.; JUNIOR, LIVIO M. C.; SOUZA, PEDRO F. N. New Insights into Anthelmintic Mechanisms of Action of a Synthetic Peptide: An Ultrastructural and Nanomechanical Approach. POLYMERS, v. 13, p. 2370, 2021.
- 104- BEZERRA, JAMERSON ; POLETTI, MAURICIO . Random product of quasi-periodic cocycles. PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, v. 149, p. 2927-2942, 2021.
- 105- BRAGA, J. EDERSON M. ; MOREIRA, DIEGO . Classification of Nonnegative g -Harmonic Functions in Half-Spaces. POTENTIAL ANALYSIS, v. 55, p. 369-387, 2021.

- 106- LOPES, LA; DIAS, LP ; DA COSTA, HPS ; NETO, JXD; MORAIS, EG; DE OLIVEIRA, JTA; VASCONCELOS, IM; DE SOUSA, DDB. Immobilization of a peroxidase from *Moringa oleifera* Lam. roots (MoPOX) on chitosan beads enhanced the decolorization of textile dyes. *PROCESS BIOCHEMISTRY*, 2021.
- 107- REBOUÇAS, NATANAEL COSTA ; RIBEIRO, RAYANE DE TASSO MOREIRA ; LOIOLA, MARIA IRACEMA BEZERRA . Do jardim à sala de aula: metodologias para o ensino de Botânica na escola. *REVISTA DE ENSINO DE CIÊNCIAS E MATEMÁTICA (REnCiMa)*, v. 12, p. 1-23, 2021.
- 108- BARBOSA, ABD; MAIA, RP; PONTES, CCC; NOGUEIRA, FCC; BEZERRA, FHR. Conditioning of relief along fault zones with deformation bands in the Rio do Peixe Sedimentary Basin, Brazil. *REVISTA BRASILEIRA DE GEOMORFOLOGIA*, 2021.
- 109- OLIVEIRA, A. M.. Juventude camponesa na luta pela educação pública no Ceará - Brasil. *REVISTA NERA (UNESP)*, v. 24, p. 283-301, 2021.
- 110- GAMA, ES; HEINONEN, E; DE LIRA, JH MARTIN, F THE JENKINS-Serrin problem for translating horizontal graphs in $M \times R$. *REVISTA MATEMATICA IBEROAMERICANA*, 2021.
- 111- ISHIMOTO, CAROLINE KIE; AONO, ALEXANDRE HILD; NAGAI, JAMES SHINITI; SOUSA, HÉRIO; MIRANDA, ANA ROBERTA LIMA; MELO, VANIA MARIA MACIEL; MENDES, LUCAS WILLIAM; ARAUJO, FABIO FERNANDO; DE MELO, WANDERLEY JOSÉ; KUROSHU, REGINALDO MASSANOBU; ESPOSITO, ELISA; ARAUJO, ADEMIR SERGIO FERREIRA. Microbial co-occurrence network and its key microorganisms in soil with permanent application of composted tannery sludge. *SCIENCE OF THE TOTAL ENVIRONMENT*, v. 789, p. 147945, 2021.
- 112- MEDEIROS, MATEUS C.; DE MEDEIROS, JEFFERSON B. ; MARTÍNEZ-HUITLE, CARLOS A. ; OLIVEIRA, THIAGO MIELLE B.F. ; MAZZETTO, SELMA E. ; DA SILVA, FRANCISCO FELIPE M. ; CASTRO, SUELY S.L. . Long-chain phenols oxidation using a flow electrochemical reactor assembled with a TiO₂-RuO₂-IrO₂ DSA electrode. *SEPARATION AND PURIFICATION TECHNOLOGY*, v. 264, p. 118425, 2021.
- 113- FREIRE, JESSICA M.A. ; LADO, JULIO J. ; GARCÍA-QUISMONDO, ENRIQUE ; BURILLO, GONZALO C. ; PALMA, JESÚS ; Loiola, Adonay R. ; LONGHINOTTI, ELISANE ; ANDERSON, MARC A. . Strategies to boost capacitive deionization performance of 3D electrodes. *SEPARATION AND PURIFICATION TECHNOLOGY*, v. 273, p. 118977, 2021.
- 114- NOVAES, M.A.S. ; LIMA, L.F. ; SÁ, N.A.R. ; FERREIRA, A.C.A. ; PAES, V.M. ; SOUZA, J.F. ; ALVES, B.G. ; Gramosa, N.V. ; TORRES, C.A.A. ; PUKAZHENTHI, B. ;

GASTAL, E.L. ; FIGUEIREDO, J.R. . Impact of ethanol and heat stress-dependent effect of ultra-diluted *Arnica montana* 6 cH on in vitro embryo production in cattle. THERIOGENOLOGY, v. 162, p. 105-110, 2021.

115- NUNES, MARÍLIA OLIVEIRA; FÁTIMA GOEBEL DE SOUZA, TAMIRIS DE; PIERDONÁ, TAIANA MAGALHÃES; Ramos, Márcio Viana; FERREIRA, KAYANNY QUEIROZ; DUARTE, REBECA SILVA; SHAHWAR, DUR E.; WILKE, DIEGO VERAS; WONG, DEYSI VIVIANA TENAZOA; ALENCAR, NYLANE MARIA NUNES. In vitro biocompatibility and wound healing properties of latex proteins dressing. TOXICOLOGY IN VITRO, v. 76, p. 105230, 2021.

116- ZANARDO, LARISSA G. ; TRINDADE, TIAGO A. ; MAR, TALITA B. ; BARBOSA, TARSIANE M.C. ; MILANESI, DIOGO F. ; Alves, Murilo S. ; LIMA, ROBERTA R.P.N. ; ZERBINI, F. MURILO ; JANSSEN, ARNE ; MIZUBUTI, EDUARDO S.G. ; ELLIOT, SIMON L. ; Carvalho, Claudine M. . Experimental evolution of cowpea mild mottle virus reveals recombination-driven reduction in virulence accompanied by increases in diversity and viral fitness. VIRUS RESEARCH, v. x, p. 198389, 2021.

117- PACHECO PASSOS NETO, OSCAR; BEZERRA DOS SANTOS, ANDRÉ; Feitosa Silva, José Roberto; MOTA, SUETÔNIO. Alterations in the Development and Gonadal Structure of Nile Tilapia (*Oreochromis niloticus*) Exposed to Natural and Synthetic Estrogens. WATER, AIR AND SOIL POLLUTION (DORDRECHT. ONLINE), v. 232, p. 448, 2021.

QUALIS B1

- 1- MATIAS, LIGIA Q.; GUEDES, F. M. ; NASCIMENTO, H. P. ; SFAIR, J. C. . Breaking the misconception of a dry and lifeless semiarid region: the diversity and distribution of aquatic flora in wetlands of the Brazilian Northeast. ACTA BOTANICA BRASILICA, v. 35, p. ROD-2020-0189.R-16, 2021.
- 2- JARDIM, JOMAR GOMES ; SOUZA, ELNATAN BEZERRA ; LOIOLA, MARIA IRACEMA BEZERRA . *Faramea baturitensis* (Rubiaceae: Coussareeae), a new species from the Serra de Baturité, Northeastern Brazil. ACTA BOTANICA BRASILICA, v. 34, p. 778-782, 2021.
- 3- MARQUES FONSECA, MAIRA CHRISTINA ; DE ÁVILA, MARIANE BORGES RODRIGUES ; COUTINHO, ÍTALO ANTÔNIO COTTA ; DAS DÔRES, ROSANA GONÇALVES RODRIGUES ; MEIRA, RENATA MARIA STROZI ALVES ; SILVA, ANDRÉIA FONSECA . Biomass production, essential oil's yield and composition of three genotypes of *Mikania laevigata* Sch. Bip. ex Baker. ACTA PHYSIOLOGIAE PLANTARUM, v. 43, p. 71, 2021.

- 4- RODRIGUES, J. A. G.; QUINDERÉ, ANA LUIZA GOMES; BENEVIDES, N. M. B. In vitro effects of an *Acanthophora muscoides* (Cerámiales, Rhodophyta) native and modified sulfated polysaccharide fraction on thrombin generation. ACTA SCIENTIARUM-TECHNOLOGY, v. 43, p. 1-13, 2021.
- 5- RODRIGUES, J. A. G. ; BENEVIDES, N. M. B.; SOARES, SANDRA DE AGUIAR; FEITOSA, JOHNNY P.M. Sulfated agarán with 4,6-pyruvated form from red seaweed *Acanthophora muscoides* attenuates thrombin formation: in vitro and ex vivo studies. ACTA SCIENTIARUM. TECHNOLOGY (ONLINE), v. 43, p. v43i1.55043-1714, 2021.
- 6- MCMANUS, CONCEPTA ; NEVES, ABILIO A. BAETA ; DINIZ FILHO, JOSÉ ALEXANDRE ; MARANHÃO, ANDREA Q. ; Souza Filho, Antonio G. . Profiles not metrics: the case of Brazilian universities. ANAIS DA ACADEMIA BRASILEIRA DE CIÊNCIAS, v. 93, p. e20200261, 2021.
- 7- BRUZACA, EVELLIN; DE OLIVEIRA, RAISSA; DUARTE, MATEUS; PINHEIRO SOUSA, CAMILA; MORAIS, SIMONE; CORREIA, Adriana Nunes; Lima-Neto, Pedro. Electrochemical Sensor based on Multi-walled Carbon Nanotubes for Imidacloprid Determination. Analytical Methods, v. 13, p. 2124-2136, 2021.
- 8- LIMA, F.C.E. ; C. A. S. ALMEIDA ; GOMES, D. A. Correlations between emission events in Rainbow Gravity. ANNALS OF PHYSICS, v. 428, p. 168436, 2021.
- 9- LESSA, L. A. ; OLIVEIRA, R. ; SILVA, J. E. G. ; C. A. S. ALMEIDA. Traversable wormhole solution with a background Kalb-Ramond field. ANNALS OF PHYSICS, v. 433, p. 168604, 2021.
- 10- LIMA, F.C.E. ; ALMEIDA, C. A. S. Compact-like vortices in isotropic curved spacetime. ANNALS OF PHYSICS, v. 434, p. 168648, 2021.
- 11- TOMAZ, ANTONIO EMERSON B.; NASCIMENTO, JOSÉ CLÁUDIO DO; de Souza, José Neuman. Blockchain-based whistleblowing service to solve the problem of journalistic conflict of interest. ANNALS OF TELECOMMUNICATIONS, v. online, p. online, 2021.
- 12- AMARAL, J. L. ; FREITAS, C.D. T. ; RODRIGUES, J. P. V. ; HUSSAIN, G. ; RAMOS, MÁRCIO V. ; SOUZA, P. F. N. . Peptide fraction from latex of *Calotropis procera* exhibits antifungal and insecticidal activities. Arthropod-PLANT INTERACTIONS , v. x, p. x-x, 2021.
- 13- OLIVEIRA, ISAAC GOMES ; FREIRES, THAINARA ; MACIEL, ERYCKSON ; DOS SANTOS, LUCILENE ; PASCHOAL, WILLIAM ; NERI, TEREZA . Aspectos Gemológicos de Ametistas de Quixeramobim, Brasil. ANUÁRIO DO INSTITUTO DE GEOCIÊNCIAS - UFRJ, v. 44, p. 1-10, 2021.

- 14- UCHOA, E. B. ; MAGINI, C. ; CASTELO BRANCO ; SILVA, N. C. V. ; SILVA, F. M. Diretrizes para aquisição e processamento de dados geofísicos magnetotelúrico: o caso do fragmento cratônico São Luis/MA. ANUÁRIO DO INSTITUTO DE GEOCIÊNCIAS - UFRJ, v. 44, p. 41469-41469, 2021.
- 15- RAMOS, E. A. ; DE MORAIS-JUNIOR, C.S. ; RODRIGUES-FILHO, C.A. S. ; SÁNCHEZ-BOTERO, J. I. ; MELO JÚNIOR, M. ; NOVAES, J. L. C. . Influence of spatial and environmental factors on the structure of a zooplankton metacommunity in an intermittent river. AQUATIC ECOLOGY, v. 1, p. 1-11, 2021.
- 16- DO CARMO, JOSÉ VITOR C. ; PINHEIRO, ANDRÉ LUIS G. ; OLIVEIRA, ALCINEIA C. ; DE CASTRO, MANUELA O. ; SOARES, JOÃO M. ; PADRON-HERNANDEZ, E. ; PEÑA-GARCIA, R. ; SARAIVA, GILBERTO D. ; RODRÍGUEZ-CASTELLÓN, ENRIQUE ; RODRÍGUEZ-AGUADO, ELENA . Comparison of the catalytic performance of YIG garnets and Fe-containing oxides catalysts for oxidation of ethylbenzene. CERAMICS INTERNATIONAL, v. 47, p. 6279-6289, 2021.
- 17- LIMA, CDA ; MOURA, JVB ; PINHEIRO, GS ; ARAUJO, JFDF; GUSMAO, SBS; VIANA, BC.; FREIRE, PTC.; LUZ-LIMA, C. Co-doped hierarchical microrods: Synthesis, structure and phonon properties. CERAMICS INTERNATIONAL, 2021.
- 18- ABREU, TO; ABREU, RF; DO CARMO, FF; DE SOUSA, WV; BARROS, HD; DE MORAIS, JEV ; DO NASCIMENTO, JPC; DA SILVA, MAS; TRUKHANOV, S TRUKHANOV, A; PANINA, L; SINGH, C ; SOMBRA, ASB. A novel ceramic matrix composite based on YNbO₄-TiO₂ for microwave applications; CERAMICS INTERNATIONAL - Volume: 47 - Edição: 11 - Páginas: 15424-15432 - DOI: 10.1016/j.ceramint.2021.02.108. Publicado: JUN 1 2021. ISSN: 0272-8842. eISSN: 1873-3956.
- 19- DO CARMO, JOSÉ VITOR C. ; PINHEIRO, ANDRÉ LUIS G. ; OLIVEIRA, ALCINEIA C. ; DE CASTRO, MANUELA O. ; SOARES, JOÃO M. ; PADRON-HERNANDEZ, E. ; PEÑA-GARCIA, R. ; SARAIVA, GILBERTO D. ; RODRÍGUEZ-CASTELLÓN, ENRIQUE ; RODRÍGUEZ-AGUADO, ELENA . Comparison of the catalytic performance of YIG garnets and Fe-containing oxides catalysts for oxidation of ethylbenzene. CERAMICS INTERNATIONAL , v. 47, p. 6279-6289, 2021.
- 20- VINNIK, DA; STARIKOV, AY; ZHIVULIN, VE; ASTAPOVICH, KA; TURCHENKO, VA ZUBAR, TI ; TRUKHANOV, SV; KOHOUT, J; KMJEC, T; YAKOVENKO, O; MATZUI, L; SOMBRA, ASB; ZHOU, D; JOTANIA, RB; SINGH, C; TRUKHANOV, AV. Structure and magnetodielectric properties of titanium substituted barium hexaferrites. CERAMICS INTERNATIONAL - V47, 17293-17306, 2021.
- 21- DA S. MOREIRA, KATERINE ; BARROS DE OLIVEIRA, ANDRÉ LUIZ ; SARAIVA DE MOURA JÚNIOR, LOUREMBERGUE ; GERMANO DE SOUSA, ISAMAYRA ; LUTHIERRE GAMA CAVALCANTE, ANTONIO ; SIMÃO NETO, FRANCISCO ; BUSSONS RODRIGUES VALÉRIO, ROBERTA ; VALÉRIO CHAVES, ANDERSON ;

- DE SOUSA FONSECA, THIAGO ; CRUZ, DANIEL M.V. ; VIEIRA LIMA, GLEDSON ; DE OLIVEIRA, GABRIEL PAIXÃO ; DE SOUZA, MARIA CRISTIANE MARTINS ; BASÍLIO ALMEIDA FECHINE, PIERRE ; de Mattos, Marcos Carlos ; MARQUES DA FONSECA, ALUÍSIO ; DOS SANTOS, JOSÉ C.S. . Taguchi design-assisted Co-immobilization of Lipase A and B from *Candida antarctica* onto Chitosan: characterization, kinetic resolution application, and docking studies. *CHEMICAL ENGINEERING RESEARCH & DESIGN*, v. 177, p. 223-244, 2021.
- 22-BRANDAO, N. C. ; BITTENCOURT, J. S. ; CALOR, A. R. ; MENDES, M. ; LANGER, M. C. . The Ephemeroptera (Hexapoda, Insecta) from the Lower Cretaceous Crato Formation (NE Brazil): a new genus and species, and reassessment of *Costalimella zuchi* Zomboni, 2001 and *Cratogenites corradinae* Martins-Neto, 1996.. *CRETACEOUS RESEARCH*, v. 127, p. 1-9, 2021.
- 23-SILVA, N. A.; NOBRE, N. F.; LOPES, G. S. Rapid and low-cost determination of total mercury in cat foods by photochemical vapor generation coupled to atomic absorption spectrometry. *BIOLOGICAL TRACE ELEMENT RESEARCH*, v. 199, p. 1161-1169, 2021.
- 24-WERNECK, L. ; MAGINI, C. ; NACSIMENTO, D. R. ; ANTUNES, R. L. . Ocorrência de rochas sedimentares carbonáticas do Cretáceo Superior no substrato da cidade de Fortaleza e suas possíveis implicações estratigráficas e estruturais. *GEOCIÊNCIAS (SÃO PAULO. ONLINE)*, v. 40, p. 373-395, 2021.
- 25-DE ABREU PEREIRA, VANESSA; DOS SANTOS PAZ, IARA; GOMES, AMANDA LIMA; LEITE, LORENA ALVES; FECHINE, PIERRE BASÍLIO A.; DE SÁ MOREIRA DE S. FILHO, MEN. Effects of acid activation on the halloysite nanotubes for curcumin incorporation and release. *APPLIED CLAY SCIENCE*, v. 200, p. 105953, 2021.
- 26- SANTANA, ALLAN M. ; FREIRE, TIAGO M. ; DA SILVA, FRANCISCO L.F. ; MENEZES, FERNANDO L. ; RAMOS, LAUREN L. ; CAVALCANTE, GIOVANNA R. ; FECHINE, LILLIAN M.U.D. ; VIEIRA, LAÍS H.S. ; Ferreira, Odair P. ; FREIRE, RAFAEL M. ; DENARDIN, JULIANO C. ; LOPES, GISELE S. ; MATOS, WLADIANA O. ; FECHINE, PIERRE B.A. . Organophosphorus halloysite nanotubes as adsorbent for lead preconcentration in wine and grape juice. *APPLIED CLAY SCIENCE*, v. 200, p. 105912, 2021.
- 27-ARAÚJO, ADEMIR SERGIO FERREIRA; OLIVEIRA, LOUISE MELO DE SOUZA; MELO, VANIA MARIA MACIEL; ANTUNES, JADSON EMANUEL LOPES; ARAÚJO, FÁBIO FERNANDO; MENDES, LUCAS WILLIAM. Distinct taxonomic composition of soil bacterial community across a native gradient of Cerrado-Ecotone-Caatinga. *APPLIED SOIL ECOLOGY*, v. 161, p. 103874, 2021.
- 28-LEITE, H.M.F.; CALONEGO, J.C.; ROSOLEM, C.A. ; MENDES, L.W.; DE MORAES, L.N.; GROTO, R.M.T.; ARAÚJO, F.F.; PEREIRA, A.P.A.; MELO, V.M. M.; ARAÚJO,

- FERREIRA, A.S. . Cover crops shape the soil bacterial community in a tropical soil under no-till. *APPLIED SOIL ECOLOGY*, v. 168, p. 104166, 2021.
- 29- AMORIM, M.R.; MENDES, L.W. ; ANTUNES, J.E.L.; OLIVEIRA, L.M.S. ; MELO, V.M.M. ; OLIVEIRA, F.A.S. ; AQUINO, J.P.A.; ROCHA, S.M.B.; PEREIRA, A.P.A.; DA COSTA, A.F. ; OLIVEIRA, J.P.; ARAUJO, F.F.; FIGUEIREDO, M.V.B. ; ARAUJO, A.S.F. . Cowpea nodules host a similar bacterial community regardless of soil properties. *APPLIED SOIL ECOLOGY*, v. 172, p. 104354, 2021
- 30- KAHRAMAN, Z. ; BASKURT, M. ; YAGMURCUKARDES, M. ; CHAVES, A. ; SAHIN, H. Stable Janus TaSe₂ single-layers via surface functionalization. *APPLIED SURFACE SCIENCE*, v. 538, p. 148064, 2021.
- 31- UCHOA, E. B. ; MAGINI, C. ; CASTELO BRANCO, R. M. G. ; VIEIRA, N.C. ; SILVA, F.M. . Diretrizes para Aquisição e Processamento de Dados Geofísicos Magnetotélúricos: O Caso do Fragmento Cratônico São Luís/Ma. *ANUÁRIO DO INSTITUTO DE GEOCIÊNCIAS (UFRJ. IMPRESSO)*, v. 44, p. 1-15, 2021.
- 32- SAMPAIO, VALÉRIA DA SILVA ; COUTINHO, ÍTALO ANTÔNIO COTTA ; SÄRKINEN, TIINA ; LOIOLA, MARIA IRACEMA BEZERRA . Secretory and ecological function of petiolar glands in *Solanum fernandesii*: first description of resin glands in genus *Solanum*. *AUSTRALIAN JOURNAL OF BOTANY*, v. 46, p. 1-9, 2021.
- 33- VIEIRA, MARIANO G.S. ; GRAMOSA, NILCE V. ; SILVEIRA, EDILBERTO R. . Chemical composition of *Xylopia nitida*: Diterpenes and alkaloids. *BIOCHEMICAL SYSTEMATICS AND ECOLOGY*, v. 95, p. 104229, 2021.
- 34- WOLIN, INGRID A.V.; HEINRICH, ISABELLA A.; NASCIMENTO, ANA PAULA M.; WELTER, PRISCILLA G.; SOSA, LILIANA DEL V.; DE PAUL, ANA LUCIA; ZANOTTO-FILHO, ALFEU; NEDEL, CLÁUDIA BEATRIZ; LIMA, LARA DIAS; OSTERNE, VINICIUS JOSE SILVA; PINTO-JUNIOR, VANIR REIS; Nascimento, Kyria S.; Cavada, Benildo S.; Leal, Rodrigo B. ConBr lectin modulates MAPKs and Akt pathways and triggers autophagic glioma cell death by a mechanism dependent upon caspase-8 activation. *BIOCHIMIE*, v. 180, p. 186-204, 2021.
- 35- OLIVEIRA, F. I. B. ; HERNANDEZ, E. V. ; SOLORZANO-KRAEMER, M. M. ; FREIRE, P. T. C. ; PASCHOAL, A. R. ; SILVA, J. H. ; MENDES, M. Taphonomic analysis of the paleontomofauna assemblage from the cenozoic of the Fonseca Basin, Southeastern Brazil. *BIOLOGIA (BRATISLAVA)* v. 36, p. 182, 2021.
- 36- DA SILVA, GABRIELA MARIA ; DA SILVA, MIRELLY CUNHA ; NASCIMENTO, DÉBORAH VICTÓRIA GOMES ; LIMA SILVA, ELLEN MAYARA ; GOUVÊA, FABÍOLA FURTADO FIALHO ; DE FRANÇA LOPES, LUIZ GONZAGA ; ARAÚJO, ALICE VALENÇA ; FERRAZ PEREIRA, KELLI NOGUEIRA ; DE QUEIROZ, THYAGO

MOREIRA . Nitric Oxide as a Central Molecule in Hypertension: Focus on the Vasorelaxant Activity of New Nitric Oxide Donors. *BIOLOGY*, v. 10, p. 1041, 2021.

