

Marcus Vinicius Lia Fook

List of Publications by Year in descending order

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106
docs citations

106
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan-clay nanocomposite as a drug delivery system of ibuprofen. Research, Society and Development, 2022, 11, e25911124684.	0.0	4
2	Evaluation of Al ₂ O ₃ -SiO ₂ -ZrO ₂ -based ceramic compounds synthesized via sol-gel. Research, Society and Development, 2022, 11, e33211225616.	0.0	0
3	Chitosan/vancomycin antibacterial hydrogel for application in knee prostheses. Research, Society and Development, 2022, 11, e25911326646.	0.0	1
4	Síntese e caracterizaçáo da O-Carboximetilquitosana como alternativa ao uso do Ácido Hialurínico. Research, Society and Development, 2022, 11, e5011527634.	0.0	0
5	Modelagem e otimizaçáo experimental na avaliaçáo das interaçóes químicas de misturas quitosana/polivinilpirrolidona. Research, Society and Development, 2022, 11, e26111528063.	0.0	0
6	Hidrogéis de PVA/quitosana funcionalizados com Óleo de melaleuca visando aplicaçáo como curativos. Revista Materia, 2022, 27, .	0.1	1
7	Efeito do tratamento térmico na eletrodeposiçáo de antimônio para produçáo de eletrodos. , 2022, 22, 457-468.		0
8	Influência do beneficiamento de pós cerâmicos na síntese de cimento ósseo de brushita/SrO/quitosana. Research, Society and Development, 2022, 11, e43711730021.	0.0	0
9	On the Curing of ESO/MTHPA/DEH 35 and ESO/MTHPA/DEH 35/TIN. Journal of Polymers and the Environment, 2022, 30, 4014-4022.	2.4	5
10	Synthesis and characterization of Ag-doped 45S5 bioglass and chitosan/45S5-Ag biocomposites for biomedical applications. Journal of Thermal Analysis and Calorimetry, 2021, 145, 39-50.	2.0	13
11	Chitosan-Based Biomaterial, Calcium Hydroxide and Chlorhexidine for Potential Use as Intracanal Medication. Materials, 2021, 14, 488.	1.3	3
12	Development of a 3D polyetheretherketone structure that mimics the cranial bone morphology for use in cranioplasty. Research, Society and Development, 2021, 10, e29810313336.	0.0	0
13	Tubular chitosan device for use as prosthesis coating in vascular surgery. Research, Society and Development, 2021, 10, e25610414031.	0.0	1
14	Chitosan and Aloe vera gel formulations as wound healing agents in episiotomy. Research, Society and Development, 2021, 10, e36310614895.	0.0	2
15	Chitosan and hydroxyapatite scaffolds with amoxicillin for bone repair. Research, Society and Development, 2021, 10, e13410514790.	0.0	1
16	Biocompatible Sulphonated PEEK Spheres: Influence of Processing Conditions on Morphology and Swelling Behavior. Polymers, 2021, 13, 2920.	2.0	2
17	Obtençáo, caracterizaçáo e uso de genipina como agente reticulante de hidrogéis de quitosana. Research, Society and Development, 2021, 10, e183101018711.	0.0	1
18	In vivo Hemostatic Activity of Jatropha mollissima: A Triple-Blinded, Randomized, Controlled Trial in an Animal Model. European Journal of Dentistry, 2021, 15, 741-745.	0.8	2