- 37-DE SOUSA FONSECA, THIAGO ; DE OLIVEIRA, ULISSES MARCONDES FREIRE ; DE OLIVEIRA, MARIA DA CONCEIÇÃO FERREIRA ; DE LEMOS, TELMA LEDA GOMES ; DA SILVA, MARCOS REINALDO ; RIOS, NATHALIA SARAIVA ; GONÇALVES, LUCIANA ROCHA BARROS ; de Mattos, Marcos Carlos . Immobilization of Amano lipase AK from *Pseudomonas fluorescens* on different types of chitosan-containing supports: use in the kinetic resolution of rac-indanol. *BIOPROCESS AND BIOSYSTEMS ENGINEERING*, v. 44, p. 785-792, 2021.
- 38-MASCARENHAS, WILMARA ; OLIVEIRA, CICERO R. ; BENÍCIO, RONILDO A. ; ÁVILA, ROBSON W. ; RIBEIRO, SAMUEL C. . Nematodes of *Proceratophrys ararype* (Anura: Odontophrynidae), an endemic frog from the Araripe Plateau, northeastern Brazil. *BIOTA NEOTROPICA (ONLINE. EDIÇÃO EM INGLÊS)*, v. 21, p. 1, 2021.
- 39-GOMES, IARA RAFAELA; DANTAS, A. F. ; BARBOSA, T. F. G. . O ensino em tempos de pandemia da covid - 19: um olhar das experiências do fazer pedagógico remoto. *BOLETIM DE GEOGRAFIA (ONLINE)*, v. 39, p. 163-176, 2021.
- 40-LIMA, GD , ARAUJO, TP ; LIMA, JRD; PRAZERES, GMP; PASCHOAL, LONGO, E; TANAKA, AA; MACIEL, AP; BARBOSA, DAB; ALMEIDA, MAP. Biomolecule-assisted route to obtain nanostructured bismuth oxybromide with enhanced photocatalytic activity. *BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO*, 2021.
- 41-ALEXANDRE, N. P. ; OLIVEIRA, G. S. ; ALVES, C. R. F. ; SILVA, L. R. D. . Acid matrix production from treated natural vermiculite-hydrobiotite. *CERÂMICA*, v. 67, p. 145-150, 2021.
- 42-COELHO-DE-SOUZA, A.N. ; ALVES-SOARES, R. ; Oliveira, H.D. ; GOMES-VASCONCELOS, Y.A. ; SOUZA, P.J.C. ; SANTOS-NASCIMENTO, T. ; OLIVEIRA, K.A. ; DINIZ, L.R.L. ; GUIMARÃES-PEREIRA, J. ; LEAL-CARDOSO, J.H. . The essential oil of *Hyptis crenata* Pohl ex Benth. presents an antiedematogenic effect in mice. *BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH (on line)*, v. 54, p. e9422-e9425, 2021.
- 43-FONTELES, C.S. ; FINNELL, R.H. ; LEI, Y. ; ZURITA-JIMENEZ, M.E. ; MONTEIRO, A.J. ; GEORGE, T.M. ; HARSHBARGER, R.J. . De novo . variant detected in child with non-syndromic craniosynostosis. *Brazilian Journal of Medical and Biological Research (on line)*, v. 54, p. 1-8, 2021.
- 44-ARAÚJO-MAGALHÃES, GIANNE R. ; MACIEL, M. ; SILVA, LETICIA F. ; AGAMEZ-MONTALVO, G. S. ; SILVA, I. ; BEZERRA, JADSON D. P. ; SOUZA-MOTTA, C. ; MOREIRA, K. A. . Fungal endophytes from leaves of *Mandevilla*

- catimbauensis (Apocynaceae): Diversity and potential for L-asparaginase production. BRAZILIAN JOURNAL OF MICROBIOLOGY (ONLINE), v. 00, p. 00, 2021.
- 45- ARAÚJO FILHO, A. A. ; MALUF, R. V. Thermodynamic Properties in Higher-Derivative Electrodynamics. BRAZILIAN JOURNAL OF PHYSICS, v. 51, p. 820-830, 2021.
- 46- SOUSA, A. E. ; ROCHA, C. E. R. ; DANTAS, J. C. ; REINALDO, T. B. ; OLIVEIRA, A. M. ; FELICIANO, C. A. . Nos bastidores da paisagem: uma viagem geográfica pelos conflitos territoriais no Ceará, Piauí e Tocantins. CAMPO.TERRITÓRIO, v. 16, p. 265-296, 2021.
- 47- DE SOUSA, J.M. ; AGUIAR, A.L. ; GIRÃO, E.C. ; FONSECA, ALEXANDRE F. ; Souza Filho, A.G. ; GALVÃO, D.S. . Computational Study of Elastic, Structural Stability and Dynamics properties of Penta-graphene Membrane. CHEMICAL PHYSICS, v. 542, p. 111052, 2021.
- 48- COSTA FILHO, RAIMUNDO VALTER; SOUZA, JOSÉ NEUMAN DE; ANDRADE, LUIZ ODORICO MONTEIRO DE; OLIVEIRA, ANTÔNIO MAURO BARBOSA DE; DENIS, JEAN-LOUIS; RIBEIRO, LUZIA LUCÉLIA SARAIVA; RIBEIRO, KELEN GOMES; ANDRADE, DANIEL BARRETO DE; PEREIRA, SILAS SANTIAGO LOPES. LARIISA: soluções digitais inteligentes para apoio à tomada de decisão na gestão da ESTRATÉGIA DE SAÚDE DA FAMÍLIA. CIÊNCIA & SAÚDE COLETIVA, v. 26, p. 1701-1712, 2021.
- 49- SILVA, L. R. C. ; CARNEIRO, F. F. ; ANDRADE, N. S. M. ; MEIRELES, A. J. A. . Derramamento de petróleo no litoral brasileiro: (in)visibilidade de saberes e descaso com a vida de marisqueiras. CIÊNCIA & SAÚDE COLETIVA, v. 27, p. 1-2x, 2021.
- 50- CAMPELO, MATHEUS DA SILVA; MELO, ELLEN OLIVEIRA; ARRAIS, STEFANO PEREIRA; NASCIMENTO, FRANCISCA BRUNA STEFANY AIRES DO; GRAMOSA, NILCE VIANA; SOARES, SANDRA DE AGUIAR; RIBEIRO, MARIA ELENIR NOBRE PINHO; SILVA, CECÍLIA ROCHA DA; JÚNIOR, HÉLIO VITORIANO NOBRE; Ricardo, Nágila Maria Pontes Silva. Clove essential oil encapsulated on nanocarrier based on polysaccharide: A strategy for the treatment of vaginal candidiasis. COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, v. 610, p. 125732, 2021.
- 51- LUCAS RODRIGUES, R.; QUINTERO VANEGAS, E. O. . Representations of power-associative train algebras of rank 4. COMMUNICATIONS IN ALGEBRA (ONLINE), v. -, p. 1-10, 2021.
- 52- ANDRADE, R. L.; RÊGO, LEANDRO CHAVES; SILVA, T. L. C.; MACEDO, J. A. F.; SILVA, W. C. P. Energy Disruptive Centrality with an Application to Criminal Network.

COMMUNICATIONS IN NONLINEAR SCIENCE & NUMERICAL SIMULATION, v. 99, p. 105834, 2021.

- 53-LAVOR, CARLILE ; OLIVEIRA, ANDRÉS ; ROCHA, WAGNER ; Souza, Michael . On the optimality of finding DMDGP symmetries. COMPUTATIONAL AND APPLIED MATHEMATICS, v. 40, p. 98, 2021.
- 54-FLÁVIA JUSTINO UCHOA, ANTONIA; DA SILVA ROCHA, WESLLEY; PETER MACEDO FEITOSA, JOHNNY; LOPES NOGUEIRA, RÉGIS; HELLEN ALMEIDA DE BRITO, DÉBORA; BARBOSA SOARES, JORGE; de Aguiar Soares, Sandra. Bio-based palm oil as an additive for asphalt binder: Chemical characterization and rheological properties. CONSTRUCTION AND BUILDING MATERIALS, v. 285, p. 122883, 2021.
- 55-SANTOS, FELIPE BRANDÃO; FAXINA, ADALBERTO LEANDRO; Soares, Sandra de Aguiar. Soy-based rejuvenated asphalt binders: Impact on rheological properties and chemical aging indices. CONSTRUCTION AND BUILDING MATERIALS, v. 300, p. 124220, 2021.
- 56-BEZERRA, FI; SOLORZANO-KRAEMER, MM; MENDES, M. Distinct preservational pathways of insects from the Crato Formation, Lower Cretaceous of the Araripe Basin, Brazil. CRETACEOUS RESEARCH, 2021.
- 57-BRANDAO, N. C. ; BITTENCOURT, J. S. ; CALOR, A. R. ; MENDES, M. ; LANGER, M. C. The Ephemeroptera (Hexapoda, Insecta) from the Lower Cretaceous Crato Formation (NE Brazil): a new genus and species, and reassessment of *Costalimella zuchi* Zomboni, 2001 and *Cratogenites corradinae* Martins-Neto, 1996. CRETACEOUS RESEARCH, v. 127, p. 1-9, 2021.
- 58-LOPES, A. F. ; FERNANDES, T. S. M. ; NASCIMENTO, R. F. . Barrier Discharge Ionization Detector in Gas Chromatography: A Review on Applications. CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, v. x, p. 1-21, 2021.
- 59-DE ANDRADE, RAFAEL CASTRO ; BONATES, TIBÉRIUS DE OLIVEIRA E ; CAMPÊLO, MANOEL ; FERREIRA, MARDSON DA SILVA . A compact quadratic model and linearizations for the minimum linear arrangement problem. DISCRETE APPLIED MATHEMATICS, 2021.
- 60-DE FIGUEIREDO, CELINA M.H.; DE MELO, ALEXSANDER A.; SASAKI, DIANA; Silva, Ana. Revising Johnson's table for the 21st century. DISCRETE APPLIED MATHEMATICS, v. 2021, p. 2021, 2021.
- 61-CAMPÊLO, M.; SEVERIN, DANIEL. An integer programming approach for solving a generalized version of the Grundy domination number. DISCRETE APPLIED MATHEMATICS, v. 301, p. 26-48, 2021.

- 62-MORAIS, D. H ; RODRIGUES, M. V. ; ÁVILA, R.W. ; SILVA, R.J . Visceral mycobacteriosis in amphibians from the Brazilian Caatinga region. DISEASES OF AQUATIC ORGANISMS, v. 145, p. 139-144, 2021.
- 63-RICHTER, A. ; NAKAMURA, G.L ; ISERHARD, C. ; DUARTE, L. . The hidden side of diversity: Effects of imperfect detection on multiple dimensions of biodiversity. ECOLOGY AND EVOLUTION, v. xx, p. ece3.7995, 2021.
- 64-CAMPOS, VICTOR A.; GOMES, GUILHERME C.M.; IBIAPINA, ALLEN; LOPES, RAUL; SAU, IGNASI; Silva, Ana. Coloring Problems on Bipartite Graphs of Small Diameter. ELECTRONIC JOURNAL OF COMBINATORICS, v. 28, p. 14, 2021.
- 65-CAMPOS, VICTOR; LOPES, RAUL; MARINO, ANDREA; SILVA, ANA. EDGE-DISJOINT Branchings in Temporal Digraphs. ELECTRONIC JOURNAL OF COMBINATORICS, v. 28, p. 4, 2021.
- 66-LIMA, LUAN P. ; ROCHA, LINCOLN S.; BEZERRA, CARLA I. M.; PAIXAO, MATHEUS . Assessing exception handling testing practices in open-source libraries. EMPIRICAL SOFTWARE ENGINEERING, v. 26, p. 85, 2021.
- 67-OLIVEIRA, R. ; DANTAS, D M ; ALMEIDA, C. A. S. . Quasinormal frequencies for a black hole in a bumblebee gravity. EPL, v. 135, p. 10003, 2021.
- 68-D. CARVALHO, Í. D. ; ALENCAR, G. ; MENDES, W. M. ; LANDIM, R. R. The gravitational bending angle by static and spherically symmetric black holes in bumblebee gravity. EPL, v. 134, p. 51001, 2021.
- 69-SOUZA, F. E. A. ; ALENCAR, G. ; FREITAS, L. F. F. ; LANDIM, R. R. . Confinement of bosonic and spinning particles in braneworlds. EPL, v. 133, p. 50001, 2021.
- 70-DE FREITAS, DB. Stellar age dependence of the nonextensive magnetic braking index: A test for the open cluster alpha Per. EPL, 2021.
- 71-PEIXOTO, FILIPE DA SILVA ; CAVALCANTE, ITABARACI NAZARENO . Sewage static system influence on the concentrations of nitrogen compounds in unconfined aquifers. ENGENHARIA SANITÁRIA E AMBIENTAL (ONLINE), v. 21, p. 1-9, 2021.
- 72-OLIVEIRA, C.D.M. DE. DINÂMICAS HÍBRIDAS DE DEVOÇÃO EM SANTUÁRIOS-TERREIROS: PARA GEOGRAFAR TURISMO RELIGIOSO. ESPAÇO E CULTURA (UERJ), v. 49, p. 156-175, 2021.

- 73- DA COSTA, LA; DIOGENES, ICN; OLIVEIRA, MD; RIBEIRO, SF; FURTADO, RF; BASTOS, MDR; SILVA, MAS, BENEVIDES, SD. Smart film of jackfruit seed starch as a potential indicator of fish freshness. FOOD SCIENCE AND TECHNOLOGY, 2021.
- 74- PINTO, D. S. ; SILVA, S. S. ; FIGUEIREDO, R. W. ; MENEZES ; CASTRO, A. S. ; PIMENTA, A. T. Á. ; SANTOS, J. E. A. ; NASCIMENTO, R. F. ; GABAN, S. V. F. . Production of healthy mixed vegetable beverage: antioxidant capacity, physicochemical and sensorial properties. FOOD SCIENCE AND TECHNOLOGY, p. 1-8, 2021.
- 75- CÂMARA, CARLOS PIFFERO ; RIBEIRO, RAYANE DE TASSO MOREIRA ; LOIOLA, MARIA IRACEMA BEZERRA . Etnoconhecimento dos apicultores de um município do semiárido potiguar, nordeste do Brasil. GAIA SCIENTIA, v. 15, p. 226-245, 2021.
- 76- MAKRIS, ANTONIOS; SILVA, CAMILA LEITE DA; BOGORNY, VANIA; ALVARES, LUIS OTAVIO; Macedo, Jose Antonio; TSERPES, KONSTANTINOS. Evaluating the effect of compressing algorithms for trajectory similarity and classification problems. GEOINFORMATICA, v. 1, p. 1, 2021.
- 77- DIOGENES, R; RIBEIRO, E; RUFINO, E. FOUR-MANIFOLDS WITH POSITIVE CURVATURE. GLASGOW MATHEMATICAL JOURNAL, 2021.
- 78- LAVOR, CARLILE ; SOUZA, MICHAEL ; ARAGÓN, JOSÉ LUIS . Orthogonality of Isometries in the Conformal Model of the 3D Space. GRAPHICAL MODELS, v. 114, p. 101100, 2021.
- 79- FENNER, GERMANO; LIMA, ALBERTO SAMPAIO; DE SOUZA, JOSE NEUMAN; MOURA, JOSE ANTAO BELTRAO; BEZERRA, TARCIO RODRIGUES. Business-Driven Support for Infrastructure as a Service Capacity Management Through System Dynamics Simulations. IEEE Transactions on Network and Service Management, v. 18, p. 2063-2076, 2021.
- 80- DE OLIVEIRA, ANDRÉ LUIS LIMA; ASSUNÇÃO, JOÃO CARLOS DA COSTA; PASCOAL, CAIO VICTOR PEREIRA; BEZERRA, MICAELLE LÍCIA SANTOS; SILVA, ANTONIO CAIAN SOUSA; DE SOUZA, BRUNO VIANA; RODRIGUES, FRANCISCO EDUARDO ARRUDA; Ricardo, Nágila Maria Pontes Silva; ARRUDA, TATHILENE BEZERRA MOTA GOMES. Waste of Nile Tilapia (*Oreochromis niloticus*) to Biodiesel Production by Enzymatic Catalysis-Optimization Using Factorial Experimental Design. INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, v. 60, p. 3554-3560, 2021.
- 81- SALES, DANILO K.S. ; SIMPLÍCIO, LÍLIAN M.T. ; DA SILVA, CARLOS D.S. ; M. B. ENJU, CAROLINA ; SILVA, VANESSA B. ; DE F. PAULO, TÉRCIO ; SANTOS, IVANILSON P. ; QUADROS, HELENITA C. ; MEIRA, CÁSSIO S. ; SOARES, MILENA B.P. ; DE F. LOPES, LUIZ G. ; de Sousa, Eduardo H.S. ; DE SÁ, DENISE S. . A

Bis-Indazolic Ruthenium(II) Complex: Reactivity And Biological Studies On Cancer Cells. INORGANICA CHIMICA ACTA, v. 516, p. 120125, 2021.

- 82-RODRIGUES, RAIZA RAIANNE LUZ; NUNES, THAÍS AMANDA LIMA; DE ARAÚJO, ALYNE RODRIGUES; MARINHO FILHO, JOSÉ DELANO BARRETO; DA SILVA, MARCOS VINÍCIUS; CARVALHO, FERNANDO AÉCIO DE AMORIM; PESSOA, OTÍLIA DEUSDENIA LOIOLA; FREITAS, HOZANA PATRÍCIA SILVA; RODRIGUES, KLINGER ANTONIO DA FRANCA; ARAÚJO, ANA JÉRSIA. Antileishmanial activity of cordiaquinone E towards Leishmania (Leishmania) amazonensis. INTERNATIONAL IMMUNOPHARMACOLOGY, v. 90, p. 107124-xx, 2021.
- 83-HERNÁNDEZ, ISABEL ; RODRIGUES, RODRIGO LUCAS ; VANEGAS, ELKIN OVEIMAR QUINTERO . Low-dimensional commutative power-associative superalgebras. INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION, v. -, p. 1-20, 2021.
- 84-GOMES CORREIA, MATHEUS ; BONATES, TIBÉRIUS DE OLIVEIRA E ; PRATA, BRUNO DE ATHAYDE ; NOBRE JÚNIOR, ERNESTO FERREIRA. An integer linear programming approach for pavement maintenance and rehabilitation optimization. INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING (ONLINE), v. 1, p. 1-18, 2021.
- 85-BORBA, MAURÍCIO L. ; TASSINARI, COLOMBO C.G. ; MATOS, FERNANDO M.V. ; SATO, KEI ; HUH, SERGIO ; FERREIRA, SAMUEL N. ; MEDEIROS, CARLOS A. . Tracking hydrothermal events using zircon REE geochemistry from the Carajás Mineral Province, Brazil. JOURNAL OF GEOCHEMICAL EXPLORATION, v. 221, p. 106679-11, 2021.
- 86-NASCIMENTO, JPG; AGUIAR, V ; COSTA, RN; PEREIRA, JM . Comment on "Fisher information of a vector potential for time-dependent Feinberg-Horodecki equation. INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY - Número do artigo: e26629, 2021.
- 87-LIMA, FCE; MOREIRA, ARP; MACHADO, LES; ALMEIDA, CAS. Statistical properties of linear Majorana fermions, INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY - Número do artigo: e26749, 2021.
- 88-LIMA, F. C. E. ; MOREIRA, A. R. P. ; C. A. S. ALMEIDA. Information and thermodynamic properties of a non-Hermitian particle ensemble. INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, v. 120, p. e26645, 2021.
- 89-LIMA, F. C. E. ; MOREIRA, A. R. P. ; MACHADO, L. E. S. ; C. A. S. ALMEIDA . Statistical properties of linear Majorana fermions. INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, v. 121, p. e26749, 2021.

- 90- MORAIS, FRANCIMAURO S.; CANUTO, KIRLEY M.; RIBEIRO, PAULO R. V.; SILVA, ALISON B.; PESSOA, OTILIA D. L.; FREITAS, CLEVERSON D. T.; BEZERRA, EMANUEL ALVES; GONÇALVES, JOSÉ F. C.; SOUZA, DIEGO P.; SOUSA, BRANDON F.; SILVA, AYRLES F. B.; RAMOS, MÁRCIO V. Insecticidal Compound from *Himatanthus drasticus* Latex against Cowpea Infestation by *Callosobruchus maculatus* (Coleoptera: Chrysomelidae). JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, v. 69, p. 5049-5058, 2021.
- 91- DE SOUSA, F B; BABU, P K V; RADMACHER, M; OLIVEIRA, C L N; DE SOUSA, J S. Multiple power-law viscoelastic relaxation in time and frequency domains with atomic force microscopy. JOURNAL OF APPLIED PHYSICS, v. 54, p. 335401, 2021.
- 92- OLIVEIRA, RGM; DE MORAIS, JEV; SOUZA, DC; SILVA, MAS; GOUVEIA, DX; TRUKHANOV, S; PANINA, L; SINGH, C; ZHOU, D; SOMBRA, ASB. High-bandwidth microwave dielectric resonator antennas from BiVO₄/ZnO composites. JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY - DOI: 10.1007/s41779-020-00559-w
- 93- , BENILDO SOUSA; PINTO-JUNIOR, VANIR REIS; OSTERNE, VINICIUS JOSE SILVA ; OLIVEIRA, MESSIAS VITAL; SILVA, IVANICE BEZERRA; LARANJEIRA, EVA POLLYANNA PEIXE; PIRES, ALANA FREITAS; DOMINGOS, JORGE LUIZ COELHO; FERREIRA, WANDEMBERG PAIVA; SOUSA, JEANLEX SOARES; ASSREUY, ANA MARIA SAMPAIO; NASCIMENTO, KYRIA SANTIAGO. In depth analysis on the carbohydrate-binding properties of a vasorelaxant lectin from *Dioclea lasiophylla* Mart Ex. Benth seeds. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. 00, p. 1-14, 2021.
- 94- DE ARAÚJO, JOSÉ ISMAEL F.; AIRES, NATÁLIA L.; ALMEIDA-NETO, FRANCISCO W. Q.; MARINHO, MÁRCIA M.; MARINHO, EMANUELLE M.; PAULA MAGALHÃES, EMANUEL; DE MENEZES, RAMON R. P. P. B.; SAMPAIO, TIAGO L. ; MARIA COSTA MARTINS, ALICE; TEIXEIRA, EDSON H.; RAFAELA FREITAS DOTTO, ANA ; AMARAL, WANDERLEI DO ; TEIXEIRA, ALEXANDRE MAGNO R. ; De Lima-Neto, Pedro ; Marinho, Emmanuel S. ; DOS SANTOS, HÉLCIO S. . Antiproliferative activity on *Trypanosoma cruzi* (Y strain) of the triterpene 3 β ,6 β ,16 β -trihidroxilup-20 (29)-ene isolated from *Combretum leprosum*. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. 2021, p. 1-14, 2021.
- 95- OLIVEIRA, RAISSA C. ; BANDEIRA, PAULO N. ; Lemos, Telma L. G. ; DOS SANTOS, HÉLCIO S. ; SCHERF, JACKELYNE R. ; ROCHA, JANAINA E. ; PEREIRA, RAIMUNDO L. S. ; FREITAS, THIAGO S. ; FREITAS, PRISCILA R. ; PEREIRA-JUNIOR, FRANCISCO N. ; MARINHO, MÁRCIA M. ; MARINHO, EMANUELLE M. ; MARINHO, EMMANUEL S. ; NOGUEIRA, CARLOS E. S. ; COUTINHO, HENRIQUE D. M. ; TEIXEIRA, ALEXANDRE M. R. . In silico and in vitro evaluation of efflux pumps inhibition of α,β -amyrin. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. x, p. 1-15, 2021.