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19	Surface Bioactivation of Polyether Ether Ketone (PEEK) by Sulfuric Acid and Piranha Solution: Influence of the Modification Route in Capacity for Inducing Cell Growth. <i>Biomolecules</i> , 2021, 11, 1260.	1.8	13
20	Chitosan Woven Meshes: Influence of Threads Configuration on Mechanical, Morphological, and Physiological Properties. <i>Polymers</i> , 2021, 13, 47.	2.0	2
21	Brushite bone cement containing polyethylene glycol for bone regeneration. <i>Bio-Medical Materials and Engineering</i> , 2021, , 1-13.	0.4	1
22	Influência da espessura nas propriedades mecânicas, Ângulo de contato, absorção e perda em Âjgua de membranas derivadas do látex natural. <i>Revista Materia</i> , 2021, 26, .	0.1	0
23	Incorporation of a recycled rubber compound from the shoe industry in polystyrene: Effect of SBS compatibilizer content. <i>Journal of Elastomers and Plastics</i> , 2020, 52, 3-28.	0.7	43
24	Biodegradable polymeric wires: monofilament and multifilament. <i>Materials Research Innovations</i> , 2020, 24, 166-170.	1.0	4
25	Photodegradation of polystyrene/rubber waste blends compatibilized with SBS copolymer. <i>Journal of Elastomers and Plastics</i> , 2020, 52, 356-379.	0.7	4
26	Kinetic investigation of eggshell powders as biobased epoxy catalyzer. <i>Composites Part B: Engineering</i> , 2020, 183, 107651.	5.9	17
27	Chemodiversity and Antibacterial Activity of the Essential Oil of Leaves of <i>Croton argyrophyllus</i> . <i>Chemistry and Biodiversity</i> , 2020, 17, e2000575.	1.0	9
28	Progress in the Development of Chitosan Based Insulin Delivery Systems: A Systematic Literature Review. <i>Polymers</i> , 2020, 12, 2499.	2.0	18
29	Influence of PCL on the epoxy workability, insights from thermal and spectroscopic analyses. <i>Polymer Testing</i> , 2020, 89, 106679.	2.3	10
30	Effect of chitosan and <i>Dysphania ambrosioides</i> on the bone regeneration process: A randomized controlled trial in an animal model. <i>Microscopy Research and Technique</i> , 2020, 83, 1208-1216.	1.2	3
31	Injectable bone substitute based on chitosan with polyethylene glycol polymeric solution and biphasic calcium phosphate microspheres. <i>Carbohydrate Polymers</i> , 2020, 245, 116575.	5.1	20
32	Microbiological and cytotoxic perspectives of active PCL/ZnO film for food packaging. <i>Materials Research Express</i> , 2020, 7, 025312.	0.8	14
33	Desenvolvimento e caracterização de esferas de quitosana/ <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants. <i>Revista Materia</i> , 2020, 25, .	0.1	1
34	Cicatrização da musculatura reto-abdominal em coelhos submetidos à laparotomia com fios de sutura à base de quitosana, catgut cromado e poliglactina 910. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2020, 72, 1742-1750.	0.1	2
35	Thermal, chemical, biological and mechanical properties of chitosan films with powder of eggshell membrane for biomedical applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 725-735.	2.0	20
36	Chitosan/Essential Oils Formulations for Potential Use as Wound Dressing: Physical and Antimicrobial Properties. <i>Materials</i> , 2019, 12, 2223.	1.3	64

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37	N-Acetyl-D-Glucosamine-Loaded Chitosan Filaments Biodegradable and Biocompatible for Use as Absorbable Surgical Suture Materials. <i>Materials</i> , 2019, 12, 1807.	1.3	17
38	Sulfonated poly(ether ether ketone)/hydroxyapatite membrane as biomaterials: process evaluation. <i>Polimeros</i> , 2019, 29, .	0.2	7
39	Optimization of Epoxy Resin: An Investigation of Eggshell as a Synergic Filler. <i>Materials</i> , 2019, 12, 1489.	1.3	17
40	PEEK Physical Surface Modification: Evaluation Of Particles Leaching Process. <i>Materials Research</i> , 2019, 22, .	0.6	2
41	Physicomechanical and thermal analysis of bulk-fill and conventional composites. <i>Brazilian Oral Research</i> , 2019, 33, e008.	0.6	12
42	Sulfonated poly(ether ether ketone)/hydroxyapatite membranes as bone graft materials. <i>Materials Research Innovations</i> , 2019, 23, 270-275.	1.0	2
43	Aplicação de método estatístico no estudo da influência do peróxido de hidrogênio e do borohidreto de sódio na síntese de nanopartículas de prata (AGNPS). <i>Revista Materia</i> , 2019, 24, .	0.1	1
44	Desenvolvimento e caracterização de membranas de quitosana / <i>Cissus Verticillata</i> (L.) Nicolson & C.E. Jarvis. <i>Revista Materia</i> , 2019, 24, .	0.1	2
45	Influência da incorporação da HAp e β -TCP no cimento β -seco wollastonita/brushita. <i>Revista Materia</i> , 2019, 24, .	0.1	1
46	Estudo comparativo entre agentes reticulantes para possível aplicação no tratamento do ceratocone. <i>Revista Materia</i> , 2019, 24, .	0.1	1
47	Síntesis y caracterización de un novedoso biomaterial a base de quitosano modificado con aminoácidos. <i>Revista Materia</i> , 2019, 24, .	0.1	0
48	Synthesis and Preparation of Chitosan/Clay Microspheres: Effect of Process Parameters and Clay Type. <i>Materials</i> , 2018, 11, 2523.	1.3	13
49	Effect of poultry litter biochar on Ultisol physical properties. <i>African Journal of Agricultural Research</i> Vol Pp, 2018, 13, 412-418.	0.2	3
50	PCL/ZnO Bio-friendly Films as Food Packaging Material. Thermal and morphological analysis. <i>Revista Materia</i> , 2018, 23, .	0.1	4
51	Physicomechanical characterization and biological evaluation of bulk-fill composite resin. <i>Brazilian Oral Research</i> , 2018, 32, e107.	0.6	15
52	Role of Surfactants in the Properties of Poly(Ethylene Terephthalate)/Purified Clay Nanocomposites. <i>Materials</i> , 2018, 11, 1397.	1.3	5
53	Thermal, morphological, spectroscopic and biological study of chitosan, hydroxyapatite and wollastonite biocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1521-1530.	2.0	10
54	Inexpensive Apparatus for Fabricating Microspheres for 5-Fluorouracil Controlled Release Systems. <i>International Journal of Chemical Engineering</i> , 2018, 2018, 1-8.	1.4	8