- 96- SOUZA, PEDRO F. N. ; AMARAL, JACKSON L. ; BEZERRA, LEANDRO P. ; LOPES, FRANCISCO E. S. ; FREIRE, VALDER N. ; OLIVEIRA, JOSE T. A. ; FREITAS, CLEVERSON D. T. ACE2-derived peptides interact with the RBD domain of SARS-CoV-2 spike glycoprotein, disrupting the interaction with the human ACE2 receptor. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. 1, p. 1-14, 2021.
- 97- AMARAL, JACKSON L.; OLIVEIRA, JOSE T. A ; LOPES, FRANCISCO E. S.; FREITAS, CLEVERSON D. T; FREIRE, VALDER N; ABREU, LEONARDO V.; SOUZA, PEDRO F. N. Quantum biochemistry, molecular docking, and dynamics simulation revealed synthetic peptides induced conformational changes affecting the topology of the catalytic site of SARS-CoV-2 main protease. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. x, p. 1-13, 2021.
- 98- DA SILVA, ANTONIO WLISSES; FERREIRA, MARIA KUEIRISLENE A.; PEREIRA, LUCAS RAMOS; REBOUÇAS, EMANUELA L.; COUTINHO, MARNIELLE RODRIGUES; DOS, JOYCE; LIMA, REIS; GUEDES, MARIA IZABEL FLORINDO; BANDEIRA, PAULO N.; MAGALHÃES, FRANCISCO ERNANI A.; MENEZES, JANE EIRE S. A. DE; MARINHO, MARCIA MACHADO; TEIXEIRA, ALEXANDRE MAGNO RODRIGUES; SALLES TREVISAN, MARIA TERESA; DOS SANTOS, HÉLCIO S.; MARINHO, EMMANUEL SILVA. Combretum lanceolatum extract reverses anxiety and seizure behavior in adult zebrafish through GABAergic neurotransmission: an in vivo and in silico study. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. 1, p. 1-14, 2021.
- 99- REBOUÇAS, EMANUELA DE LIMA; DA SILVA, ANTONIO WLISSES; RODRIGUES, MARNIELLE COUTINHO; FERREIRA, MARIA KUEIRISLENE AMÂNCIO; MENDES, FRANCISCO ROGÊNIO SILVA; MARINHO, MARCIA MACHADO; MARINHO, EMANUELLE MACHADO; PEREIRA, LUCAS RAMOS; ARAÚJO, JOSÉ ISMAEL FEITOSA DE; DA SILVA, JOSÉ YTALO GOMES; MOURA, LUIZ FRANCISCO WEMMENSON GONÇALVES; MAGALHAES, FRANCISCO ERNANI ALVES; Salles Trevisan, Maria Tereza ; DOS SANTOS, HÉLCIO SILVA; MARINHO, EMMANUEL SILVA; GUEDES, MARIA IZABEL FLORINDO. Antinociceptive, anti-inflammatory and hypoglycemic activities of the ethanolic Sm. flower extract in adult zebrafish. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, v. 1, p. 1-13, 2021.
- 100- SERPA, JULIANA DE FRANÇA; MATIAS, GABRIEL AB; FECHINE, PIERRE BA; COSTA, VICTOR M; FREIRE, RAFAEL M; DENARDIN, JULIANO C; GONÇALVES, LUCIANA RB; MACEDO, ANDRÉ C; ROCHA, MARIA VP. New nanocomposite made of cashew apple bagasse lignin and Fe₃O₄ for immobilizing of lipase B from Candida antarctica aiming at esterification. JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, v. 96, p. 2472-2487, 2021.

- 101- MATIAS, AFV; COELHO, RCV; ANDRADE, JS; ARAUJO, NAM. FLOW through time & ndash;evolving porous media: Swelling and erosion, JOURNAL OF COMPUTATIONAL SCIENCE, V.53, Article Number 101360, 2021.
- 102- GASPARINI, LEONARDO ; RODRIGUES, JOSÉ R.P. ; AUGUSTO, DOUGLAS A. ; CARVALHO, Luiz M. ; CONOPOIMA, CESAR ; GOLDFELD, PAULO ; PANETTA, JAIRO ; RAMIREZ, JOÃO P. ; Souza, Michael ; FIGUEIREDO, MATEUS O. ; LEITE, VICTOR M.D.M. . Hybrid parallel iterative sparse linear solver framework for reservoir geomechanical and flow simulation. Journal of Computational Science, v. 51, p. 101330, 2021.
- 103- DO NASCIMENTO, CARLOS PEDRO G.; MOREIRA, ÍCARO O.; Freire, Tiago M.; FECHINE, PIERRE B. A.; DIÓGENES, IZAURA C. N.; LONGHINOTTI, ELISANE. Redox cycling of copper mediated by hydrazine: efficient catalyst systems for oxidative degradation of rhodamine B. JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, v. 56, p. 849-860, 2021.
- 104- LIMA, ANTONIA ELAINE FRUTUOSO ; ANDRADE, PATRÍCIA LOPES ; DE LEMOS, TELMA LEDA GOMES ; DE ANDRADE UCHOA, DANIEL ESDRAS ; SIQUEIRA, MARCOS CIRINEU AGUIAR ; DO EGITO, ANTONIO SILVIO ; BRAGA, RENATA CHASTINET ; DA COSTA, JULIANA NASCIMENTO ; TEIXEIRA SÁ, DANIELE MARIA ALVES . Development and application of galactomannan and essential oil₂based edible coatings applied to coalho cheese. JOURNAL OF FOOD PROCESSING AND PRESERVATION, v. 45, p. e15091, 2021.
- 105- PASSOS, AAC; LOVERA, M; BASTOS, MDR; MACIEL, JD; SOMBRA, VG; BRAGA, RC; MOREIRA, ACDM; MOREIRA, RD. Low-viscosity dietary fiber production by enzymatic hydrolysis of galactomannan from *Caesalpinia pulcherrima* seeds: Optimization and physicochemical characterization. JOURNAL OF FOOD PROCESSING AND PRESERVATION, 2021.
- 106- PAVANI, K; DO NASCIMENTO, JPC; JAKKA, SK; DO CARMO, FF;; SOARES, MJ; GRACA, MPF; DE AQUINO, FJA;; SOMBRA, ASB. Analogy of different optical temperature sensing techniques in $\text{LaNbO}_4:\text{Er}^{3+}/\text{Yb}^{3+}$ phosphor. JOURNAL OF LUMINESCENCE – V.235, Número do artigo: 117992, 2021.
- 107- BARROSO, CLEON S.; FERREIRA, VALDIR . Weak compactness and fixed point property for affine bi-Lipschitz maps. JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, v. 494, p. 124647, 2021.
- 108- LOPES, KAREN P.S.; PINHEIRO, DANIEL P.; NETO, JOÃO F.C.; GONÇALVES, TAMARA A.; PEREIRA, STEFANO A.; PESSOA, CLAUDIA; VIEIRA, ICARO G.P.; Ribeiro, Maria Elenir N.P.; Yeates, Stephen G.; Ricardo, Nágila M.P.S. Lapachol-loaded

- triblock copoly(oxyalkylene)s micelles: Potential use for anticancer treatment. JOURNAL OF MOLECULAR LIQUIDS, v. 338, p. 116657, 2021.
- 109- COSTA, STEFANE N.; ALMEIDA-NETO, FRANCISCO W.Q.; CAMPOS, OTHON S.; FONSECA, THIAGO S.; DE MATTOS, MARCOS C.; FREIRE, VALDER N.; HOMEM-DE-MELLO, PAULA; MARINHO, EMMANUEL S.; MONTEIRO, NORBERTO K.V.; CORREIA, ADRIANA N.; de Lima-Neto, Pedro. Carbon steel corrosion inhibition in acid medium by imidazole-based molecules: Experimental and molecular modelling approaches. JOURNAL OF MOLECULAR LIQUIDS, v. 326, p. 115330, 2021.
- 110- FREGOLENTE, LG; DOS SANTOS, JV; VINCI, G; PICCOLO, A; MOREIRA, AB; FERREIRA, OP; ; SPACCINI, R - Insights on Molecular Characteristics of Hydrochars by C-13-NMR and Off-Line TMAH-GC/MS and Assessment of Their Potential Use as Plant Growth Promoters. MOLECULES - Volume: 26 - Edição: 4 - Número do artigo: 1026 - DOI: 10.3390/molecules26041026
- 111- SANTOS, JGS; MACEDO, A; SILVA, AM; DE SOUSA, FF; CAETANO, EWS; DA SILVA, MB; FREIRE, VN Computational structural, electronic and optical properties of the palmitic acid in its C form. JOURNAL OF MOLECULAR MODELING, Volume: 27 - Edição: 5 - Número do artigo: 145, 2021.
- 112- MARQUES, GFO; PIRES, AF; OSTERNE, VJS; PINTO-JUNIOR, VR; SILVA, IB ; MARTINS, MGQ; OLIVEIRA, MV; GOMES, AM; DE SOUZA, LAG ; PAVAO, MSG;; ASSREUY, AMS; Nascimento, KS. Vatairea guianensis lectin stimulates changes in gene expression and release of TNF-alpha from rat peritoneal macrophages via glycoconjugate binding. JOURNAL OF MOLECULAR RECOGNITION - Número do artigo: e2922, 2021.
- 113- SILVA, A. C. ; RIBEIRO, Livia Paulia D. ; VIDAL, R. M. B. ; MATOS, W. O. ; LOPES, G. S. . A fast and low-cost approach to quality control of alcohol-based hand sanitizer using portable near infrared spectrometer and chemometrics. JOURNAL OF NEAR INFRARED SPECTROSCOPY, v. 29, p. 1-5, 2021.
- 114- CARNEIRO, S.V.; HOLANDA, M.H.B.; CUNHA, H.O.; OLIVEIRA, J.J.P.; PONTES, S.M.A.; CRUZ, A.A.C.; FECHINE, L.M.U.D.; MOURA, T.A.; PASCHOAL, A.R.; ZAMBELLI, R.A.; FREIRE, R.M.; FECHINE, P.B.A. Highly sensitive sensing of food additives based on fluorescent carbon quantum dots. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, v. 441, p. 113198, 2021.
- 115- BEZERRA, LUCAS F. ; DOS REIS, MONILSON P. ; ROMO, ADOLFO I.B. ; ABREU, DIERIC S. ; GEHLEN, MARCELO H. ; LONGHINOTTI, ELISANE ; PAULO, TÉRCIO F. ; DE CARVALHO, IDALINA M.M. ; DIÓGENES, IZAURA C.N. . Photophysical properties of push- π -pull type chromophores of aryl-substituted bipyridines in different solvents. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY **JCR**, v. xxx, p. 113687, 2021.

- 116- DA SILVA, GABRIELA MARIA ; DA SILVA, MIRELLY CUNHA ; NASCIMENTO, DÉBORAH VICTÓRIA GOMES ; LIMA SILVA, ELLEN MAYARA ; GOUVÊA, FABÍOLA FURTADO FIALHO ; DE FRANÇA LOPES, LUIZ GONZAGA ; ARAÚJO, ALICE VALENÇA ; FERRAZ PEREIRA, KELLI NOGUEIRA ; DE QUEIROZ, THYAGO MOREIRA . Nitric Oxide as a Central Molecule in Hypertension: Focus on the Vasorelaxant Activity of New Nitric Oxide Donors. *BIOLOGY JCR*, v. 10, p. 1041, 2021.
- 117- LAVOR, I R ; DA COSTA, D R ; CHAVES, ANDREY ; SENA, S H R ; FARIAS, G A ; VAN DUPPEN, B ; PEETERS, F M. Effect of zitterbewegung on the propagation of wave packets in ABC-stacked multilayer graphene: an analytical and computational approach. *JOURNAL OF PHYSICS-CONDENSED MATTER*, v. 33, p. 095503, 2021.
- 118- ARAÚJO, F R V ; DA COSTA, D R ; LIMA, F N ; NASCIMENTO, A C S ; PEREIRA, J M . Gate potential-controlled current switching in graphene Y-junctions. *JOURNAL OF PHYSICS. CONDENSED MATTER (ONLINE)*, v. 33, p. 375501, 2021.
- 119- BANDEIRA, N S; DA COSTA, D R; CHAVES, A; FARIAS, G A; FILHO, R N COSTA. Gap opening in graphene nanoribbons by application of simple shear strain and in-plane electric field. *JOURNAL OF PHYSICS-CONDENSED MATTER*, v. 33, p. 065503, 2021.
- 120- DE SOUSA, FB; BABU, PKV;; OLIVEIRA, CLN; DE SOUSA, JS. Multiple power-law viscoelastic relaxation in time and frequency domains with atomic force microscopy. *JOURNAL OF PHYSICS D-APPLIED PHYSICS* – v.54, Número do artigo: 335401, 2021.
- 121- ARAÚJO, B.S.; AREVALO-LOPEZ, A.M.; SANTOS, C.C.; ATTFIELD, J.P.; PASCHOAL, C.W.A.; AYALA, A.P. Spin-phonon coupling in the incommensurate magnetic ordered phase of orthorhombic TmMnO₃. *JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS*, v. 154, p. 110044, 2021.
- 122- MAIA, ANDRÉ DE OLIVEIRA GIRÃO ; OLIVEIRA, FRANCISCO GILVANE SAMPAIO ; CORDEIRO, CARLOS HENRIQUE NASCIMENTO ; TEIXEIRA, EDWALDER SILVA ; DA SILVA, ERANDIR BRASIL ; SOARES, JOÃO MARIA ; DE VASCONCELOS, IGOR FROTA ; SASAKI, JOSÉ MARCOS ; DUMELOW, THOMAS . Synthesis of CoFe₂O₄ superparamagnetic nanoparticles using a rapid thermal processing furnace with halogen lamps. *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, v. 99, p. 527-533, 2021.
- 123- FILHO, FRANCISCO FERNANDO B. DOS S. ; MAGINI, CHRISTIANO ; CHIOZZA, SEBASTIÁN GONZÁLEZ ; CASTELO BRANCO, RAIMUNDO MARIANO G. The architecture of the Eopaleozoic Cococi Basin, northeastern Brazil: 2D geological modelling from magnetic and gravimetric data. *JOURNAL OF SOUTH AMERICAN EARTH SCIENCES*, v. 106, p. 102903, 2021.

- 124- SOUZA, ANA CLARA B. DE ; NASCIMENTO, DANIEL R. DO ; BATEZELLI, ALESSANDRO ; NEPOMUCENO FILHO, FRANCISCO ; LEOPOLDINO OLIVEIRA, KAREN M. ; MAIA DE ALMEIDA, NARELLE ; NORMANDO, MÁRCIO N. ; BARBOSA, THIAGO H. DA SILVA . Geochemical constraints on the origin and distribution of Cretaceous source rocks in the Ceará basin, Brazilian Equatorial margin. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, v. 107, p. 103092, 2021.
- 125- OLIVEIRA, F. I. B. ; SOUZA, O. F. ; RIBEIRO, G. C. ; MENDES, M. A new primitive termite (isoptera) from the Crato Formation, Araripe Basin, early Cretaceous of South America. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, v. 109, p. 1, 2021.
- 126- BATISTA, MARIA EDENILCE PEIXOTO ; MARTINE, ARIEL MILANI ; SARAIVA, ANTÔNIO ÁLAMO FEITOSA ; LIMA, FLAVIANA JORGE ; LOIOLA, MARIA IRACEMA BEZERRA ; SÁ, ARTUR ABREU ; BARROS, OLGA ALCÂNTARA . Brachyphyllum: State of the art and new data regarding B. obesum, the most representative fossil plant in the Araripe Basin, Brazil. JOURNAL OF SOUTH AMERICAN EARTH SCIENCES, v. 110, p. 103405, 2021.
- 127- SILVA DOS SANTOS, JOSÉ ROBERTO; NABEREZNY AZEVEDO, CAIO LUCIDIUS ; FOX, JEAN-PAUL . Bayesian longitudinal item response modeling with multivariate asymmetric serial dependencies. JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, v. 91, p. 1-36, 2021.
- 128- B. S. PRACIANO, FRANCISCO D.; AMORA, PAULO R. P.; ABREU, ITALO C.; PEREIRA, FRANCISCO L. F.; MACHADO, JAVAM C. Robust Cardinality: a novel approach for cardinality prediction in SQL queries. JOURNAL OF THE BRAZILIAN COMPUTER SOCIETY (ONLINE), v. 27, p. 11, 2021.
- 129- SBARDELOTTO, ALINE BORBA; BARROS-NEPOMUCENO, FRANCISCO WASHINGTON ARAÚJO; SOARES, BRUNO MARQUES; CAVALCANTI, BRUNO COÊLHO; RAMOS DE SOUSA, RAYRAN WALTER; COSTA, MARCÍLIA PINHEIRO DA; Pessoa, Otília Deusdênia Loiola; PESSOA, Cláudia; FERREIRA, PAULO MICHEL PINHEIRO. Cellular and biochemical antileukemic mechanisms of the meroterpenoid Oncocalyxone A. JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES, v. 84, p. 95-111, 2021.
- 130- CAVALCANTI, BRUNO COÊLHO; NETO, JOÃO BATISTA DE ANDRADE; SILVA, ANTÔNIO ADAILSON DE SOUSA; BARRETO, FRANCISCO STEFÂNIO; FERREIRA, JOSÉ ROBERTO DE OLIVEIRA; MAGALHÃES, HEMERSON IURY FERREIRA; SILVA, CECÍLIA ROCHA DA; VIEIRA, ÍCARO GUSMÃO PINTO; Ricardo, Nágila Maria Pontes Silva; NOBRE JÚNIOR, HÉLIO VITORIANO; MORAES, MANOEL ODORICO. Chemopreventive effect of troxerutin against hydrogen peroxide-induced oxidative stress in human leukocytes through modulation of glutathione-dependent

- enzymes. JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES, v. 84, p. 137-151, 2021.
- 131- DA SILVA COSTA, ROUSE ; SAINARA MAIA FERNANDES, TATIANA ; DE SOUSA ALMEIDA, EDMILSON ; TOMÉ OLIVEIRA, JULIENE ; do Nascimento, Ronaldo Ferreira. Potential risk of BPA and phthalates in commercial water bottles: a minireview. JOURNAL OF WATER AND HEALTH, v. x, p. 1-10, 2021.
- 132- LIMA, PATRÍCIA G.; OLIVEIRA, JOSE T.A.; AMARAL, JACKSON L.; FREITAS, CLEVERSON D.T.; SOUZA, PEDRO F.N. Synthetic antimicrobial peptides: Characteristics, design, and potential as alternative molecules to overcome microbial resistance. LIFE SCIENCES, v. 278, p. 119647, 2021.
- 133- AMARAL, JACKSON L.; SOUZA, PEDRO F.N.; OLIVEIRA, JOSE T.A.; FREIRE, VALDER N.; Sousa, Daniele O.B. Computational approach, scanning electron and fluorescence microscopies revealed insights into the action mechanisms of anticandidal peptide Mo-CBP3-PepIII. LIFE SCIENCES, v. 281, p. 119775, 2021.
- 134- LIMA, PATRÍCIA G. ; SOUZA, PEDRO F.N. ; FREITAS, CLEVERSON D.T. ; BEZERRA, LEANDRO P. ; NETO, NILTON A.S. ; SILVA, AYRLES F.B. ; OLIVEIRA, JOSE T.A. ; SOUSA, DANIELE O.B. Synthetic peptides against Trichophyton mentagrophytes and T. rubrum: Mechanisms of action and efficiency compared to griseofulvin and itraconazole. LIFE SCIENCES, v. 265, p. 118803, 2021.
- 135- ALMEIDA, M. C. ; CRUZ, J. S. ; GOLDFELD, P. ; CARVALHO, LUIZ M. ; SOUZA, M. . Supporting theory for a block approximate inverse preconditioner. LINEAR ALGEBRA AND ITS APPLICATIONS, v. 614, p. 325-342, 2021.
- 136- FEITOSA, R.A. Contribuições da obra literária Estrela Vermelha para o Ensino de Ciências. LINHAS CRÍTICAS (ONLINE), v. 27, p. 1-18, 2021.
- 137- RIBEIRO JR., ERNANI; TENENBLAT, KETI. . Noncompact quasi-Einstein manifolds conformal to a Euclidean space. MATHEMATISCHE NACHRICHTEN, v. 294, p. 132-144, 2021.
- 138- SILVA, J. V.; RICARTE, G.C.; LEITÃO, A. Geometric regularity estimates for fully nonlinear elliptic equations with free boundaries. Mathematische Nachrichten, v. 294, p. 38-35, 2021.
- 139- AMONI, B. C.; FREITAS, A. D. L.; BESSA, R. A.; OLIVEIRA, C. P.; BASTOS NETO, M.; AZEVEDO, D. C.; LUCENA, S. M.; SASAKI, J. M.; SOARES, Jorge Barbosa; Soares, Sandra de Aguiar; LOYOLA, A. R. Effect of coal fly ash treatments on synthesis of high-quality zeolite A as a potential additive for warm mix asphalt. MATERIALS CHEMISTRY AND PHYSICS, v. 275, p. 125197, 2022.