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55	Chitosan/NaF Particles Prepared Via Ionotropic Gelation: Evaluation of Particles Size and Morphology. <i>Materials Research</i> , 2018, 21, .	0.6	15
56	Thermal, structural and spectroscopic properties of silico-aluminous vitreous monoliths doped with neodymium and erbium via sol-gel process. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 725-733.	2.0	3
57	Anabolic Effect of Insulin Therapy on the Bone: Osteoprotegerin and Osteocalcin Up-Regulation in Streptozotocin-Induced Diabetic Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 227-234.	1.2	21
58	Preparation and Characterization of Chitosan Obtained from Shells of Shrimp (<i>Litopenaeus vannamei</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	2.2	238
59	Membranas de polihidroxibutirato com hidroxiapatita para utilizaçãõ como biomaterial. <i>Revista Materia</i> , 2017, 22, .	0.1	0
60	Avaliaçãõ biomecânica e dimensional do fio de sutura à base de quitosana. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 896-900.	0.1	3
61	Modificaçãõ da superfície do poli (éter-éter-cetona). <i>Revista Materia</i> , 2017, 22, .	0.1	2
62	INFLUÊNCIA DO METANOL NA OBTENÇÃO DE ESFERAS DE QUITOSANA POR GELIFICAÇÃO IONOTRÓPICA. <i>Engvista</i> , 2017, 19, 619.	0.1	0
63	Avaliaçãõ de pontas diamantadas sob influência da esterilizaçãõ em autoclave. <i>Archives of Health Investigation</i> , 2017, 6, .	0.0	0
64	Síntese e caracterizaçãõ de arcabouços de quitosana com agente antineoplásicos. <i>Revista Materia</i> , 2016, 21, 129-140.	0.1	4
65	Avaliaçãõ do método de obtençãõ de scaffolds quitosana/curcumina sobre a estrutura, morfologia e propriedades térmicas. <i>Revista Materia</i> , 2016, 21, 560-568.	0.1	3
66	Effect of different carboxylic acids as solvent on chitosan fibers production by wet spinning. <i>Revista Materia</i> , 2016, 21, 525-531.	0.1	8
67	Morphological Evaluation of Chitosan/Curcumin Beads and Powder: Effect of the Methanol as a Solvent. <i>Materials Science Forum</i> , 2016, 869, 854-858.	0.3	1
68	Development and Characterization of Chitosan Membranes as a System for Controlled Release of Piperine. <i>Materials Science Forum</i> , 2016, 869, 864-868.	0.3	1
69	Manufacturing of calcium phosphate scaffolds by pseudomorphic transformation of gypsum. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2016, 55, 105-113.	0.9	2
70	Esferas de quitosana/D. ambrosioides (mastruz) para aplicaçãõ como biomaterial. <i>Revista Brasileira De Odontologia</i> , 2016, 73, 124.	0.0	3
71	Treatment of Post-consumer Vegetable Oils for Biodiesel Production. , 2015, , .		0
72	Protection against T1DM-Induced Bone Loss by Zinc Supplementation: Biomechanical, Histomorphometric, and Molecular Analyses in STZ-Induced Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0125349.	1.1	40