- 140- VASCONCELOS, SJT; SILVA, MAS; DE OLIVEIRA, RGM; BEZERRA, MH; DE ANDRADE, HD; QUEIROZ, IS; SINGH, C; SOMBRA, ASB. High thermal stability and colossal permittivity of novel solid solution LaFeO₃/CaTiO₃ MATERIALS CHEMISTRY AND PHYSICS , V. 257, p.123239, 2021.
- 141- DO CARMO, FF; DO NASCIMENTO, JPC; DE MORAIS, JEV; MARTINS, VC; SALES, JC SILVA, MAS; SILVA, RS; SOMBRA, ASB. High thermal stability of the YNbO₄ - CaYTiNbO₇ composites for radio frequency and microwave applications. MATERIALS CHEMISTRY AND PHYSICS – V.271, Número do artigo 124956, 2021.
- 142- DA SILVA, GABRIELLY OLIVEIRA; FARIAS, BÁRBARA CIBELLE SOARES; DA SILVA, RENALLY BARBOSA; TEIXEIRA, EDSON HOLANDA; CORDEIRO, ROSSANA DE AGUIAR; Hissa, Denise Cavalcante; Melo, Vânia Maria Maciel. Effects of lipopeptide biosurfactants on clinical strains of growth and biofilm formation. MEDICAL MYCOLOGY, v. 00, p. 01-010, 2021.
- 143- NETO, MANUEL GONÇALVES DA SILVA ; MADEIRO, JOÃO PAULO DO VALE ; MARQUES, JOÃO ALEXANDRE LOBO ; GOMES, DANIELO G. . Towards an efficient prognostic model for fetal state assessment. MEASUREMENT, v. 185, p. 110034, 2021.
- 144- SANTOS, VALDENICE F. ; ARAÚJO, ANA C.J. ; FREITAS, PRISCILLA R. ; SILVA, ANA L.P. ; SANTOS, ANA L.E. ; MATIAS DA ROCHA, BRUNO ANDERSON ; SILVA, ROMÉRIO R.S. ; ALMEIDA, DNANE V. ; Garcia, Wanius ; COUTINHO, HENRIQUE D.M. ; TEIXEIRA, CLAUDENER S. . Enhanced antibacterial activity of the gentamicin against multidrug-resistant strains when complexed with Canavalia ensiformis lectin. MICROBIAL PATHOGENESIS, 2021.
- 145- DE FREITAS NUNES OLIVEIRA, ANDREZA; SABOYA DE SOUSA, LARA ISENSEE; SILVA DA COSTA, VANESSA ARIANE; DE ANDRADE, JOÃO VICTOR TEIXEIRA; LUCENA LIMA, LARA ANDRADE; DE SALES, PEDRO AMARAL FONTES; DA SILVA, DANILO FERREIRA; DE ARAUJO PEREIRA, ARTHUR PRUDÊNCIO; MACIEL MELO, VÂNIA MARIA. Long-term effects of grazing on the biological, chemical, and physical soil properties of the Caatinga biome. MICROBIOLOGICAL RESEARCH, v. 253, p. 126893, 2021.
- 146- DA SILVA SOUSA, JONAS ; OLIVEIRA DO NASCIMENTO, HÉLIO ; DE OLIVEIRA GOMES, HIAGO ; FERREIRA DO NASCIMENTO, RONALDO . Pesticide residues in groundwater and surface water: recent advances in solid-phase extraction and solid-phase microextraction sample preparation methods for multiclass analysis by gas chromatography-mass spectrometry. MICROCHEMICAL JOURNAL, v. 168, p. 106359, 2021.

- 147- RODRIGUES CARVALHO, KALINE ; JULIÃO ZOCCOLO, GUILHERME ; SOUSA DE BRITO, EDY ; ROCHA SILVEIRA, EDILBERTO ; MARQUES CANUTO, KIRLEY . Chemotyping the medicinal herb *Egletes viscosa* through SPME-GC-MS. MICROCHEMICAL JOURNAL, v. 168, p. 106434, 2021.
- 148- DE SOUZA, TICIANE C. ; OLIVEIRA, RAVENA CASEMIRO ; BEZERRA, SAULO GONÇALVES SANTIAGO ; MANZO, RICARDO M. ; MAMMARELLA, ENRIQUE J. ; HISSA, DENISE CAVALCANTE ; GONÇALVES, LUCIANA R. B. . Alternative Heterologous Expression of l-Arabinose Isomerase from *Enterococcus faecium* DBFIQ E36 By Residual Whey Lactose Induction. MOLECULAR BIOTECHNOLOGY, v. 1, p. 1, 2021.
- 149- Sousa, MP ; Verola, CF; Ribeiro-Silva, S; Zappi, DC; Souza, EH; Moraes, EM; Taylor, NP; Aona, LYS. Pollen-feeding bees in *Uebelmannia pectinifera* subsp. *pectinifera* - reproductive biology of an endemic cactus from the campo rupestre of eastern Brazil. NORDIC JOURNAL OF BOTANY, 2021.
- 150- OLIVEIRA, LUCAS E.S.; MOITA, LUCAS A.; SOUZA, BRUNA S.; OLIVEIRA, NAYLLA M.V.; SALES, ANA C.S.; BARBOSA, MAYCK S.; SILVA, FRANCISCA D.S.; FARIAS, ALAN L.C.; LOPES, VICTOR L.R.; FRANÇA, LUIZ F.C.; ALVES, EVEN H.P.; Freitas, Cleverson D.T.; Ramos, Marcio V.; VASCONCELOS, DANIEL F.P.; Oliveira, Jefferson S. Latex proteins from *Plumeria pudica* reduce ligature-induced periodontitis in rats. ORAL DISEASES, v. 00, p. 1-10, 2021.
- 151- OLIVEIRA, F. I. B. ; HERNANDEZ, E. V. ; SOLORZANO-KRAEMER, M. M. ; FREIRE, P. T. C. ; PASCHOAL, A. R. ; SILVA, J. H. ; MENDES, M. . Taphonomic analysis of the paleontomofauna assemblage from the cenozoic of the Fonseca Basin, Southeastern Brazil. PALAIOS, v. 36, p. 182, 2021.
- 152- SOUZA FILHO, ANTONIO GOMES; PINHEIRO, CARLOS BASÍLIO ; DOMINGUES, MARCUS VINICIUS ; FERNANDES, VIVIAN DUARTE COUTO ; LEITE, YURI LUIZ REIS . Unidade de gestão de dados e de indicadores críticos para avaliação de desempenho institucional. Perspectivas em Ciência da Informação (on line), v. 26, p. 157-173, 2021.
- 153- COSTA FILHO, RAIMUNDO N.; OLIVEIRA, S.F.S. ; AGUIAR, V. ; DA COSTA, D.R. . Two-dimensional electron gas in a non-Euclidean space. PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, v. 129, p. 114639, 2021.
- 154- SEYBOLD, HJ; LIMA, IA ; ARAUJO, AD. The critical behavior of the clogging process in a porous medium. PHYSICS OF FLUIDS, 2021.
- 155- SILVA, MARCOS JOSÉ ; LOIOLA, MARIA IRACEMA Bezerra . A new species of *Erythroxylum* (Erythroxylaceae) from the seasonal dry forests of the state of Goiás, Brazil. PHYTOTAXA (on-line), v. 480, p. 269-276, 2021.

- 156- SOBRAL, MARCOS ; BÜNGER, MARIANA O. ; AZEVEDO, LUÍSA O. ; DE PAULA, LUIZA F.A. . *Eugenia saxatilis* (Myrtaceae), a new species from Minas Gerais, Brazil. *PHYTOTAXA* (on-line), v. 522, p. 157-160, 2021.
- 157- LIMA, CARLOS PINHEIRO CHAGAS DE; OSTER, ANDRÉIA HANSEN; CAVALCANTI, FÁBIO ROSSI; PAULA, REGINA CÉLIA MONTEIRO DE; FEITOSA, JUDITH PESSOA ANDRADE. Induction of defense in apples by sulfated and deacetylated chichá gum. *Polímeros: ciência e Tecnologia*, v. 31, p. 1-8, 2021.
- 158- DIÓGENES, OTILIO B.F. ; DE OLIVEIRA, DAVI R. ; DA SILVA, LUCAS R.R. ; PEREIRA, ÍTALO GOMES ; MAZZETTO, SELMA ELAINE ; ARAUJO, WALNEY S. ; Lomonaco, Diego . Development of coal tar-free coatings: Acetylated lignin as a bio-additive for anticorrosive and UV-blocking epoxy resins. *PROGRESS IN ORGANIC COATINGS*, v. 161, p. 106533-, 2021.
- 159- ARAUJO, K. A. G.; BONATES, T. O. E.; PRATA, B. A. The integrated cutting and packing heterogeneous precast beams multiperiod production planning problem. *RAIRO-OPERATIONS RESEARCH*, v. 55, p. 2491-2524, 2021.
- 160- CARVALHO, R. M. ; OLIVEIRA, K. M. ; ANDRADE, R. M. C. . Catalog of Invisibility Correlations for UbiComp and IoT Applications. *REQUIREMENTS ENGINEERING*, 2021.
- 161- MONTEIRO, VICTOR ALVES CLEMENTE; DA SILVA, KÁSSIA TEIXEIRA; DA SILVA, LUCAS RENAN ROCHA; MATTOS, ADRIANO LINCOLN ALBUQUERQUE; DE FREITAS, RAFAELLA MARTINS; MAZZETTO, SELMA ELAINE; Lomonaco, Diego; AVELINO, FRANCISCO. Selective acid precipitation of Kraft lignin: a tool for tailored biobased additives for enhancing PVA films properties for packaging applications. *REACTIVE & FUNCTIONAL POLYMERS*, v. 1, p. 104980, 2021.
- 162- DE AVILA, M.A. ; PRACIANO, J. B. A. ; FEITOSA, R.A. . Education for sexuality in the Brazilian Common National Curricular Base: an analysis through the skills of the Natural Sciences field. *REXE REVISTA DE ESTUDIOS Y EXPERIENCIAS EN EDUCACIÓN*, 2021.
- 163- PALOMINO, GABY JUDITH QUISPE; SÁ, NAÍZA ARCÂNGELA RIBEIRO DE; GUERREIRO, DENISE DAMASCENO; GOMES, FRANCISCO DENILSON RODRIGUES; DA SILVA, RENATO FÉLIX; LOPES, EVERTON PIMENTEL FERREIRA; PAES, VICTOR MACEDO; GATAÍ, PEDRO HENRIQUE SILVA; ALVES, BENNER GERALDO; Pessoa, Otilia Deusdênia Loiola; FIGUEIREDO, JOSÉ RICARDO; ROCHA, REBECA MAGALHÃES PEDROSA; RODRIGUES, ANA PAULA RIBEIRO. Induced-damages on preantral follicles by withanolide D, a potent chemotherapy candidate

- are not attenuated by melatonin. *REPRODUCTIVE TOXICOLOGY*, v. 104, p. 125-133, 2021.
- 164- OLIVEIRA, A. M.; SOUSA, A. S. H. ; GONCALVES, G. R. . Assentamento Antônio Conselheiro: A Importância do Mapa Coletivo na Leitura da Realidade Camponesa. *REVISTA BRASILEIRA DE EDUCAÇÃO DO CAMPO*, v. 6, p. 1-24, 2021.
- 165- ASSIS, R. C. DE, SILVA, F. L. F. DA, REGES, J. G., PESSOA, P. P., ALMONDES, K. G. D. S., LOPES, G. S., MATOS, W. O., & MAIA, C. S. C. Selenium content and physicochemical characterization of traditional Brazilian coalho cheese. *REVISTA BRASILEIRA DE CIÊNCIAS AGRARIAS*, 16(1) 2021.
- 166- COSTA, M. C. G. ; NOGUEIRA, A. L. S. P. ; SILVA, L. R. D. . SLUDGE FROM EUTROPHIC WATER TREATMENT AS SOURCE OF PHOSPHORUS FOR MAIZE. *REVISTA BRASILEIRA DE CIÊNCIA DO SOLO (ONLINE) JCR*, 2021.
- 167- NOUCOUK, AGATHE ARRISSE; MELO, ROBBYSON MENDES ; FREIRE, GEORGE SATANDER SÁ ; MENOR, ELDEMAR DE ALBUQUERQUE . Upper Pleistocene-Holocene in the continental slope of the Cará Basin: an integrated analysis based on planktic foraminifera, sedimentological and geochemical aspects. *REVISTA BRASILEIRA DE PALEONTOLOGIA*, v. 24, p. 179-194, 2021.
- 168- ALIAS, LJ; DE LIRA, JHS; RIGOLI, M. Stability of mean curvature flow solitons in warped product spaces. *REVISTA MATEMATICA COMPLUTENSE*, 2021.
- 169- NASCIMENTO, H. P. ; MATIAS, LIGIA Q. Flora of Ceará, Brazil: Onagraceae. *Rodriguesia*, v. 72, p. e01732019, 2021.
- 170- MATIAS, L. Q. Flora of Ceará, Brazil: Cabombaceae. *Rodriguesia*, v. 72, p. e00592019., 2021.
- 171- PEREIRA, K.S.; MELO, J. I. M. ; SILVA, M. A. P. ; LOIOLA, M.I.B. . Flora do Ceará, Brasil: Heliotropiaceae. *RODRIGUESIA* 2021.
- 172- MENEZES, M. O.T. ; STANNARD, B. ; CAIRES, CL. ; LOIOLA, M.I.B. ; Moro, Marcelo Freire . Flora of Ceará, Brazil: Loranthaceae. *RODRIGUESIA*, 2021.
- 173- PEREIRA, K.S.; MELO, J. I. M. ; SILVA, M. A. P. ; LOIOLA, M.I.B. . Flora do Ceará, Brasil: Heliotropiaceae. *RODRIGUESIA* 2021.
- 174- PEREIRA, JOÃO ALVES FERREIRA ; COUTINHO, ÍTALO ANTÔNIO COTTA ; SOARES, EMANOELLA LIMA ; SOARES, Arlete Aparecida ; CAETANO, ANA PAULA DE SOUZA ; Campos, Francisco de Assis de Paiva . Morphoanatomical and histochemical

- studies of the seed development of *Euterpe oleracea* (Arecaceae). *RODRIGUESIA*, v. 72, p. 72, 2021.
- 175- SILVA, M. V. C. C.; RIBEIRO, R. T. M. ; LOIOLA, M.I.B. . Flora of Ceará, Brazil: Caryocaraceae, Hypericaceae and Rhizophoraceae *RODRIGUESIA* 2021.
- 176- NEPOMUCENO, F.A.A.; MARQUETE, R. ; SOUZA, E.B. ; LOIOLA, M.I.B. ; ALVES, M. . Flora do Ceará, Brasil: Salicaceae. *RODRIGUESIA*, v. 72, p. e02712018, 2021.
- 177- REBOUÇAS, N.C. ; FARIAS, D.C. ; COUTINHO, T.S. ; RIBEIRO, R.T.M.; ANDRÉ NETTO, J. ; LOIOLA, M.I.B. . Flora of Ceará, Brazil: Subtribo Gonolobinae (Asclepiadoideae/Apocynaceae). *RODRIGUESIA*, v. 72, p. e01622019. 2021, 2021.
- 178- CARVALHO, C. P. ; RIBEIRO, R.T.M.; SOUZA, E. B. ; LOIOLA, M.I. B. . Flora of Ceará, Brazil: Portulacaceae s.s.. *RODRIGUESIA*, 2021.
- 179- SILVA, M. V. C. C.; RIBEIRO, R. T. M. ; LOIOLA, M.I.B. . Flora of Ceará, Brazil: Caryocaraceae, Hypericaceae and Rhizophoraceae *RODRIGUESIA* 2021.
- 180- FARIAS, D.C. ; REBOUÇAS,N.C. ; COUTINHO, T.S. ; RIBEIRO, R.T.M. ; LOIOLA, M.I.B. . Flora of Ceará, Brazil: Ditassa (Asclepiadoideae/Apocynaceae). *RODRIGUESIA*, v. 72, p. e01772019. 2021, 2021.
- 181- SOUZA, F. G. L.S. ; CORDEIRO, L.S. ; SAMPAIO, V. S. ; SILVA, M.A. P.; LOIOLA, M.I.B.. Flora of Ceará, Brazil: Passifloraceae s.s.. *RODRIGUESIA*, 2021.
- 182- OLIVEIRA, KECIANY ALVES DE; ARAÚJO, HYGOR NUNES; LIMA, TANES IAMAMURA DE; OLIVEIRA, ANDRÉ GUSTAVO; FAVERO-SANTOS, BIANCA CRISTINE; GUIMARÃES, DIMITRIUS SANTIAGO P.S.F.; FREITAS, PAULA ALEXANDRE DE; NEVES, REGINA DE JESUS DAS; VASCONCELOS, RENATA PRADO; ALMEIDA, MARINA GABRIELLE GUIMARÃES DE; RAMOS, MÁRCIO VIANA; SILVEIRA, LEONARDO REIS; OLIVEIRA, ARICLECIO CUNHA DE. Phytomodulatory proteins isolated from *Calotropis procera* latex promote glycemic control by improving hepatic mitochondrial function in HepG2 cells. *SAUDI PHARMACEUTICAL JOURNAL*, v. 29, p. 1061-1069, 2021.
- 183- ARAGÃO, B. S. ; ANDRADE, R. M. C. ; SANTOS, I. S. ; CASTRO, R. N. S. ; LELLI, V. ; DARIN, T.G. R. . TestDCat 3.0: catalog of test debt subtypes and management activities. *SOFTWARE QUALITY JOURNAL (ONLINE)*, v. x, p. 1, 2021.
- 184- REBOUCAS, N. C. ; SAMPAIO, V. S. ; BÜNGER, M. O. ; ROQUE, N. . *Pectis loiolae* (Asteraceae: Tageteae): New Species Registered in the Natural Monument at the Archaeological Site in Northeast Brazil. *SYSTEMATIC BOTANY*, v. 46, p. 486-492, 2021.

- 185- FEU, AMANDA EIRIZ; DE ANDRADE, JEAN PAULO; Ayala, Alejandro Pedro; DE ALMEIDA, LARISSA COSTA; COSTA-LOTUFO, LETICIA V; BASTIDA, JAUME; ELLENA, JAVIER; BORGES, WARLEY DE SOUZA. Glycosylated narciclasine alkaloid in *Hippeastrum puniceum* (Lam.) Kuntze. SOUTH AFRICAN JOURNAL OF BOTANY, v. 136, p. 30-34, 2021.
- 186- MARQUES, DANIEL MACIEL ; ROCHA, JOANNA DE FREITAS ; DE ALMEIDA, THIAGO SILVA ; Mota, Erika Freitas . Essential Oils Of Caatinga Plants With Deletary Action For *Aedes Aegypti*: A Review. SOUTH AFRICAN JOURNAL OF BOTANY, v. 143, p. 69-78, 2021.
- 187- CHAUDHARY, MK ; KARTHICK, T ; JOSHI, BD ; PRAJAPATI, P ; DE SANTANA, MSA ; AYALA, AP ; ; TANDON, P . Molecular structure and quantum descriptors of cefradine by using vibrational spectroscopy (IR and Raman), NBO, AIM, chemical reactivity and molecular docking SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY – V. 246 ,p.118976, 2021.
- 188- PANDEY, JAYA; PRAJAPATI, PREETI; TANDON, POONAM; SINHA, KIRTI; Ayala, Alejandro Pedro; ELLENA, JAVIER. Vibrational and conformational analysis of structural phase transition in Estradiol 17 β valerate with temperature. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, v. 263, p. 120219, 2021.
- 189- MOURA, J.V.B. ; DE ABREU LIMA, C.D. ; MELO, E.A.O. ; SANTOS, V.E. ; FERREIRA, W.C. ; Freire, P.T.C. ; LUZ-LIMA, C. Temperature-dependent phonon dynamics of Ag₃PO₄ microcrystals. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, v. 249, p. 119339, 2021.
- 190- SILVA, R. ; RAMIRO DE CASTRO, A.J. ; DA SILVA FILHO, J.G. ; de Sousa, F.F. ; PARAGUASSU, W. ; Freire, P.T.C. ; Façanha Filho, P.F. Pressure-induced phase transition in Glycinium maleate crystal. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, v. 262, p. 120076, 2021.
- 191- SANTOS, C.A.A.S.; Lima, R.J.C.; PARAGUASSU, W.; DA SILVA FILHO, J.G.; dos Santos, A.O.; Lima, J.A.; Freire, P.T.C.; Filho, P.F. Façanha. High-pressure study by Raman spectroscopy and DFT calculations of L-tyrosine hydrobromide crystal. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, v. 263, p. 120142, 2021.
- 192- ALVES, E. R. ; Oliveira, C.D.M. de . A Multiescalaridade na valorização patrimonial de comunidades remanescentes de quilombo no município de Tururu, CE, Brasil. TERR@ PLURAL (UEPG. ONLINE), v. 15, p. 1-18, 2021.

- 193- NETO, MILTON C. LIMA ; CARVALHO, FABRICIO E. L. ; SOUZA, GUSTAVO M. ; SILVEIRA, JOAQUIM A. G. . Understanding photosynthesis in a spatial-temporal multiscale: The need for a systemic view. *Theoretical and Experimental Plant Physiology*, v. 33, p. 113-124, 2021.
- 194- GURGEL-LOURENÇO, R.C. ; DE S. RODRIGUES-FILHO, C. A. ; ARAÚJO, P.V.O. ; SÁNCHEZ-BOTERO, J.I. . Phenotypic variation among silverside populations (*Atherinopsidae: Atherinella brasiliensis*) from distinct environments in Northeastern Brazil. *ZOOLOGY*, 2021.
- 195- SOARES, M.O. ; CAMPOS, C.C. ; CARNEIRO, P.B.M. ; BARROSO, H.S. ; MARINS, R.V. ; TEIXEIRA, C.E.P. ; MENEZES, M.O.B. ; PINHEIRO, L.S. ; VIANA, M.B. ; FEITOSA, C.V. ; SÁNCHEZ-BOTERO, J.I. ; BEZERRA, L.E.A. ; ROCHA-BARREIRA, C.A. ; MATTHEWS-CASCON, H. ; MATOS, F.O. ; GORAYEB, A. ; CAVALCANTE, M.S. ; MORO, M.F. ; ROSSI, S. ; BELMONTE, G. ; MELO, V.M.M. ; ROSADO, A.S. ; RAMIRES, G. ; TAVARES, T.C.L. ; GARCIA, T.M. . Challenges and perspectives for the Brazilian semi-arid coast under global environmental changes. *ZOOLOGY*, v. 19, p. 267-278, 2021

QUALIS B2

- 1- FEITOSA, RAPHAEL ALVES; SILVA, F. P. F. ; SANTOS NETO, M. B. . Mandala as a reflection tool for teacher education in the field of biology teaching training. *ACTA SCIENTIARUM. EDUCATION (ONLINE)*, 2021.
- 2- SINGH, J; SINGH, C; KAUR, D; NARANG, SB; JOTANIA, RB; KAGDI, A; JOSHI, R; BEZERRA, AS 7; DI, Z; TRUKHANOV, S.; PANINA, L; TRUKHANOV, A. Optimization of Performance Parameters of Doped Ferrite-Based Microwave Absorbers: Their Structural, Tunable Reflection Loss, Bandwidth, and Input Impedance Characteristics. *IEEE TRANSACTIONS ON MAGNETICS - Volume 57, Número do artigo 2800619*, 2021.
- 3- FRANÇA, ANTONIA M. M. ; BESSA, RAQUEL A. ; OLIVEIRA, EDIPO S. ; NASCIMENTO, MARCOS V. M. ; LUNA, FRANCISCO M. T. ; LOIOLA, ADONAY R. ; Nascimento, Ronaldo F. In-situ cost-effective synthesis of zeolite A in Al₂O₃-SiO₂ glass fibers for fixed bed adsorption of Cu²⁺, Cd²⁺ and Pb²⁺., *ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY*, v. x, p. 1-10, 2021.
- 4- RÊGO, LEANDRO CHAVES; SILVA, HUGO VICTOR; RODRIGUES, CARLOS DIEGO. Optimizing the cost of preference manipulation in the graph model for conflict resolution. *APPLIED MATHEMATICS AND COMPUTATION*, v. 392, p. 125729, 2021.
- 5- LAVOR, CARLILE ; SOUZA, MICHAEL ; CARVALHO, Luiz M. ; GONÇALVES, DOUGLAS S. ; MUCHERINO, ANTONIO . Improving the sampling process in the interval

- Branch-and-Prune algorithm for the discretizable molecular distance geometry problem. *APPLIED MATHEMATICS AND COMPUTATION*, v. 389, p. 125586, 2021.
- 6- DE OLIVEIRA SOUZA, NAYARA; ARAÚJO CUNHA, DIANA; DE SOUSA RODRIGUES, NARA; LUÍSA PEREIRA, ANNA; JORDANYA TEIXEIRA MEDEIROS, ELIZABETH; DE AZEVEDO PINHEIRO, ARYANE; ALVES DE VASCONCELOS, MAYRON; GONZAGA DO NASCIMENTO NETO, LUIZ; TEIXEIRA BEZERRA, THAYLLAN; ELAINE MAZZETTO, SELMA; Lomonaco, Diego; HOLANDA TEIXEIRA, EDSON; DE PAULO ARAGÃO SABOIA, VICENTE. Cashew nut shell liquids: antimicrobial compounds in prevention and control of the oral biofilms. *ARCHIVES OF ORAL BIOLOGY*, v. 1, p. 105299, 2021.
 - 7- AMARAL, JACKSON L.; Freitas, Cleverson D. T.; RODRIGUES, JOÃO P. V.; HUSSAIN, GHULAM; Ramos, Márcio V.; SOUZA, PEDRO F. N. Peptide fraction from latex of *Calotropis procera* exhibits antifungal and insecticidal activities. *Arthropod-Plant Interactions*, v. 15, p. 431-438, 2021.
 - 8- FONSECA, ALUÍSIO M.; SILVA, LEONARDO PAES DA; ALMEIDA-NETO, FRANCISCO WAGNER DE QUEIROZ; COLARES, Regilany Paulo; MACEDO DE OLIVEIRA, MAURO; LUTHIERRE GAMA CAVALCANTE, ANTÔNIO; LEMOS, TELMA L. G.; BRAZ-FILHO, RAIMUNDO; De Lima-Neto, Pedro; MARINHO, EMMANUEL SILVA. Synthesis of a new quinine dimer biocatalysed by the coconut water. *BIOCATALYSIS AND BIOTRANSFORMATION*, v. 39, p. 1-10, 2021.
 - 9- DOS SANTOS, JOÃO VITOR ; FREGOLENTE, LAÍS GOMES ; LARANJA, MARCIO JUSTI ; MOREIRA, ALTAIR BENEDITO ; FERREIRA, ODAIR PASTOR ; BISINOTI, MÁRCIA CRISTINA . Hydrothermal carbonization of sugarcane industry by-products and process water reuse: structural, morphological, and fuel properties of hydrochars. *BIOMASS CONVERSION AND BIOREFINERY*, v. XX, p. YY, 2021.
 - 10- RIBEIRO, V. O. ; NOBRE, JUVÊNCIO S ; SANTOS, JOSÉ ROBERTO S. ; AZEVEDO, C. L. N. . Beta rectangular regression models to longitudinal data. *Brazilian Journal of Probability and Statistics*, 2021.
 - 11- SAULO, H. ; LEÃO, J.S. ; NOBRE, J.S. ; BALAKRISHNAN, N. A class of asymmetric regression models for left-censored data. *Brazilian Journal of Probability and Statistics*, v. 35, p. 62-84, 2021.
 - 12- FRANÇA, ANA LARISSA DE Q. ; CHAVES, HELLÍADA V. ; FREIRE, JORDÂNIA M. DE O. ; DE SOUSA, LUZIA HERMÍNIA T. ; PIMENTA, ANTÔNIA T. A. ; LIMA, MARY ANNE S. ; DE OLIVEIRA, BRUNA R. ; DE MATTOS, MARCOS CARLOS ; PINTO, VICENTE DE PAULO T. ; PORTELA, ANTÔNIA MOÊMIA L. R. ; PEREIRA, KARUZA MARIA A. ; COSTA, JOSÉ JACKSON DO N. ; GOES, PAULA ; JORGE, ROBERTA JEANE B. ; SILVEIRA, JOÃO ALISON DE M. ; BRAZ, HELYSON LUCAS

- B. ; DE MORAES, MARIA ELISABETE A. ; BEZERRA, MIRNA M. . Molecular docking study and antireabsorptive activity of a semi-synthetic coumarin derivative from *Platymiscium floribundum* in the ligature-induced periodontitis in rats: the involvement of heme oxygenase-1. *Clinical Oral Investigations*, v. xx, p. xx-XX, 2021.
- 13-QUEIROZ, JOÃO PEDRO FERNANDES; LIMA, NICHOLAS COSTA BARROSO; Rocha, Bruno Anderson Matias. The rise and fall of globins in the amphibia. *COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY D-GENOMICS & PROTEOMICS*, v. 37, p. 100759, 2021.
- 14-SILVA, M. S. P. ; SILVA, C. E. P. ; SILVA, F. L. F. ; RAULINO, D. S. ; BECKER, H. ; VIDAL, C. B. ; NASCIMENTO, R.F. . Optimization of a dispersive liquid-liquid microextraction followed by liquid chromatography-diode array detection method for the determination of parabens in surface waters. *Desalination and Water Treatment*, v. 231, p. 273-286, 2021.
- 15-BRAS, A. K. S. ; Correia, L.M ; ROMERO, F. B. ; VIDAL, C. B. ; Lima, A.C.A ; NASCIMENTO, R. F. A study of the factors that contribute to the corrosion process in produced water samples: a multivariate analysis approach. *DESALINATION AND WATER TREATMENT*, v. 220, p. 73-82, 2021.
- 16-FRANCA, A. M. M. ; SOUSA, F. W. ; LOIOLA, A.R. ; LUNA, F. M. T. ; VIDAL, C. B. ; NASCIMENTO, R. F. . Study of Cu^{2+} , Ni^{2+} , and Zn^{2+} competitive adsorption on synthetic zeolite: an experimental and theoretical approach. *DESALINATION AND WATER TREATMENT (ONLINE)*, v. 227, p. 263-277, 2021.
- 17-DA SILVA, JOSÉ NUNES; LEITE, ANTONIO JOSÉ MELO ; WINUM, JEAN-YVES ; BASSO, ANDREA ; DE SOUSA, ULISSES SILVA ; DO NASCIMENTO, DAVID MACEDO ; ALVES, SAMUEL MOURA . HSG400 - Design, Implementation, and Evaluation of a Hybrid Board Game for Aiding Chemistry and Chemical Engineering Students in the Review of Stereochemistry During and After the COVID-19 Pandemic. *EDUCATION FOR CHEMICAL ENGINEERS*, v. 00, p. 00-00, 2021.
- 18-SILVA JÚNIOR, JOSÉ NUNES DA; SOUSA LIMA, MARY ANNE ; ÁVILA PIMENTA, ANTONIA TORRES ; NUNES, FÁTIMA MIRANDA ; MONTEIRO, ÁLVARO CARVALHO ; LEITE JUNIOR, A. J. M. ; ZAMPIERI, DÁVILA ; OLIVEIRA ALEXANDRE, FRANCISCO SERRA ; DE SOUSA, ULISSES SILVA ; PACIONI, NATALIA LORENA ; WINUM, JEAN-YVES. Design, implementation, and evaluation of a game-based application for aiding chemical engineering and chemistry students to review the organic reactions. *EDUCATION FOR CHEMICAL ENGINEERS*, v. 34, p. 106-114, 2021.
- 19-WERNECK, L. ; MAGINI, C. ; NACSIMENTO, D. R. ; ANTUNES, R. L. Ocorrência de rochas sedimentares carbonáticas do Cretáceo Superior no substrato da cidade de Fortaleza e

- suas possíveis implicações estratigráficas e estruturais. GEOCIÊNCIAS (SÃO PAULO. ONLINE), v. 40, p. 373-395, 2021.
- 20- OLIVEIRA, C.D.M. DE; PAIVA, L. A. ; TORRES, K. F. . ALEGORIA DE MOMO COMO MAPAS-FRACTAIS DAS FRÁGEIS DEMOCRACIAS LATINAS. GEOSABERES REVISTA DE ESTUDOS GEOEDUCACIONAIS, v. 12, p. 68, 2021.
- 21- ILIEV, PS; WITTEL, FK; HERRMANN, HJ. Inversion of force lines in fiber-reinforced jammed granular material. EUROPEAN PHYSICAL JOURNAL E - V44, Número do artigo: 58, 2021.
- 22- ARAUJO FILHO, A. A.LORENTZ. Violating scenarios in a thermal reservoir. EUROPEAN PHYSICAL JOURNAL PLUS - V136 - Número do artigo: 417, 2021.
- 23- CARVALHO, F. G. ; DUARTE, L. D. S. ; NAKAMURA, G. ; SEGER, G. D. S. ; JUEN, L. . Changes of Phylogenetic and Taxonomic Diversity of Odonata (Insecta) in Response to Land Use in Amazonia. FORESTS, v. 12, p. 1061, 2021.
- 24- MAS, J. F. ; SOPCHAKI, C. H. ; RABELO, F. D. B. ; ARAÚJO, F. S. ; SOLORZANO, J. V. . Análise da disponibilidade de imagens Landsat e Sentinel-2 para o Brasil. GEOGRAFIA ENSINO & PESQUISA, v. 24, p. e47,2020, 2021.
- 25- GOMES, IARA RAFAELA; OLIVEIRA, PAULO ROBERTO DE ABREU . As pequenas cidades, a vilegiatura e a urbanização no nordeste brasileiro. GEOSABERES REVISTA DE ESTUDOS GEOEDUCACIONAIS, v. 12, p. 124-138, 2021.
- 26- RÊGO, LEANDRO CHAVES; VIEIRA, GIANNINI ITALINO ALVES. Matrix Representation of Solution Concepts in the Graph Model for Conflict Resolution with Probabilistic Preferences and Multiple Decision Makers. GROUP DECISION AND NEGOTIATION, v. 30, p. 697-717, 2021.
- 27- OLIVEIRA, C. R. ; ARAUJO, K. C. ; OLIVEIRA, H. F. ; Ávila, R.W. . Herpetofauna from a Caatinga area at Farias Brito municipality, Ceará State, Northeastern Brazil. HERPETOLOGY NOTES, v. 14, p. 135-146, 2021.
- 28- PEREIRA, A. J. C. G. ; CARVALHO, V. T. ; ALMEIDA, A. P. ; ROJAS, R. R. ; GORDO, MARCELO ; FRAZAO, L. ; Ávila, R.W. ; MENIN, MARCELO . New records of the Horned toad (Rhinella ceratophrys): filling distribution gaps in lowland forests in the Brazilian Amazon. HERPETOLOGY NOTES, v. 14, p. 435-438, 2021.
- 29- Marques, DD ; De Carvalho, CEG ; Sartori, RA ; De Lemos, TLG; Monte, FJQ. Chemical composition of cuticular wax from leaves of protium HEBETATUM DALY (BURSERACEAE). HOLOS, 2021.

- 30- MARQUES, JOAO ALEXANDRE LOBO ; HAN, TAO ; WU, WANQING ; **MADEIRO, JOAO PAULO DO VALE** ; NETO, ALOISIO VIEIRA LIRA ; GRAVINA, RAFFAELE ; FORTINO, GIANCARLO ; DE ALBUQUERQUE, VICTOR HUGO C. . IoT-Based Smart Health System for Ambulatory Maternal and Fetal Monitoring. IEEE INTERNET OF THINGS JOURNAL, v. 8, p. 16814-16824, 2021.
- 31- DO, DINH-THUAN; VAN NGUYEN, MINH-SANG; VOZNAK, MIROSLAV; KWASINSKI, ANDRES; DE SOUZA, JOSE NEUMAN. Performance Analysis of Clustering Car-Following V2X System with Wireless Power Transfer and Massive Connections. IEEE INTERNET OF THINGS JOURNAL, V. online, p. 1-1, 2021.
- 32- SILVA, JULIANNE COELHO; MOREIRA, MADIANA MAGALHÃES; NOBRE, CAIO FELIPE DE ALMEIDA; ARAÚJO NETO, VITALIANO GOMES; Lomonaco, Diego; FEITOSA, VICTOR PINHEIRO. Influence of hydrophobic layer of Bis-EMA with different ethoxilations on adhesive's bonding efficacy and mechanical properties. INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, v. 105, p. 102796, 2021.
- 33- DUAVÍ, WERSÂNGELA C. ; GAMA, ALLYNE F. ; DAMASCENO, ÉVILA P. ; MOREIRA, LUCAS B. ; DA SILVA, VITOR P. A ; Nascimento, Ronaldo F. ; CAVALCANTE, RIVELINO M. Are pesticides only a problem from rural areas? The case of a highly urbanised tropical mangrove (Fortaleza, CE, Brazil). INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, v. x, p. 1-19, 2021.
- 34- MOREIRA, A. R. P. ; VERAS, D. F. ; SILVA, J. E. G. ; Almeida, C.A.S. . Thick string-like braneworlds in $f(T)$ gravity. INTERNATIONAL JOURNAL OF MODERN PHYSICS D, v. 30, p. 2150047, 2021.
- 35- MOREIRA, A. R. P. ; SILVA, J. E. G ; ALMEIDA, C. A. S. . Teleparallel gravity: Effects of torsion in 6D braneworlds. INTERNATIONAL JOURNAL OF MODERN PHYSICS D, v. 30, p. 2150103, 2021.
- 36- CAMPÊLO, MANOEL; SOARES, JOEL C.; MACIEL, TARCISIO F.; LIMA, F. RAFAEL M. Heuristics for the connected assignment problem in arrays. International Transactions in Operational Research, v. 28, p. 3147-3171, 2021.
- 37- SARAIVA, ROMMEL DIAS ; ANDRADE, RAFAEL CASTRO . Constrained shortest path tour problem: models, valid inequalities, and Lagrangian heuristics. INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH, v. 28, p. 222-261, 2021.
- 38- LEOPOLDINO OLIVEIRA, KAREN M.; BEDLE, HEATHER ; LA MARCA MOLINA, KARELIA . Identification of polygonal faulting from legacy 3D seismic data in vintage Gulf of Mexico data using seismic attributes. Interpretation-A Journal of Subsurface Characterization, v. 1, p. 1-17, 2021.

- 39- SOUZA, N. O. ; SOUSA, R. S.; ISOLAN, C. P.; MORAES, R. R.; LIMA, G. S.; Diego Lomonaco; PAULA, D. M.; ALVES, A. H.; SABOIA, V. P. A.; FEITOSA, VICTOR PINHEIRO. Intraradicular Dentin Biomodification with Natural Agents for Bonding Glass-fiber Posts. JOURNAL OF ADHESIVE DENTISTRY, v. 23, p. 223-230, 2021.
- 40- DE FREITAS, JVB ; NOBRE, JS . Bourguignon, M (Bourguignon, Marcelo) Santos-Neto, M (Santos-Neto, Manoel). A new approach to modeling positive random variables with repeated measures. JOURNAL OF APPLIED STATISTICS, 2021.
- 41- NASCIMENTO, A. D. C. ; RÊGO, LEANDRO CHAVES ; SILVA, J. . Compound Truncated Poisson Gamma Distribution for Understanding Multimodal SAR Intensities. JOURNAL OF APPLIED STATISTICS, 2021.
- 42- SILVA, A. R. S. ; AZEVEDO, C. L. N. ; BAZAN, J. L. ; NOBRE, JUVÊNIO S. . Augmented-limited regression models with an application to the study of the risk perceived using continuous scales. JOURNAL OF APPLIED STATISTICS, 2021.
- 43- SILVA, A. R. S. ; AZEVEDO, C. L. N. ; BAZAN, J. L. ; NOBRE, JUVÊNIO S. . Bayesian inference for zero-and/or-one augmented beta rectangular regression models. Brazilian JOURNAL OF PROBABILITY AND STATISTICS, 2021.
- 44- COLARES, DD; ABREU, RF ; SILVA, FR ; ABREU, TO ; NOBREGA, FAC ; FREITAS, DB ; DO NASCIMENTO, JPC; FGS; VASCONCELOS, IF; GHOSH, A; VASCONCELOS, SJT; SALES, JC; SILVA, RS; SOMBRA, ASB; Improving the microwave dielectric properties of $\text{BiCu}_3\text{Ti}_3\text{FeO}_{12}$ with the addition of Bi_2O_3 . JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, 2021.
- 45- ABREU, RF; ABREU, TO 2; COLARES, D D; SATURNO, SO; DO NASCIMENTO, JPC; NOBREGA, FAC; GHOSH, A; VASCONCELOS, SJT; SALES, JC; DE ANDRADE, HD; QUEIROZ, IS; SOMBRA, ASB. Evaluation of dielectric properties of the barium titanium silicate ($\text{Ba}_2\text{TiSi}_2\text{O}_8$) for microwave applications - JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS - DOI: 10.1007/s10854-021-05414-7.
- 46- BEZERRA, MH; ABREU, TO; DO CARMO, FF; DE MORAIS, JEV; OLIVEIRA, RGM; SILVA, MAS; DE ANDRADE, HD; QUEIROZ, IS; MOTA, JCM .; SOMBRA, ASB; Impedance spectroscopy analysis of an FeNbO_4 matrix with different additions of TiO_2 and the effects of temperature variation JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS - DOI: 10.1007/s10854-021-05314-w.
- 47- SILVA, PHT; SILVA, MAS; SOMBRA, ASB; FECHINE, PBA; Dielectric properties of bismuth layer structured ferroelectric $\text{Bi}_3\text{R}_2\text{Ti}_3\text{FeO}_{15}$ (R = Bi, Gd, and Nd) at microwave and radiofrequency. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 2021. v. 32, p. 18628-18643, 2021.

- 48-FREITAS, DB; BEZERRA, MH; OLIVEIRA, RGM; DE MORAIS, JEV; BESSA, VL; CARMO, FF; PEREIRA, MS; VASCONCELOS, IF; SILVA, MAS; DE ANDRADE, HD; QUEIROZ, IS; SILVA, RS; SOMBRA, ASB. Impedance and Mossbauer spectroscopy study of BiCu₃Ti₃FeO₁₂ dielectric matrix. JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 2021.
- 49- ARAUJO, K. A. G.; BONATES, T. O. E.; PRATA, B. A. Modeling and scheduling hybrid open shops for makespan minimization. JOURNAL OF MODELLING IN MANAGEMENT (PRINT), v. ahead-of-print, p. 1, 2021.
- 50-DA CUNHA XAVIER, JAYZE ; ALMEIDA-NETO, FRANCISCO WAGNER DE QUEIROZ ; DA SILVA, PRISCILA TEIXEIRA ; DE SOUSA, AMANDA PEREIRA ; MARINHO, EMMANUEL SILVA ; MARINHO, MÁRCIA MACHADO ; ROCHA, JANAINA ESMERALDO ; FREITAS, PRISCILA RAMOS ; DE ARAÚJO, ANA CAROLINA JUSTINO ; FREITAS, THIAGO SANTIAGO ; NOGUEIRA, CARLOS EMÍDIO SAMPAIO ; DE LIMA-NETO, PEDRO ; BANDEIRA, PAULO NOGUEIRA ; TEIXEIRA, ALEXANDRE MAGNO RODRIGUES ; COUTINHO, HENRIQUE DOUGLAS MELO ; DOS SANTOS, HÉLCIO SILVA . Structural characterization, DFT calculations, ADMET studies, antibiotic potentiating activity, evaluation of efflux pump inhibition and molecular docking of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. JOURNAL OF MOLECULAR STRUCTURE, v. 1227, p. 129692, 2021.
- 51-PASCOAL, KARLA L.L.; SIQUEIRA, SÔNIA M.C.; DE AMORIM, ANTÔNIA F.V.; RICARDO, NÁGILA M.P. SILVA; DE MENEZES, JANE E.S.A.; DA SILVA, LUANA C.; DE ARAÚJO, TAMARA G.; ALMEIDA-NETO, FRANCISCO W.Q.; MARINHO, EMMANUEL S.; DE MORAIS, SELENE M.; SARAIVA, GILBERTO D.; DE LIMA-NETO, PEDRO; DOS SANTOS, HÉLCIO S.; TEIXEIRA, ALEXANDRE M.R. Physical-chemical characterization, controlled release, and toxicological potential of galactomannan-bixin microparticles. JOURNAL OF MOLECULAR STRUCTURE, v. 1239, p. 130499, 2021.
- 52-CHAUDHARY, MANOJ KUMAR; PRAJAPATI, PREETI; SRIVASTAVA, KARNICA; SILVA, KEILLA FAÇANHA; JOSHI, BHAWANI DATT; TANDON, POONAM; Ayala, Alejandro Pedro. Molecular interactions and vibrational properties of ricobendazole: Insights from quantum chemical calculation and spectroscopic methods. JOURNAL OF MOLECULAR STRUCTURE, v. 1230, p. 129889, 2021.
- 53-CHAUDHARY, TARUN; CHAUDHARY, MANOJ KUMAR; JOSHI, BHAWANI DATT ; DE SANTANA, MARIA SILMARA ALVES; Ayala, Alejandro Pedro. Spectroscopic (FT-IR, Raman) analysis and computational study on conformational geometry, AIM and biological activity of cephalixin from DFT and molecular docking approach. JOURNAL OF MOLECULAR STRUCTURE, v. 1240, p. 130594, 2021.

- 54- VASCONCELOS, D.L.M.; SILVA, C.B.; TEIXEIRA, A.M.R.; FREIRE, P.T.C. Structural and spectroscopic analysis of the Cis-Trans isomers of the captopril in the gaseous and aqueous phases. JOURNAL OF MOLECULAR STRUCTURE, v. 1243, p. 130872, 2021.
- 55- GARCIA, TR; FREIRE, PDC; BANDEIRA, PN; DE SOUSA, AP; JULIAO, MSD; RODRIGUES, THS; MARINHO, MM; MARINHO, ES; ALMEIDA-NETO, FWQ; FERREIRA, MKA; DA SILVA, AW; DE MENEZES, JESA ; DE PAIVA, AS; DA HORA, JP; BARRETO, ACH; DOS SANTOS, HS; TEIXEIRA, AMR. Synthesis, structural and spectroscopic characterization, in silico study, and antinociceptive effect in adult zebrafish of 2-(4-isobutylphenyl)-N'-phenylpropanohydrazide. JOURNAL OF MOLECULAR STRUCTURE, 2021. Volume 1243, Número do artigo 130860, DOI: 10.1016/j.molstruc.2021.130860.
- 56- FREITAS, PRISCILA RAMOS; DE ARAÚJO, ANA CAROLINA JUSTINO; FREITAS, THIAGO SANTIAGO; NOGUEIRA, CARLOS EMÍDIO SAMPAIO; DE LIMA-NETO, PEDRO; BANDEIRA, PAULO NOGUEIRA; TEIXEIRA, ALEXANDRE MAGNO RODRIGUES; COUTINHO, HENRIQUE DOUGLAS MELO; DOS SANTOS, HÉLCIO SILVA. Structural characterization, DFT calculations, ADMET studies, antibiotic potentiating activity, evaluation of efflux pump inhibition and molecular docking of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. JOURNAL OF MOLECULAR STRUCTURE, v. 1227, p. 129692, 2021.
- 57- DE OLIVEIRA, MAURO M.; NOGUEIRA, CARLOS E.S.; ALMEIDA-NETO, FRANCISCO WAGNER Q.; SANTOS, HELCIO S.; TEIXEIRA, ALEXANDRE M.R.; DE LIMA-NETO, PEDRO; MARINHO, EMMANUEL S.; DE MORAES, MANOEL O.; PESSOA, CLAUDIA; BARROS-NEPOMUCENO, FRANCISCO WASHINGTON A. Full Spectroscopic Characterization and Cytotoxicity Activity of Synthetic Dibenzalacetone Derivatives.. JOURNAL OF MOLECULAR STRUCTURE, v. 1231, p. 129670, 2021.
- 58- LEAL, ANTÔNIO L.A.B.; PINHEIRO, DANIEL P.; BARROS-NEPOMUCENO, FRANCISCO W.A.; DA SILVA, PRISCILA T.; PESSOA, CLAUDIA; DE ALMEIDA-NETO, FRANCISCO W.Q.; MARINHO, EMMANUEL S.; BARRETO, ANTÔNIO C.H.; JULIÃO, MURILO S.S.; DE PAIVA, ALDENEIDE S.; BANDEIRA, PAULO N.; DE LIMA-NETO, PEDRO; DOS SANTOS, HÉLCIO S.; TEIXEIRA, ALEXANDRE M.R. Structural and spectroscopic analysis and evaluation of cytotoxic activity of 2-hydroxychalcones against human cancer cell lines. JOURNAL OF MOLECULAR STRUCTURE, v. 1245, p. 131135, 2021.
- 59- BASSINI-SILVA, RICARDO ; HUANG-BASTOS, MATHEUS ; MORAIS, DRAUSIO HONORIO ; ALCANTARA, EDNA PAULINO ; ÁVILA, ROBSON WALDEMAR ; WELBOURN, CAL ; OCHOA, RON ; BARROS-BATTESTI, DARCI MORAES ; JACINAVICIUS, FERNANDO DE CASTRO . A new species of Hannemania Oudemans, 1911 (Trombidiformes: Leeuwenhoekiiidae) from Brazil. JOURNAL OF NATURAL HISTORY, v. 55, p. 1277-1287, 2021.

- 60-PEREIRA, RITA C. S.; DA SILVA, LUCAS R. R.; CARVALHO, BRUNA A.; MATTOS, ADRIANO L. A.; MAZZETTO, SELMA E.; LOMONACO, DIEGO. Development of Bio-based Polyurethane Wood Adhesives from Agroindustrial Waste. JOURNAL OF POLYMERS AND THE ENVIRONMENT, v. 1, p. 1-1, 2021.
- 61-VASQUES, ROBERTA BASTOS; LEVY, MARJORY MOREIRA; RODRIGUES, MATHEUS SOUZA; QUEIROZ ALMEIDA NETO, FRANCISCO WAGNER; SILVA, LEONARDO PAES; VAZ, GUSTAVO LEITÃO; MAGALHÃES, ÁLVARO AUGUSTO OLIVEIRA; LIMA'NETO, PEDRO; ARAÚJO, WALNEY SILVA. A theoretical and experimental study of phosphate ester inhibitors for AISI 1018 in carbon dioxide-saturated 3.5-wt% NaCl solution. MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, v. 72, p. 1417-1432, 2021.
- 62-NAKAMURA, G.; VICENTIN, W. ; SÚAREZ, Y. R. . Taxonomic and phylogenetic beta diversity in headwater stream fish communities of the Paraná and Paraguai River basins. NEOTROPICAL ICHTHYOLOGY, v. 19, p. e200126, 2021.
- 63-PAIVA, D.V.M. ; JAKKA, S.K. ; SILVA, M.A.S. ; DO NASCIMENTO, J.P.C. ; GRAÇA, M.P.F. ; SOMBRA, A.S.B. ; SOARES, M.J. ; MAZZETTO, S.E. ; FECHINE, P.B.A. ; PAVANI, K. . Investigation on luminescence based optical temperature sensing behavior of Sr3MoO6:Eu3+/Tb3+. OPTIK, v. , p. 167825-, 2021.
- 64-SOARES, PABLO; CAMPÊLO, MANOEL. t-Linearization for the maximum diversity problem. OPTIMIZATION LETTERS, v. 15, p. 2879-2895, 2021.
- 65-CUNHA, JESUS OSSIAN; KRAMER, Hugo H. ; MELO, R. A. . On the computational complexity of uncapacitated multi-plant lot-sizing problems. OPTIMIZATION LETTERS, v. 15, p. 803-812, 2021.
- 66-DE SANTANA, CAROLINA O.; SPEALMAN, PIETER; MELO, VANIA; GRESHAM, DAVID; DE JESUS, TAISE; OLIVEIRA, EDDY; CHINALIA, FABIO ALEXANDRE. Large-scale differences in diversity and functional adaptations of prokaryotic communities from conserved and anthropogenically impacted mangrove sediments in a tropical estuary. PEER J, v. 9, p. e12229-28, 2021.
- 67-DE PAIVA, JOSÉ RÉGIS; SOUZA, ANA SHEILA DE QUEIROZ; PEREIRA, RITA DE CÁSSIA ALVES; RIBEIRO, PAULO RICELI VASCONCELOS; ALVES FILHO, ELENILSON GODOY; E SILVA, LORENA MARA ALEXANDRE; ZOCCOLO, GUILHERME JULIÃO; DE BRITO, EDY SOUSA; ALVES, DANIELA RIBEIRO; DE MORAIS, SELENE MAIA; TAVARES, JULIETE; PINTO, FRANCISCO DAS CHAGAS LIMA; DE ANDRADE, GEANNE MATOS; Pessoa, Otilia Deusdênia Loiola; CANUTO, KIRLEY MARQUES. Chemical composition and anticholinesterase activity of cultivated

- bulbs from *Hippeastrum elegans*, a potential tropical source of bioactive alkaloids. *PHYTOCHEMISTRY LETTERS*, v. 43, p. 27-34, 2021.
- 68- PONTES, MARCELA DE CASTRO NOGUEIRA DINIZ ; TORRES-RÊGO, MANOELA ; DE AQUINO, ANA KAROLINE SILVA ; DE AQUINO, NAYARA CORIOLANO ; TELES, YANNA CAROLINA FERREIRA ; XIMENES, RAFAEL MATOS ; MONTEIRO, HELENA SERRA AZUL ; SILVEIRA, EDILBERTO ROCHA ; ARAÚJO, RENATA MENDONÇA . *Harpalyce brasiliensis* Benth: A prolific source of bioactive flavonoids with antiaphidic potential. *PHYTOCHEMISTRY LETTERS*, v. 41, p. 158-167, 2021.
- 69- MANNA, L. R. ; REZENDE, C.F.. *Variação Intraespecífica Em Peixes De Riacho Com Ênfase na Ecologia Trófica*. *OECOLOGIA AUSTRALIS*, v. 25, p. 301-322, 2021.
- 70- TERRA, B.F.; MEDEIROS, E.S.F.; BOTERO, J.I.S. ; NOVAES, J.L.C. ; REZENDE, C.F.. *Ecologia De Peixes De Riachos Intermitentes*. *OECOLOGIA AUSTRALIS*, v. 25, p. 605-619, 2021.
- 71- SOARES, B. E. ; NAKAMURA, G. . *Ecologia filogenética de comunidades de peixes de riacho neotropicais*. *OECOLOGIA AUSTRALIS*, v. 25, p. 448, 2021
- 72- OLIVEIRA, EDIPO ; ALVES, CONCEIÇÃO ; FRANÇA, ANTONIA ; Nascimento, Ronaldo ; SASAKI, JOSÉ ; LOIOLA, ADONAY . *ZEÓLITA NaA SINTETIZADA SOBRE FIBRA DE VIDRO COMO ESTRATÉGIA PARA OTIMIZAÇÃO DO ABRANDAMENTO DE ÁGUAS DURAS*. *QUÍMICA NOVA (ONLINE)*, v. x, p. 1-10, 2021.
- 73- JÚNIOR, JOSÉ; OLIVEIRA, JOSÉ ; ALEXANDRE, FRANCISCO ; JUNIOR, ANTONIO . *Coverage of intermolecular forces in organic chemistry textbooks*. *QUÍMICA NOVA (ONLINE)*, v. 00, p. 00-00, 2021.
- 74- ASSIS, R. C. ; SILVA, F. L. F. ; REGES, J.G. ; PESSOA, P. P. ; ALMONDES, K. G. S. ; LOPES, G. S. ; MATOS, W. O. ; MAIA, C. S. C. . *Selenium content and physicochemical characterization of traditional Brazilian coalho cheese*. *REVISTA BRASILEIRA DE CIENCIAS AGRARIAS*, v. 16, p. 1-8, 2021.
- 75- PESSOA, F. S. ; PEREIRA, A. Q. ; ARAÚJO, E. F. . *A (RE)PRODUÇÃO DO ESPAÇO URBANO PELA SEGUNDA RESIDÊNCIA NA ZONA COSTEIRA DO PIAUÍ - BRASIL*. *REVISTA GEONORDESTE*, v. 32, p. 125-142, 2021.
- 76- CORREIA, JULIANA SILVA ; RIBEIRO, RAYANE DE TASSO MOREIRA ; LYRA-LEMOES, ROSÂNGELA PEREIRA ; LOIOLA, MARIA IRACEMA BEZERRA . *Diversidade florística dos afloramentos rochosos da Reserva Biológica de Pedra Talhada, Quebrangulo, Alagoas*. *REVISTA BRASILEIRA DE GEOGRAFIA FÍSICA*, v. 14, p. 743-757, 2021.

- 77-SOUZA, FRANCISCA GRACIELE LEITE SAMPAIO ; SILVA, MARIA ARLENE PESSOA ; LOIOLA, MARIA IRACEMA BEZERRA . Passifloraceae s.s. na Chapada do Araripe, nordeste do Brasil. REVISTA BRASILEIRA DE GEOGRAFIA FÍSICA, v. 14, p. 770-783, 2021.
- 78-REBOUÇAS, NATANAEL COSTA ; AIVY, ARNALDO FERREIRA DA SILVA ; SOUSA, LUANA MATEUS ; ALENCAR, CÍCERO LUANDERSON DA SILVA ; SILVA, ANDRIELI LIMA ; LOIOLA, MARIA IRACEMA BEZERRA . Epífitas vasculares da Serra de Baturité, Ceará, Nordeste do Brasil. REVISTA BRASILEIRA DE GEOGRAFIA FÍSICA, v. 14, p. 1748, 2021.
- 79-TEIXEIRA, THIARA MESSIAS DE ALMEIDA ; OLIVEIRA, VLÁDIA PINTO VIDAL DE ; TEIXEIRA, AMOM CHRYSTIAN DE OLIVEIRA . Fragilidade Ambiental da Bacia Hidrográfica do Rio São João de Tiba, Extremo Sul da Bahia. REVISTA BRASILEIRA DE GEOGRAFIA FÍSICA, v. 14, p. 1941-1956, 2021.
- 80-NOBREGA, DC; SANTANA, GB; OLIVEIRA, JT; MARTINS, IA ; DO NASCIMENTO, RF; MELO, DD; VIDAL, CB. Evaluation of the efficiency of rice husk as a coagulant in the post-treatment of industrial effluent. REVISTA TECNOLOGIA E SOCIEDADE, 2021.
- 81-SOUZA, J. N. ; MATIAS, L.Q. ; BRITO, P. O. B. ; ARRUDA, J. F. . Crescimento inicial e atividades das enzimas antioxidativas em plântulas de girassol suplementadas com *Salvinia auriculata* e submetidas a estresse hídrico. REVISTA VERDE DE AGROECOLOGIA E DESENVOLVIMENTO SUSTENTÁVEL, v. 16, p. 12-23, 2021.
- 82-INTERLANDO, J. CARMELO ; DA NÓBREGA NETO, TRAJANO PIRES ; LOPES NUNES, JOSÉ VALTER ; DANTAS LOPES, JOSÉ OTHON . Lattices from Abelian extensions and error-correcting codes. ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, v. 51, p. 903-920, 2021.
- 83-OLIVEIRA, M. ; ALBANO-MACHADO, F. G. ; PENHA, D. M. ; PINHO, M. M. ; NATALE, W. ; MIRANDA, M. R. A. ; MOURA, C. F. H. ; ALVES, R. E. ; CORREA, M. C. M. . Shade improves growth, photosynthetic performance, production and postharvest quality in red pitahaya (*Hylocereus costaricensis*). SCIENTIA HORTICULTURAE, v. 286, p. 110217, 2021.
- 84-CHAVES, ANDREY; PEETERS, F.M. Tunable effective masses of magneto-excitons in two-dimensional materials. SOLID STATE COMMUNICATIONS, v. 334-335, p. 114371, 2021.
- 85-RIBEIRO, HELEN SILVA ; SANTOS SOARES, ALEXANDRA MARTINS ; JESUS CASTRO BRITO, DANIELLA DE ; A. OLIVEIRA, JOSÉ TADEU ; COSTA-JUNIOR,

- LÍVIO MARTINS. Inhibition of Protease and Egg Hatching of *Haemonchus contortus* by Soybean Seed Exudates. *THE JOURNAL OF PARASITOLOGY*, v. 107, p. 23-28, 2021.
- 86- BARBOSA DE SOUZA, ALISSON; LEAL REGO, PAULO ANTONIO; CARNEIRO, TIAGO; GONÇALVES ROCHA, PAULO HENRIQUE; NEUMAN DE SOUZA, JOSÉ. A context-oriented framework for computation offloading in vehicular edge computing using WAVE and 5G networks. *VEHICULAR COMMUNICATIONS*, v. 32, p. 100389, 2021.
- 87- ANTUNES, J.A. ; DA SILVA, L.E. ; DE FARIA, J.L.B. ; DE TOLEDO, T.A. ; TEIXEIRA, A.M.R. ; RAMOS, R.J. ; FREIRE, P.T.C. ; BENTO, R.R.F. . Study on optical, electrochemical and thermal properties of the Meldrum acid 5-aminomethylene derivative. *VIBRATIONAL SPECTROSCOPY*, v. 112, p. 103188, 2021.
- 88- DE ALMEIDA, ALEXANDRE P. ; MORAES, LEANDRO J.C.L. ; ROJAS, ROMMEL R. ; ROBERTO, IGOR J. ; CARVALHO, VINICIUS TADEU DE ; ÁVILA, R. W. ; FRAZÃO, LUCIANA ; SILVA, ARIANE A.A. ; MENIN, MARCELO ; WERNECK, FERNANDA P. ; HRBEK, Tomas ; FARIAS, I. P. ; GORDO, Marcelo. Phylogenetic relationships of the poorly known treefrog *Boana hobbsi* (Cochran & Goin, 1970) (Anura: Hylidae), systematic implications and remarks on morphological variations and geographic distribution. *ZOOTAXA (ONLINE)*, v. 4933, p. 301-323, 2021.

QUALIS B3

- 1- ARAÚJO, L. R. S. ; WATANABE, PEDRO HENRIQUE ; DR, FERNANDES ; MAIA, I. R. O. ; ES, DA SILVA ; PINHEIRO, R. R. S. ; DE MELO, MCA ; EO, DOS SANTOS ; OWEN, ROBERT W. ; SALLES TREVISAN, MARIA TERESA ; FREITAS, EDNARDO RODRIGUES . Dietary ethanol extract of mango increases antioxidant activity of pork. *ANIMAL JCR*, v. 1, p. 1, 2021.
- 2- NETTO, ANTONIO JOELSON; DE AZEVEDO SILVA, ADERBAL MARCOS; BEZERRA, LEILSON ROCHA; DE BARROS CARVALHO, ARIÁDNE ; DA SILVA AGOSTINI, DEUBER LINCON; VASCONCELOS DE OLIVEIRA, DIEGO LOMONACO; MAZZETTO, SELMA ELAINE; VIANA KOTZEBUE, LLOYD RYAN; RIBEIRO OLIVEIRA, JÉSSICA; OLIVEIRA, RONALDO LOPES; PEREIRA FILHO, JOSÉ MORAIS; DA SILVA, ANDRÉ LEANDRO. Lipid microspheres containing urea for slow release of non-protein N in ruminant diets. *ANIMAL PRODUCTION SCIENCE*, v. 1, p. 1, 2021.
- 3- ALMEIDA, E. I. B. ; CORREA, M. C. M. ; MESQUITA, R. O. ; GALLÃO, M.I. ; DOVALE, J. C. ; SILVA, M. S. ; CAJAZEIRA, J. P. ; QUEIROZ, R. F. Ecophysiology and production of red pitaya under different light conditions. *AUSTRALIAN JOURNAL OF CROP SCIENCE (ONLINE)*, v. 15, p. 1130-1138, 2021.

- 4- PINTO, DAIANE DOS SANTOS ; SILVA, SANDRA DOS SANTOS ; FIGUEIREDO, RAIMUNDO WILANE DE ; MENEZES, FERNANDO LIMA DE ; CASTRO, JANEVANE SILVA DE ; PIMENTA, ANTÔNIA TORRES ÁVILA ; SANTOS, JOÃO EVANGELISTA DE ÁVILA DOS ; NASCIMENTO, RONALDO FERREIRA DO ; GABAN, SOCORRO VANESCA FROTA . Production of healthy mixed vegetable beverage: antioxidant capacity, physicochemical and sensorial properties. CIÊNCIA E TECNOLOGIA DE ALIMENTOS (ONLINE), v. x, p. 1-10, 2021.
- 5- PEREIRA, A. Q.; SILVA, N. J. P. ; ARREORTUA, L. A. S. . Configuración territorial y complejos turísticos en el noreste de Brasil. CIUDAD Y TERRITORIO ESTUDIOS TERRITORIALES, v. 53, p. 481-502, 2021.
- 6- VIEIRA, F.A. ; CAVALCANTE, F. G. ; SANTOS, F.D. ; MARTINS, S. C. S. ; MARTINS, C. M. . Efeito da queimada sobre atividade enzimática extracelular de cepas de actinobactérias isoladas de solo da região semiárida do Ceará. ENCICLOPEDIA BIOSFERA, 2021.
- 7- COELHO, E. O. ; CAVALCANTE, F. G. ; MARTINS, C. M. ; MARTINS, S. C. S. . Atividade lipolítica in vitro de actinobactérias em gradiente de pH, salinidade e temperatura. ENCICLOPEDIA BIOSFERA, 2021.
- 8- SANTOS, VINICIUS S. ; MOURA, BERNARDO R. ; CONSTANTINO, ISABELA C. ; METZKER, GUSTAVO ; BOSCOLO, MAURICIO ; CORNÉLIO, MARINONIO L. ; Ferreira, Odair P. ; MOUNIER, JEAN L.S. ; HAJJOUL, HOUSSAM ; BISINOTI, MÁRCIA C. ; JUNIOR, FRANCISCO H.S. ; MOREIRA, ALTAIR B. . Chelating properties of humic-like substances obtained from process water of hydrothermal carbonization. ENVIRONMENTAL TECHNOLOGY & INNOVATION, v. 23, p. 101688, 2021.
- 9- GOMES, MARIA DA CONCEIÇÃO ; MELO, DANILO ; DA COSTA, MAÍRA ; DOS ANJOS, JOSÉ ÂNGELO ; TRINTA, MICHAEL ; CAVALCANTE, ITABARACI . Ana-lise geoqui-mica das a-guas subterra-neas no municí-pio de Boquira, no semia-rido baiano - Brasil. GEOCHIMICA BRASILIENSIS (Rio de Janeiro), v. 35, p. 7-16, 2021.
- 10- FEITOSA, R.A.. Fotofabulografando O Confinamento: Ciência e Arte na Formação de Professores de Biologia. INTERACCOES, 2021.
- 11- FEITOSA, R.A.; PEREIRA, M. T. J. S. . Proposta de tecelagem artístico-reflexiva na preparação de equipes de Residência Pedagógica no Brasil. INSTRUMENTO - REVISTA EM ESTUDO E PESQUISA EM EDUCAÇÃO, 2021.
- 12- VICTOR BARBOSA MOURA, JOÃO ; AMISON GOMES DE SOUZA, ANTONIO ; TARSO CAVALCANTE FREIRE, PAULO ; LUZ LIMA, CLEANIO ; MIELLE BRITO FERREIRA OLIVEIRA, THIAGO . Blue-light-excited NaCe(MoO₄)₂ microcrystals for

photoelectrochemical water splitting. INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY (ONLINE), v. 18, p. 615-621, 2021.

- 13- CHAINEY, SPENCER P.; MATIAS, JHONATA A. S.; NUNES JUNIOR, FRANCISCO CARLOS F.; COELHO DA SILVA, TICIANA L.; DE MACÊDO, JOSÉ ANTÔNIO F.; MAGALHÃES, REGIS P.; DE QUEIROZ NETO, JOSÉ F.; SILVA, WELLINGTON C. P. Improving the Creation of Hot Spot Policing Patrol Routes: Comparing Cognitive Heuristic Performance to an Automated Spatial Computation Approach. ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, v. 10, p. 560, 2021.
- 14- SILVEIRA, A. G. ; LOPES, M. M. A. ; PEREIRA, E. C. ; CASTRO, G. ; GERMANO, T. A. ; OLIVEIRA, L. S. ; RIBEIRO, P. R. V. ; CANUTO, K. M. ; MIRANDA, M.R.A ; CARVALHO, J. M. . Profile of phenolic compounds and antimicrobial potential of hydroalcoholic extracts from cashew-apple coproducts. JOURNAL OF FOOD AND AGRICULTURE (EJFA), v. 33, p. 138-148, 2021.
- 15- S. SOARES, JOHNNY MARCOS ; BARBOSA, LUCIANO ; LEAL REGO, PAULO ANTONIO ; PIRES MAGALHÃES, REGIS ; F. DE MACÊDO, JOSE ANTÔNIO . Using Inverted Index for Fingerprint Search. JOURNAL OF INFORMATION AND DATA MANAGEMENT - JIDM, v. 12, p. 547-559, 2021.
- 16- SILVA, MARIA DE LOURDES M.; CHAVES, IAGO C.; MACHADO, JAVAM C. Private Reverse Top-k Algorithms Applied on Public Data of COVID-19 in the State of Ceará. JOURNAL OF INFORMATION AND DATA MANAGEMENT - JIDM, v. 12801, p. 456-468, 2021.
- 17- BENTO FILHO, MANUEL E.; DUARTE NETO, EDUARDO; MACHADO, JAVAM C. Privacy-preserving of COVID-19 patients with Differential Privacy. JOURNAL OF INFORMATION AND DATA MANAGEMENT - JIDM, v. 12801, p. 439-454, 2021.
- 18- MACHADO, JAVAM C.; AMORA, PAULO R. P. The Impact of Privacy Regulations on DB Systems. JOURNAL OF INFORMATION AND DATA MANAGEMENT - JIDM, v. 12801, p. 427-438, 2021.
- 19- DOS ANJOS, S. F.; ODA, F. H. ; CAMPIÃO, K. M. ; ÁVILA, R. W. ; DOS SANTOS, J.N.; DOS SANTOS, .N.; ALMEIDA, G. O. ; MELO, F. T.V. ; RODRIGUES, D. J. . A New Species of Cosmocercoides (Ascaridida: Cosmocercidae) Parasitic in Tree Frogs from Southern Amazonia. JOURNAL OF PARASITOLOGY, v. 107, p. 239-245, 2021.
- 20- ARAUJO, AA; MALUF, RV; ALMEIDA, CAS. Reply to comment on 'The relativistic Aharonov-Bohm-Coulomb system with position-dependent mass' JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL – V. 54, p. 028002, 2021.

- 21- NOJOSA, RONALD T.; SODHI, C. S. ; RATHIE, P. N. . Reliability involving generalized gamma, generalized folded logistic distributions and FGM copula.. JOURNAL OF RAMANUJAN SOCIETY OF MATHEMATICS & MATHEMATICAL SCIENCES, v. 8, p. 17-28, 2021.
- 22- Pereira, MS; Vasconcelos, VMR; Palacio, MPS; Oliveira, FGS; Santos, LPM; Vasconcelos, DLM; Freire, PTC; Vasconcelos, IF.Characterization of CoFe₂O₄, NiFe₂O₄, and ZnFe₂O₄ Nanoparticles Synthesized by a Proteic Sol-gel Method. JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, 2021.
- 23- RIBEIRO, A. S. ; ALENCAR, G. ; LANDIM, R. R. Analytical solutions for bosonic fields in the cosmological multiply warped braneworld. MODERN PHYSICS LETTERS A, v. 36, p. 2150110, 2021.
- 24- MONTEIRO AO; CARVALHO JL; DA SILVA, HORLANDO C.; NASCIMENTO, G. O.; SILVA AMA; TREVISAN, MARIA TERESA SALES; SANTIAGO GMP. Bauhinia pulchella: chemical constituents, antioxidant and alpha-glucosidase inhibitory activities. NATURAL PRODUCT RESEARCH, v. 1, p. 1, 2021.
- 25- da COSTA, AP; FONTGALLAND, G; NETO, AG; SOMBRA, ASB; DO VALLE, RRM. Dual-frequency magneto-dielectric resonator antenna based in aYIGmatrix with control ofHEM(11 delta)andTE(01 delta)modes. MICROWAVE AND OPTICAL TECHNOLOGY LETTERS – V.63;p. 310-321, 2021.
- 26- SILVA, MARIA GORETTI DE VASCONCELOS; LIMA, DANIELE RODRIGUES DE ; MONTEIRO, JACKELYNE ALVES ; MAGALHÃES, FRANCISCO ERNANI ALVES . Anxiolytic-like effect of chrysophanol from Senna cana stem in adult zebrafish (Danio rerio). NATURAL PRODUCT RESEARCH, v. 1, p. 1-5, 2021.
- 27- FRANCA, MARIA G. A. ; PESSOA, CLÁUDIA O. ; TREVISAN, MARIA T. S. ; PAIVA, CRISTIANE F. ; LIMA, DANIELE R. ; SOUSA, ANDERSON F. ; OLIVEIRA, FÁTIMA C. E. ; CAVALHEIRO, ALBERTO J. ; SILVA, MARIA G. V. . Chemical composition, in vitro cytotoxic and anticholinesterase activities of flower extracts of Senna spectabilis var. excelsa and Senna macranthera. NATURAL PRODUCT RESEARCH, v. 1, p. 1-5, 2021.
- 28- ROCHA, ANTÔNIO J. ; COSTA, JOSÉ HÉLIO ; PAIVA, ANA LUIZA SOBRAL ; DE OLIVEIRA BARSOTTINI, MARIO RAMOS . Genome-wide analysis of the cupin superfamily in cowpea (Vigna unguiculata). PLANT GENE, v. 25, p. 100265, 2021.
- 29- DUARTE, M. R. N. ; PEREIRA, T. M. ; LIMA, P. F. ; PEREIRA, E. C. B. ; LOPES, F. B. ; REZENDE, CF. . Dinâmica limnológica em reservatório artificial e rio intermitente na região semiárida em função do uso e ocupação do solo. REVISTA CIENCIA AGRONOMICA, v. 52, p. e20207181-e20207181, 2021.

- 30- SILVA, L. M. H. ; RIBEIRO, L. P. D. ; COSTA, B. C. ; SILVA, E. O. ; MIRANDA, M.R.A. Monitoring vitamin C extraction using multivariate calibration models by NIR. REVISTA CIENCIA AGRONOMICA, v. 52, p. e20196949, 2021.
- 31- ARAUJO, L. B. R. ; BARROSO NETO, A. M. ; Bertini C.H.C.M. ; Lopes L.S. ; Gallao, Maria Izabel . Influence of the environment and production components on the protein content of green cowpea grain. Revista CIENCIA AGRONOMICA, v. 52, p. 1-9, 2021.
- 32- SOUZA, FRANCISCO FÁBIO PEREIRA DE; CAVALCANTE, FABIO LIMA; CASTRO-SILVA, IGOR IUCO; SILVA, ANDRÉ LUIS COELHO DA; SOUZA FILHO, MEN DE SÁ MOREIRA DE. Poultry by-products as source of collagen, nanokeratin and bioapatite for biomedical use. Revista CIENCIA AGRONOMICA, v. 52, p. 1-11, 2021.
- 33- SILVA, G. C. ; SILVA, R. B. ; GORAYEB, A. ; BRANNSTROM, CHRISTIAN . Importância do uso de metodologias participativas na tomada de decisões para a implantação de empreendimentos eólicos-energéticos offshore no Brasil.. REDE : REVISTA ELETRÔNICA DO PRODEMA, v. 1, p. 61-70, 2021.
- 34- ARAUJO, E. M. ; MAMEDE, G. L. ; MADEIRO, J. P. V. ; ARAUJO, E. M. . Uso do sensoriamento remoto como estratégia para a análise e gestão do uso dos solos. REVISTA GEAMA (ONLINE), v. 7, p. 23-33, 2021.
- 35- RAMOS, L.M.G. ; BEZERRA, L.R. ; DE OLIVEIRA, J.P.F. ; DE SOUZA, M.P. ; DA SILVA, A.L. ; PEREIRA, E.S. ; MAZZETTO, S.E. ; PEREIRA FILHO, J.M. ; OLIVEIRA, R.L. . Effects of feeding growing-finishing lambs with cashew nut shell liquid on the growth performance, physicochemical attributes, lipid peroxidation and sensorial parameters of burger. SMALL RUMINANT RESEARCH, v. 202, p. 106468-106474, 2021.
- 36- ARAÚJO, KENNEDY A. G.; BONATES, TIBÉRIUS O. ; PRATA, BRUNO A. ; PITOMBEIRA-NETO, ANSELMO R. Heterogeneous prestressed precast beams multiperiod production planning problem: modeling and solution methods. TOP, v. 1, p. 1-24, 2021.
- 37- BLOISE, E. ; DI BELLO, M.P.; CARBONE, L. MAZZETTO, S. E. ; MELE, G. . Anacardic Acid: A Promising Building Block for the Sustainable Preparation of Vesicular Nanosystems. WASTE AND BIOMASS VALORIZATION, v. 12, p. 4367-4374, 2021.
- 38- BARROSO, W.S. ; LEITE, T.A; FEITOSA, V.A. ; DA PENHA, S.S ; FR.EIRE, E.G.; DE SILVA, V.R.C. ; DE SOUZA, B.W.S.; DA SILVA, A.L.C.. Jatropha curcas L. Seed Cake Residue as an Alternative Source for Obtaining Curcumin: A Type 1 Ribosome-Inactivating Protein. WASTE AND BIOMASS VALORIZATION , v. X, p. XX, 2021.

QUALIS B4

- 1- ARAÚJO, L. R. S.; WATANABE, PEDRO HENRIQUE; DR, FERNANDES; MAIA, I. R. O.; ES, DA SILVA ; PINHEIRO, R. R. S.; DE MELO, MCA; EO, DOS SANTOS; OWEN, ROBERT W.; SALLES TREVISAN, MARIA TERESA; FREITAS, EDNARDO RODRIGUES. Dietary ethanol extract of mango increases antioxidant activity of pork. ANIMAL, v. 1, p. 1, 2021.
- 2- LEANDRO, MKDS; MOURA, JVB; FREIRE, PDC; VEGA, ML; LIMA, CD; HIDALGO, AA; DE ARAUJO, ACJ ; FREITAS, PR; PAULO, CLR; DE SOUSA, AK; ROCHA, JE; LEANDRO, LMG; DA SILVA, ROM; CRUZ-MARTINS, N; COUTINHO, HDM. Characterization and Evaluation of Layered Bi₂WO₆ Nanosheets as a New Antibacterial Agent. ANTIBIOTICS-BASEL, 2021.
- 3- FREGOLENTE, LAÍS G. ; DOS SANTOS, JOÃO VITOR ; MAZZATI, FELIPE S. ; MIGUEL, THAIZ B. A. R. ; DE C. MIGUEL, EMÍLIO ; MOREIRA, ALTAIR B. ; Ferreira, Odair P. ; BISINOTI, MÁRCIA C. . Hydrochar from sugarcane industry by-products: assessment of its potential use as a soil conditioner by germination and growth of maize. CHEMICAL AND BIOLOGICAL TECHNOLOGIES IN AGRICULTURE, v. 8, p. 16, 2021.
- 4- FREIRES, E. V. ; SILVA NETO, C. A. ; DUARTE, C. R. ; VERISSIMO, C. U. V. ; GOMES, D. D. M. ; MAIA, A. O. . Diagnóstico da degradação ambiental na vertente úmida do Maciço de Uruburetama/CE e seu entorno. CIÊNCIA E NATURA, v. 43, p. 1-55, 2021.
- 5- NUNES, RODOLFO DE MELO; GIRÃO, VIRGÍNIA CLAUDIA CARNEIRO; CUNHA, PABLYANA LEILA RODRIGUES; FEITOSA, JUDITH PESSOA ANDRADE; PINTO, ANA CAROLINA MATIAS DINELLY; Rocha, Francisco Airton Castro. Decreased Sulfate Content and Zeta Potential Distinguish Glycosaminoglycans of the Extracellular Matrix of Osteoarthritis Cartilage. FRONTIERS IN MEDICINE, v. 8, p. 612370, 2021.
- 6- CAVALCANTI, IAGO DILLION LIMA; XIMENES, RAFAEL MATOS; LOIOLA PESSOA, OTÍLIA DEUSDÊNIA; SANTOS MAGALHÃES, NEREIDE STELA; LIRA-NOGUEIRA, MARIANE CAJUBÁ DE BRITTO. Fucoidan-coated PIBCA nanoparticles containing oncocalyxone A: Activity against metastatic breast cancer cells. JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, v. 65, p. 102698, 2021.
- 7- AGUIAR, V. ; NASCIMENTO, J.P.G. ; GUEDES, I. ; FILHO, R.N. COSTA . London superconductivity approach in a time-dependent background. PHYSICA C- V.580, 1353783, 2021.

- 8- ALVES, V.B. ; ALBUQUERQUE, S.M. ; OLIVEIRA, F.W.S.; FEITOSA, R.A.; PEREIRA, A.C.C.. Propostas metodológicas para desenvolvimento de práticas envolvendo a interface entre história e o ensino de matemática. RESEARCH, SOCIETY AND DEVELOPMENT, v. 10, p. e21910111650-9, 2021.
- 9- GOMES FILHO, ANTONIO ARISTIDES PEREIRA ; PEREIRA, JOÃO ALVES FERREIRA ; MOURA, CARLOS FARLEY HERBSTER ; MIRANDA, MARIA RAQUEL ALCÂNTARA DE . Bioactive content during the development of the acerola cv. BRS 238 (Frutacor). RESEARCH, SOCIETY AND DEVELOPMENT, v. 10, p. e42410212640, 2021.
- 10-SILVA, RAÍ EMANUEL DA; RIBEIRO, FÁBIO DE OLIVEIRA SILVA; ARAÚJO, GISELE SANTOS DE; ILES, BRUNO; Pessoa, Otília Deusdênia Loiola; ARAÚJO, ALYNE RODRIGUES DE; SOARES, MARIA JOSÉ DOS SANTOS. Biological properties of Oncocalyxone A: a review. RESEARCH, SOCIETY AND DEVELOPMENT, v. 10, p. e57810414343-xx, 2021.
- 11-FIDELES, LÁZARO DE SOUSA ; MIRANDA, JOÃO ANTÔNIO LEAL DE ; PIMENTEL, PAULO VITOR DE SOUZA ; RIBEIRO, MARIA ELENIR NOBRE PINHO ; RICARDO, NÁGILA MARIA PONTES SILVA ; ARAÚJO, JOABE LIMA ; ROCHA, JEFFERSON ALMEIDA ; SILVA, MARIA FRANCILENE SOUZA ; CERQUEIRA, GILBERTO SANTOS . Investigação científica e tecnológica do efeito protetor da rutina na mucosite intestinal induzida por 5-fluorouracil. RESEARCH, SOCIETY AND DEVELOPMENT, v. 10, p. e32710615625, 2021.
- 12-SOUZA, B.S.; OLIVEIRA, N.V.M.; MOITA, L.A.; OLIVEIRA, L.E.S.; BRITO, F.C.; SILVA, F.R.P.; FRANÇA, L.F.C.; SOUSA, F.B.M.; PEREIRA, A.C.T.C. ; FERREIRA, G.P. ; MEDEIROS, J-V R. ; FREITAS, C.D.T.; VASCONCELOS, D.F.P.; OLIVEIRA, J.S. Acute and Subchronic Toxicity Assessment of Proteins from Plumeria pudica Latex in Mice. RESEARCH, SOCIETY AND DEVELOPMENT, v. 10, p. e58610616174, 2021.
- 13-FEITOSA, R.A.; PRACIANO, J.B.A.; SILVA, A.K.C.. Relações entre plantas medicinais, saber popular e ciência numa perspectiva decolonial. REVISTA DE ESTUDOS E PESQUISAS SOBRE ENSINO TECNOLÓGICO, v. 7, p. e170821-13, 2021.
- 14-CHAVES, F. L. ; ALEXANDRE, J. W. C. ; Andriola, W. B. ; CAVALCANTE, S. M. A. ; FREITAS, S. M. . RESILIÊNCIA PSICOLÓGICA DE ESTUDANTES UNIVERSITÁRIOS: ESTUDO EM CURSOS DE GRADUAÇÃO. REVISTA EDUCAÇÃO E LINGUAGEM, v. Ano 7 No 2, p. 98-115, 2020.
- 15-ROCHA, G. ; ZANELLA, M. E. . Análise da Vulnerabilidade em Saúde no Estado do Ceará. REVISTA IBERO-AMERICANA DE CIÊNCIAS AMBIENTAIS, v. 12, p. 200, 2021.

QUALIS B5

- 1- FEITOSA, R.A.; SILVA, I. C. . Uma revisão sistemática de literatura acerca dos trabalhos sobre a interface entre ensino e história da matemática. AMAZÔNIA (UFPA), v. 17, p. 293-308, 2021.
- 2- CÂMARA, CARLOS PIFFERO ; RIBEIRO, RAYANE DE TASSO MOREIRA ; LOIOLA, MARIA IRACEMA BEZERRA . Percepção etnobotânica associada à apicultura: espécies vegetais com potencial melífero para o Semiárido Potiguar, região de Caatinga. HOEHNEA
- 3- Ávila, Robson Waldemar; MACHADO, HEITOR TAVARES DE SOUSA ; CAVALCANTE, LEONIDES AZEVEDO ; MORAIS, DRAUSIO HONORIO ; DE OLIVEIRA, CICERO RICARDO . Diet of three sympatric Physalaemus (Anura: Leptodactylidae) from the Brazilian semiarid region. Boletim do Museu Paraense Emílio Goeldi. CIÊNCIAS NATURAIS, v. 16, p. 13-19, 2021.
- 4- da COSTA, A.P. GOMES NETO, G.F.A. SOMBRAM ASB. YIG Matrix Based Multiband Magneto-Dielectric Cylindrical Resonator Antenna. JOURNAL OF MICROWAVES, OPTOELECTRONICS AND ELECTROMAGNETIC APPLICATIONS, vol. 20, série 2, páginas: 348-358, 2021.
- 5- BIANCHINI, B.; COLOMBO, G.; MAGLIARO, M.; MARI, L.; PUCCI, P.; RIGOLI, M. Recent rigidity results for graphs with prescribed mean curvature. MATHEMATICS IN ENGINEERING, 2021.
- 6- DIAS, N.L. CASTRO, G.S.; COELHO, A.A.. Simulação interativa do interferômetro de Michelson usando o GeoGebra REV. BRAS. ENSINO. 43 • 2021 • <https://doi.org/10.1590/1806-9126-RBEF-2021-0205>.
- 7- FEITOSA, R.A.. Uma revisão sistemática sobre investigações narrativas no ensino de ciências nos últimos cinco anos na América Latina (2016-2020). REVISTA DE CIÊNCIAS DO ESTADO (UFMG), v. 6, p. 1-18, 2021.
- 8- JALANE, O. I. ; SILVA, E. V. ; SOPCHAKI, C. H. . Agricultura de subsistência e mudanças climáticas: casos dos distritos de Magude e Moamba (sul de Moçambique). REVISTA DE GEOCIÊNCIAS DO NORDESTE, v. 7, p. 123-130, 2021.
- 9- FEITOSA, R.A. Uma Revisão Sistemática da Literatura Sobre Pesquisas na Interface Ciência e Arte. REVISTA PRÁTICA DOCENTE, v. 6, p. 007-20, 2021.
- 10- PRACIANO, J;B.A. ; RODRIGUES, N.V.F.C.; FEITOSA, R.A. Estágio Supervisionado No Curso De Licenciatura Em Ciências Biológicas: Perspectivas E Reflexões Discentes. REVISTA PRÁTICA DOCENTE, v. 6, p. e064-25, 2021.

QUALIS C

- 1- SILVA, JOSÉ LASSANCE C.; FURTADO, R. S. A. ; SILVA, B. C. H. . The Kidney Transplant Problem: an approach to evolutionary computing. RESEARCH INVENTY: INTERNATIONAL JOURNAL OF ENGINEERING AND SCIENCE, v. 11, p. 01-11, 2021.
- 2- VASCONCELOS, LARRUAMA ; DE SOUZA, MARTHYNA ; DE OLIVEIRA, JULIANA ; SILVA FILHO, EDSON ; SILVA, ANDRÉ ; MAZZETTO, SELMA ELAINE ; PEREIRA, ELZÂNIA SALES ; OLIVEIRA, RONALDO LOPES ; BEZERRA, LEILSON . Elaboration and Characterization of Bioactive Films Obtained from the Incorporation of Cashew Nut Shell Liquid into a Matrix of Sodium Alginate. ANTIOXIDANTS, v. 10, p. 1378, 2021.
- 3- FURTADO, LUCIANA C.; BAUERMEISTER, ANELIZE; DE FELICIO, RAFAEL; ORTEGA, RAQUEL; Pinto, Francisco das Chagas L.; MACHADO-NETO, JOÃO AGOSTINHO; TRIVELLA, DANIELA B. B.; PESSOA, OTILIA D. L.; WILKE, DIEGO V.; LOPES, NORBERTO P.; JIMENEZ, PAULA C.; COSTA-LOTUFO, LETICIA V. Marine Streptomyces sp. Isolated From the Brazilian Endemic Tunicate Euherdmania sp. Produces Dihydroepinomycin and Analogs With Potent Antiglioma Activity. FRONTIERS IN MARINE SCIENCE, v. 8, p. 1-21, 2021.
- 4- NEVES, AAR; MOREIRA, WL; FONTES, A ; EUSER, TG; CESAR, CL. Toward Waveguide-Based Optical Chromatography - FRONTIERS IN PHYSICS - V: 8 - Número do artigo: 603641, 2021.
- 5- SEYBOLD, HJ; EBERHARD, U; SECCHI, E; CISNE, RLC; JIMENEZ-MARTINEZ, J; ANDRADE, RFS; ARAUJO, AD; HOLZNER, M; ANDRADE, JS Localization in Flow of Non-Newtonian Fluids Through Disordered Porous Media. FRONTIERS IN PHYSICS - Volume: 9 - Número do artigo: 635051, 2021.
- 6- DA CUNHA XAVIER, JAYZE; ALMEIDA-NETO, FRANCISCO WAGNER DE QUEIROZ; DA SILVA, PRISCILA TEIXEIRA; DE SOUSA, AMANDA PEREIRA; MARINHO, EMMANUEL SILVA; MARINHO, MÁRCIA MACHADO; ROCHA, JANAINA ESMERALDO; MARINHO, MÁRCIA M.; ALMEIDA-NETO, FRANCISCO WAGNER Q.; MARINHO, EMANUELLE M.; DA SILVA, LEONARDO P.; MENEZES, RAMON R.P.P.B.; DOS SANTOS, RICARDO P.; MARINHO, EMMANUEL S.; DE LIMA-NETO, PEDRO; MARTINS, ALICE M.C. Quantum computational investigations and molecular docking studies on amentoflavone. HELIYON, v. 7, p. e06079, 2021.
- 7- SÁ, S. ; **Alcântara, J.** . An Abstract Argumentation and Logic Programming Comparison Based on 5-Valued Labellings. In: Symbolic and Quantitative Approaches to Reasoning with Uncertainty (ECSQARU 2021), 2021, Praga. Lecture Notes in Computer Science, 2021. v. 12897. p. 159-172.

- 8- ALBUQUERQUE, R. ; **ALCÂNTARA, J.** . A Paraconsistent Approach to Deal with Epistemic Inconsistencies in Argumentation. In: Symbolic and Quantitative Approaches to Reasoning with Uncertainty (ECSQARU 2021), 2021, Praga. Lecture Notes in Computer Science, 2021. v. 12897. p. 187-200.
- 9- SALES, AJM; MELO, BMG; TEIXEIRA, SS; DEVESA, S; OLIVEIRA, RGM; OLIVEIRA, PWS; VASCONCELOS, SJT; GRACA, MPF; COSTA, LC; SOMBRA, ASB - Influence of pyrochlore phase on the dielectric properties of the bismuth niobate system MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS – V. 263 . p.114880, 2021.
- 10- TRUKHANOV, SV; ZUBAR, TI; TURCHENKO, VA, TRUKHANOV, AV; KMJEC, T; KOHOUT, J ; MATZUI, L; YAKOVENKO, O; VINNIK, DA; STARIKOV, AY; ZHIVULIN, VE; SOMBRA, ASB; ZHOU, D ; JOTANIA, RB; SINGH, C TRUKHANOV, AV. Exploration of crystal structure, magnetic and dielectric properties of titanium-barium hexaferrites .MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS - Volume 272, Número do artigo 115345, DOI: 10.1016/j.mseb.2021.115345, 2021.
- 11- DE OLIVEIRA, CHRISTIAN DENNYS MONTEIRO; ALVES, MARIA LÚCIA BASTOS ; BRUSSIO, JOSENILDO CAMPOS ; LANZARINI, RICARDO ; RAMOS, SILVANA PIRILLO ; SILVA, AMANDA PRISCILA SOUZA E. ; COSTA, ANA ANGÉLICA FONSECA ; MENEZES, ITAMARA FREIRES ; ALCANFORADO, ELIDOMAR ; SILVA, IVO LUÍS OLIVEIRA ; DE CASTRO, JÂNIO ROQUE BARROS ; DA SILVA, KAÍSE CANUTO ; BONFIM, LUÍS AMÉRICO SILVA ; ANDRADE, MARISTELA ; DE LIMA, RENATA MAYARA MOREIRA ; ARAÚJO, ROSALMA DINIZ . Reinventing Northeastern Religious Tourism in Brazil during the COVID-19 Pandemic. OPEN JOURNAL OF SOCIAL SCIENCES, v. 09, p. 92-117, 2021.
- 12- DE AVILA, M. A. ; FEITOSA, R.A. ; SANTOS, F. R. .Gê.Nero E Diversidade Sexual Na Educação Ambiental: (Re)Visitando Experiências De Um Pibid Interdisciplinar De Educação Ambiental. REVISTA DIVERSIDADE E EDUCAÇÃO, v. 8, p. 438-466, 2021.
- 13- NASCIMENTO, J. P. G.; AGUIAR, V. ; CORTEZ, D. S. ; GUEDES, I.- Dissipative Dynamics and Uncertainty Measures of a Charged Oscillator in the Presence of the Aharonov-Bohm Effect. REVISTA BRASILEIRA DE ENSINO DE FÍSICA - V43, e20200464, 2021.
- 14- ALENCAR, G.; VIEIRA, H. S. ; BARBOSA BEZERRA, VALDIR ; MUNIZ, C. R. . Ellis Bronnikov Wormholes in Asymptotically Safe Gravity. UNIVERSE, v. 7, p. 238-247, 2021.
- 15- NILTON, M. ; ALENCAR, G. . Schwarzschild-like Wormholes in Asymptotically Safe Gravity. UNIVERSE, v. 7, p. 332, 2021.

SEM QUALIS

- 1- ABREU, L. J. L. L. ; MELO, V. S. ; Gallão, Maria I. Quebra cabeça da respiração celular. Brazilian Journal Development, v. 7, p. 80729-80738, 2021.
- 2- SARAIVA, L. F. M. ; OLIVEIRA, M. I. S. O. C. O. ; LIMA, E. A. ; MENDES, L. L. C. ; CARNEIRO, M. T. A. ; ANDRADE, R. D. L. ; COSTA JH ; MELO, D. F. . Molecular analysis of alternative oxidase and ascorbic acid biosynthesis in two acerola clones (*Malpighia emarginata* DC). Brazilian Journal of Development, v. 7, p. 48548-48569, 2021.
- 3- DA FONSECA, HELOISA HELENA MEDEIROS ; ALEXANDRE, JOÃO WELLIANDRE CARNEIRO ; CAVALCANTE, SUELI MARIA DE ARAÚJO ; ARAÚJO, ANA CLÁUDIA UCHÔA . Um Estudo sobre a avaliação da política pública da interiorização do ensino superior do instituto federal de educação do Ceará: o caso da cidade de Sobral-Ceará / A study on the evaluation of the public policy of interiorization of higher education of the federal institute of Education of Ceará: the case of the city of Sobral-Ceará. Brazilian Journal of Development, v. 7, p. 65137-65158, 2021.
- 4- SILVEIRA, RAISA MARIA ; CARVALHO, ANA FONTENELE URANO ; Bünger, Mariana de Oliveira ; COSTA, ITAYGUARA RIBEIRO DA . DIVERSIDADE DA COMPOSIÇÃO QUÍMICA DOS ÓLEOS ESSENCIAIS DE EUGENIA - MYRTACEAE: UMA REVISÃO / DIVERSITY OF THE CHEMICAL COMPOSITION OF ESSENTIAL OILS OF EUGENIA (MYRTACEAE): A REVIEW. Brazilian Journal of Development, v. 7, p. 33276-33303, 2021.
- 5- CARNEIRO, R. F.; SOUZA, N. O.; CUNHA, D. A.; RODRIGUES, N. S.; RIBEIRO, M. M.; SILVA, P. G. B.; D. Lomonaco; ALENCAR JUNIOR, E. A.; SABOIA, V. P. A. Evaluation of dental biomodification potential of cashew nut shell liquid. Brazilian Journal of Health Review, v. 4, p. 1718-1735, 2021.
- 6- SOUSA, BRUNO CARVALHO DE ; SOBRINHO, PAULO HENRIQUE DA CUNHA ; SILVA, DOMINGOS CAVALCANTE DA ; NOBRE, JUVENCIO SANTOS ; NETTO, FRANCISCO LUIS DA COSTA DE MORAIS ; SILVA, CARLOS JEAN LEITE DA ; GOMES, PALOMA DE OLIVEIRA ; MELO, JULIANA . Avaliação da extrusão de debris gerados pelo retratamento endodôntico utilizando sistemas reciprocantes e limas manuais/ Evaluation of debris extrusion generated by endodontic retreatment using reciprocating Systems and Hand Files. Brazilian Journal of Health Review, v. 4, p. 8877-8889, 2021.
- 7- FRANCA, MARIA G. A. ; CAVALHEIRO, ALBERTO J. ; SILVA, MARIA G. V. . A Comprehensive LC-DAD-QTOF-MS Method for Dereplication of Bioactive Compounds in Senna Extracts. BRAZILIAN JOURNAL OF PHARMACOGNOSY, v. 1, p. 1-8, 2021.

- 8- DE LIMA GONDIM, FLADIMIR ; FERREIRA, RUTH MESQUITA ; NOGUEIRA, TIAGO ROCHA ; SERRA, DANIEL SILVEIRA ; DE SOUSA RIOS, MARIA ALEXANDRA ; PIMENTA, ANTÔNIA TORRES ÁVILA ; CAVALCANTE, FRANCISCO SALES ÁVILA . Effects of Anacardic Acid Monoene on the Respiratory System of Mice Submitted to Acute Respiratory Distress Syndrome. BRAZILIAN JOURNAL OF PHARMACOGNOSY, v. 31, p. 232-238, 2021.
- 9- LIMA, LAÍS R.M.; CAVALCANTE, CLARA M.W.S. A; CARNEIRO, MARIA J.M.; MENDES, JOSILAYNE F. S; SOUSA, NAYARA A.; FREIRE, ROSIMEYRE S.; PINTO, VICENTE P. T; FONTENELLE, RAQUEL O. S; FEITOSA, JUDITH P. A; DE PAULA, REGINA C. M. Thermal responsive poly-N-isopropylacrylamide/galactomannan copolymer nanoparticles as a potential amphotericin delivery carrier. CARBOHYDRATE POLYMER TECHNOLOGIES AND APPLICATIONS, v. 2, p. 100126, 2021.
- 10-COSTA, RUBENS S. ; DE CASTRO, MANUELA O. ; DA SILVA, GABRIELA H. ; DELITE, FABRICIO DE S. ; STRAUSS, MATHIAS ; Ferreira, Odair P. ; MARTINEZ, DIEGO S.T. ; Viana, Bartolomeu C. . Carbon-dots from Babassu coconut (*Orbignya speciosa*) biomass: Synthesis, characterization, and toxicity to *Daphnia magna*. CARBON TRENDS, v. XX, p. 100133, 2021.
- 11-SILVA, I. N. ; MOTA, E. F. . Avaliação somativa da aprendizagem no ensino presencial e remoto. ENSINO EM PERSPECTIVAS, v. 2, p. 1-12, 2021.
- 12-ARRUDA JUNIOR, J. P. V. ; MOTA, E. F. . Mudanças climáticas: o que pensam professores de Ciências em Beberibe/CE?. ENSINO EM PERSPECTIVAS, v. 2, p. 1-12, 2021.
- 13-RÊGO, LEANDRO CHAVES; COSTA, JOÃO PAULO DA SILVA; CARDOSO, GIL CÉLIO DE CASTRO; SANTOS, CRISTIANE VIEIRA DOS. A graph model analysis of the conflict in the irrigated perimeter in Chapada do Apodi-Brazil. ENVIRONMENTAL CHALLENGES, v. 4, p. 100124, 2021.
- 14-DE LACERDA, LUIZ DRUDE ; WARD, RAYMOND D. ; GODOY, MARIO DUARTE PINTO ; DE ANDRADE MEIRELES, ANTÔNIO JEOVAH ; BORGES, REBECCA ; FERREIRA, ALEXANDER CESAR . 20-Years Cumulative Impact From Shrimp Farming on Mangroves of Northeast Brazil. FRONTIERS IN FORESTS AND GLOBAL CHANGE, v. 4, p. 1-17, 2021.
- 15-ALMEIDA, L.B.S.; FIGUEIREDO, E.A.T.; DIAS, F.G.B.; SANTOS, F.M.S.; FERNANDES, B.D.; VICENTE, A.A.; CERQUEIRA, M.A.; SILVA, A.L.C.; VALE, D.A.; SOUZA, B.W.S. Antimicrobial properties of chitosan and galactomannan composite coatings and physical properties of films made thereof. FUTURE FOODS, v. X, p. 100028-xx, 2021.

- 16- DE PAULA, DAVIS P. ; LIMA, JAILSON C. ; BARROS, EDUARDO L. ; SANTOS, JADER DE O. . Coastal Erosion And Tourism: The Case Of The Distribution Of Tourist Accommodations And Their Daily Rates. GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY, v. 14, p. 110-120, 2021.
- 17- ROCHA, G. ; ZANELLA, M. E. . Análise da vulnerabilidade em saúde no Estado do Ceará. REVISTA IBERO-AMERICANA DE CIÊNCIAS AMBIENTAIS, v. 12, p. 200, 2021.
- 18- SILVA, SILVIA HELENY GOMES DA ; OLIVEIRA, CHRISTIAN DENNYS MONTEIRO DE. Estágio à docência no ensino remoto emergencial: Uma geografia comprimida e fluente em tempos de pandemia. GEOPAUTA, v. 5, p. 66-88, 2021.
- 19- LEVIN, PEDRO; RUIZ, MARÍA CAROLINA; ROMO, ADOLFO IGNACIO BARROS; NASCIMENTO, OTACIRO RANGEL; DI VIRGILIO, ANA LAURA; OLIVER, ALLEN GRAYSON; Ayala, Alejandro Pedro; DIOGENES, IZAURA CIRINO NOGUEIRA; LEON, IGNACIO; LEMUS, LUIS A. Water-mediated reduction of [Cu(dmp) (CH CN)]: Implications of the structure of a classical complex on its activity as an anticancer drug. INORGANIC CHEMISTRY FRONTIERS, v. n/a, p. n/a, 2021.
- 20- COELHO, B; ANDRADE, RMC, DARIN, T. Not the Same Everywhere: Comparing the Scope and Definition of User Experience between the Brazilian and International Communities. INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, 2021.
- 21- AMORIM, RENATA MORAIS FERREIRA; OLIVEIRA, MESSIAS VITAL DE; CAVADA, Benildo Sousa; NASCIMENTO, Kyria Santiago; Assreuy, Ana Maria S.; Pires, Alana de Freitas. The Antinociceptive Effect of Lonchocarpus Araripensis Lectin is Mediated by Endocannabinoid Receptors. International Journal Of Scientific Advances, v. 2, p. 587-590, 2021.
- 22- CHAVES, ANDERSON VALÉRIO; FREIRE, RAFAEL MELO; FEITOSA, VICTOR PINHEIRO; RICARDO, NÁGILA MARIA PONTES SILVA; DENARDIN, JULIANO CASAGRANDE; ANDRADE NETO, DAVINO MACHADO; FECHINE, PIERRE BASÍLIO ALMEIDA. Hydroxyapatite-Based Magnetic Bionanocomposite as Pharmaceuticals Carriers in Chitosan Scaffolds. JOURNAL OF COMPOSITES SCIENCE, v. 5, p. 37, 2021.
- 23- MAGNE, TAIS MONTEIRO; DE OLIVEIRA VIEIRA, THAMIRES; ALENCAR, LUCIANA MAGALHÃES REBELO; JUNIOR, FRANCISCO FRANCINÉ MAIA; GEMINI-PIPERNI, SARA ; CARNEIRO, SAMUEL V.; FECHINE, LILLIAN M. U. D.; Freire, Rafael M.; GOLOKHAVAST, KIRILL; METRANGOLO, PIERANGELO; FECHINE, PIERRE B. A.; SANTOS-OLIVEIRA, RALPH. Graphene and its derivatives: understanding the main chemical and medicinal chemistry roles for biomedical applications. JOURNAL OF NANOSTRUCTURE IN CHEMISTRY, v. xx, p. x, 2021.

- 24- CARDENAS-FLECHAS, LJ; FREIRE, PTC; PARIS, EC; MORENO, LC; JOYA, MR .
Temperature-induced structural phase transformation in samples of Co_3O_4 and $\text{Co}_{3-x}\text{Ni}_x\text{O}_4$
for CoO . MATERIALIA, 2021.
- 25-FREITAS, TS, MARQUES, TMF, BARROS, LNLC, DA SILVA, JH, CRUZ, RP,
PEREIRA, RLS, SILVA, ARP, SANTOS, ATL, GHOSH, A, AGRESSOTT, EVH ,
VIANA, BC, COUTINHO, HDM, FREIRE, PTC. Synthesis of Cu-TiNT, characterization,
and antibacterial properties evaluation, MATERIALS TODAY CHEMISTRY – Volume 21,
Article Number 100539, 2021.
- 26- VINNIK, DA; ZHIVULIN, VE; SHERSTYUK, DP;; ZEZYULINA, PA; GUDKOVA, SA;
ZHEREBTSOV, DA ROZANOV, KN; TRUKHANOV, SV; ASTAPOVICH, KA;
TURCHENKO, VA; SOMBRA, ASB; ZHOU, D; JOTANIA, RB; SINGH, C;
TRUKHANOV, AV. Electromagnetic properties of zinc-nickel ferrites in the frequency
range of 0.05-10 GHz. MATERIALS TODAY CHEMISTRY – V. 20 - Número do artigo:
100460, 2021.
- 27- ASSUNÇÃO, LUCAS ; SANTOS, ANDRÉA CYNTHIA ; NORONHA, THIAGO F. ;
ANDRADE, RAFAEL . Improving logic-based Benders' algorithms for solving min-max
regret problems. OPERATIONS RESEARCH AND DECISIONS, v. 31, p. 23-57, 2021.
- 28- SOARES, M.O.; CAMPOS, C.C.; CARNEIRO, P.B.M.; BARROSO, H.S.; MARINS, R.V.;
TEIXEIRA, C.E.P.; MENEZES, M.O.B.; PINHEIRO, L.S.; VIANA, M.B.; FEITOSA, C.V.;
SÁNCHEZ-BOTERO, J.I.; BEZERRA, L.E.A.; ROCHA-BARREIRA, C.A.;
MATTHEWS-CASCON, H.; MATOS, F.O.; GORAYEB, A.; CAVALCANTE, M.S.;
MORO, M.F.; ROSSI, S.; BELMONTE, G.; Melo, V.M.M.; ROSADO, A.S.; RAMIRES,
G.; TAVARES, T.C.L.; GARCIA, T.M. Challenges and perspectives for the Brazilian
semi-arid coast under global environmental changes. PERSPECTIVES IN ECOLOGY
AND CONSERVATION, v. 19, p. 267-278, 2021.
- 29- CAPELARI, É. F. ; ANJOS, L. ; RODRIGUES, N. F. ; SOUSA, R. M. DE J. ; silvera, J. A.
G. ; MARGIS, R. . Transcriptional profiling and physiological responses reveal new insights
into drought tolerance in a semiarid adapted species, *Anacardium occidentale*. PLANT
BIOLOGY, v. 24, p. 1-12, 2021.
- 30- MOONLIGHT, PW; BANDA-R, K, PHILLIPS, OL; DEXTER, KG, PENNINGTON, RT;
BAKER, TR ; DE LIMA, HC ; FAJARDO, L; GONZALEZ-M, R; LINARES-PALOMINO,
R; LLOYD, J; NASCIMENTO, M, PRADO, D; QUINTANA, C; RIINA, R;
RODRIGUEZ, MGM; VILLELA, DM; AQUINO, ACMM; ARROYO, L; BEZERRA, C;
BRUNELLO, AT; BRIENEN, RJW; CARDOSO, D; CHAO, KJ; COUTINHO, IAC etc.
Expanding tropical forest monitoring into Dry Forests: The DRYFLOR protocol for
permanent plots. PLANTS PEOPLE PLANET, 2021.

- 31- XAVIER, L. D. F. ; OLIVEIRA, C.D.M. de . Canções libertárias no ensino: a compreensão do sertão nordestino na geografia escolar. REVISTA DE ENSINO DE GEOGRAFIA (Recife), v. 4, p. 187-196, 2021.
- 32- SOUSA, MARIA CLARA DE ; QUEIROZ, GÉSSICA DA SILVA ; MORAIS, MARIA GABRIELA GOMES DE ; ALBUQUERQUE, LUCAS TAVARES CRUZ DE ; MALHEIRO, DJAILSON RICARDO ; OLIVEIRA, CHRISTIAN DENNYS MONTEIRO DE . Cura pela Fé: As Benzedeiras do Cariri Cearense / Healing by Faith: The Benzedeiras of Cariri Cearense. ID ON LINE. REVISTA DE PSICOLOGIA, v. 15, p. 323-332, 2021.
- 33- FENNER, GERMANO; LIMA, ALBERTO SAMPAIO; MONTEIRO FILHO, JOSÉ MARIA DA SILVA; ROCHA, LINCOLN SOUZA; MOURA, JOSÉ ANTÃO BELTRÃO; DE SOUSA, JOSÉ NEUMAN. Um modelo para suporte ao gerenciamento de qualidade de software com base na dinâmica de sistemas. REVISTA ELETRONICA SISTEMAS & GESTÃO, v. 16, p. 19-33, 2021.
- 34- CHAGAS, F. D. S. ; NOGUEIRA, F. C. ; PARRA, A. L. C. ; Freitas, A. L. P. . PROSPECTIVE STUDY OF PRODUCTS AND PROCESSES BASED ON CARBOHYDRATE HYDROLYSIS. REVISTA INDICAÇÃO GEOGRÁFICA E INOVAÇÃO, v. 5, p. 1323-1332, 2021.
- 35- PAUNGARTTEN, SÂMELLA ; SANTOS, JADER DE OLIVEIRA . Ameaças à dimensão humana da segurança hídrica na cidade fronteiriça de Oiapoque - AP/Amazônia Oriental. Revista Verde Grande: GEOGRAFIA E INTERDISCIPLINARIDADE, v. 3, p. 62-73, 2021.
- 36- NASCIMENTO, M.M. DO ; S. GEORGE ; VERISSIMO, C. U. V. ; SANTOS, J.L. DOS . Gravuras Rupestres em Redutos de Vida: território e paisagem no leito do rio Banabuiú e de seus tributários, no Estado do Ceará. REVISTA DE ARQUEOLOGIA (SOCIEDADE DE ARQUEOLOGIA BRASILEIRA. IMPRESSO), v. 34, p. 1-13, 2021.
- 37- FERREIRA ARAUJO, ADEMIR SERGIO; MACIEL MELO, VANIA MARIA; PRUDÊNCIO DE ARAUJO PEREIRA, ARTHUR; CELIS DE ALMEIDA LOPES, ANGELA; BARBOSA ROCHA, SANDRA MARA; ARAUJO, FABIO FERNANDO; MENDES, LUCAS WILLIAM. Arbuscular mycorrhizal community in soil from different Brazilian Cerrado physiognomies. RHIZOSPHERE, v. 01, p. 100375, 2021.
- 38- SILVA, JD; MENDES, LW; ANTUNES, JEL; MELO, VMM; OLIVEIRA, FAD; LOPES, ACD; DA SILVA, VB; PEREIRA, APD; VALENTE, SES; ARAUJO, ASF. Diversity, structure, and composition of plant growth-promoting bacteria in soil from Brazilian Cerrado, RHIZOSPHERE, 2021.
- 39- DE ANDRADE RAMOS, GISELLE ; SOUZA DE OLIVEIRA, ANDRESSA ; BARTOLINI, MANUELA ; NALDI, MARINA ; LIPARULO, IRENE ; BERGAMINI, CHRISTIAN ; ULIASSI, ELISA ; WU, LING ; FRASER, PAUL E. ; ABREU, MONICA ;

- KIAMETIS, ALESSANDRA SOFIA ; GARGANO, RICARDO ; Silveira, Edilberto Rocha ; BRAND, GUILHERME D. ; PRCHAL, LUKAS ; SOUKUP, OND' EJ ; KORÁBEČ ; BOLOGNESI, MARIA LAURA ; SOARES ROMEIRO, LUIZ ANTONIO . Discovery of sustainable drugs for Alzheimer's disease: cardanol-derived cholinesterase inhibitors with antioxidant and anti-amyloid properties. RSC MEDICINAL CHEMISTRY, v. 12, p. 1154-1163, 2021.
- 40- COSTA JH; AZIZ, S. ; NOCEDA, C. ; ARNHOLDT-SCHMITT, B. . Major Complex Trait for Early De Novo Programming CoV-MAC-TED Detected in Human Nasal Epithelial Cells Infected by Two SARS-CoV-2 Variants Is Promising to Help in Designing Therapeutic Strategies. Vaccines, v. 9, p. 1399, 2021.
- 41- LIMA, A. S. ; FENNER, G. ; ROCHA, L. ; SOUSA, J. N. ; MOURA, J. A. B. ; MONTEIRO, J.M. Um modelo para suporte ao gerenciamento de qualidade de software com base na dinâmica de sistemas. REVISTA ELETRONICA SISTEMAS & GESTÃO, v. 16, p. 19-33, 2021
- 42- DE BASTOS, DANIEL RODRIGUES ; CONCEIÇÃO, MÉRCIA PATRÍCIA FERREIRA ; MICHELLI, ANA PAULA PICARO ; LEITE, JEAN MICHEL ROCHA SAMPAIO ; DA SILVA, RAFAEL ANDRÉ ; CINTRA, RICARDO CESAR ; SANCHEZ, JENIFFER JOHANA DUARTE ; VILANOVA-COSTA, CESAR AUGUSTO SAM TIAGO ; SILVA, ANTONIO MÁRCIO TEODORO CORDEIRO . An In Silico Analysis Identified FZD9 as a Potential Prognostic Biomarker in Triple-Negative Breast Cancer Patients. EUROPEAN JOURNAL OF BREAST HEALTH, v. 17, p. 42-52, 2021.
- 43- Rêgo, Leandro Chaves; KILGOUR, D. M. . Choice Stabilities in the Graph Model for Conflict Resolution. EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, 2021.
- 44- ANDRADE, R. L. ; RÊGO, LEANDRO CHAVES ; SILVA, T. L. C. ; MACEDO, J. A. F. ; SILVA, W. C. P. . Energy Disruptive Centrality with an Application to Criminal Network. COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, v. 99, p. 105834, 2021.
- 45- VINNIK, DA; STARIKOV, AY; ZHIVULIN, VE; ASTAPOVICH, KA; TURCHENKO, VA; ZUBAR, TI;; KOHOUT, J; KMJEC, T; YAKOVENKO, O; MATZUI, L; SOMBRA, ASB; ZHOU, D, JOTANIA, RB; SINGH, C; YANG, YJ; TRUKHANOV, AV. Changes in the Structure, Magnetization, and Resistivity of BaFe_{12-x}Ti_xO₁₉. ACS APPLIED ELECTRONIC MATERIALS , v. 3, 15831593, 2021.
- 46- HAO, SZ; ZHOU, D; DU, C; PANG, LX; SINGH, C; TRUKHANOV, S; TRUKHANOV, A; SOMBRA, ASB; VARGHESE, J; LI, Q; ZHANG, XQ. Temperature-Stable x(Na_{0.5}Bi_{0.5})MoO₄-(1-x)MoO₃ Composite Ceramics with Ultralow Sintering Temperatures and Low Dielectric Loss for Dielectric Resonator Antenna Applications . ACS APPLIED ELECTRONIC MATERIALS - V 3, 2286-2296, 2021.

- 47-CAVALCANTE, T. V.. Geografia, insurgência e pesquisa de um ponto de vista humanista cultural. GEOGRAFICIDADE, v. 11, p. 98-105, 2021.
- 48-OLIVEIRA, T. M.B.F. ; RIBEIRO, F. W.P. ; MORAIS, S. ; DE LIMA-NETO, P. ; CORREIA, A.N. . Removal and sensing of emerging pollutants released from (micro)plastic degradation: Strategies based on boron-doped diamond electrodes. CURRENT OPINION IN ELECTROCHEMISTRY, v. 31, p. 100866, 2021.