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73	Utiliza��o do filme de quitosana na repara��o de tend��o em coelhos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2014, 66, 995-1002.	0.1	5
74	Avalia��o da bioatividade de ligas de NiTi tratadas a laser para aplica��o odontol��gica. Revista Da Faculdade De Odontologia (Universidade De Passo Fundo), 2014, 19, .	0.2	0
75	Glass Ionomer Cement �� Development and Characterization Microstructural. Materials Science Forum, 2014, 805, 12-18.	0.3	0
76	Biodegradable Chitosan Scaffolds: Effect of Genipin Crosslinking. Materials Science Forum, 2014, 805, 116-121.	0.3	4
77	Sterilization of Chitosan Membranes for Use as Biomaterial. Materials Science Forum, 2014, 805, 35-40.	0.3	1
78	Synthesis and Characterization of Ionic Crosslinked Chitosan Scaffolds. Materials Science Forum, 2014, 805, 26-29.	0.3	0
79	Use of chitosan and ��2-tricalcium phosphate, alone and in combination, for bone healing in rabbits. Journal of Materials Science: Materials in Medicine, 2014, 25, 481-486.	1.7	25
80	Preparation and Characterization of Chitosan-Insulin-Tripolyphosphate Membrane for Controlled Drug Release: Effect of Cross Linking Agent. Journal of Biomaterials and Nanobiotechnology, 2014, 05, 211-219.	1.0	22
81	Hidroxiapatita e quitosana isoladas e associadas � medula �ssea no reparo do tecido �sseo em coelhos. Estudo histol��gico e morfom�trico. Ciencia Rural, 2013, 43, 1265-1270.	0.3	5
82	Morphological Characterization of Chitin Extraction. Journal of Chitin and Chitosan Science, 2013, 1, 157-160.	0.3	3
83	Synthesis and Characterization of Chitosan/Hydroxyapatite Biocomposites Obtained by Reaction of Precipitation. Materials Science Forum, 2012, 727-728, 614-618.	0.3	1
84	Caracteriza��o f�sico-qu�mica e diel�trica de �leos biodegrad�veis para transformadores el�tricos. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 229-234.	0.4	3
85	Avalia��o de diferentes propor��es de fosfato de c�lcio na regenera��o do tecido �sseo de coelhos: estudo cl�nicocir�rgico, radiol��gico e histol��gico. Brazilian Journal of Veterinary Research and Animal Science, 2012, 49, 12.	0.2	5
86	Hydroxyapatite/Biopolymers Composite Scaffolds for Bone Tissue Engineering. Key Engineering Materials, 2011, 493-494, 826-831.	0.4	1
87	Obtaining Tetracalcium Phosphate and Hydroxyapatite in Powder Form by Wet Method. Materials Science Forum, 2010, 660-661, 954-958.	0.3	0
88	Biomimetic apatite formation on Ultra-High Molecular Weight Polyethylene (UHMWPE) using modified biomimetic solution. Journal of Materials Science: Materials in Medicine, 2009, 20, 1215-1222.	1.7	28
89	Comparison of Calcium CPP, HAp and TeCP Phosphates, Obtained by Direct Reaction. Key Engineering Materials, 2008, 396-398, 557-560.	0.4	2
90	Desenvolvimento e caracteriza��o de suportes porosos de polietileno de ultra alto peso molecular (PEUAPM) para utiliza��o como biomaterial para reposi��o e regenera��o �ssea. Polimeros, 2008, 18, 277-280.	0.2	8

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91	Estudo da influência dos íons K ⁺ , Mg ²⁺ , SO ₄ (²⁻) e CO ₃ (²⁻) na cristalização biomimética de fosfato de cálcio amorfo (ACP) e conversão a fosfato octacálcico (OCP). Química Nova, 2007, 30, 892-896.	0.3	9
92	Comparison of crystallinity between natural hydroxyapatite and synthetic cp-Ti /HA coatings. Materials Research, 2005, 8, 207-211.	0.6	22
93	Influência dos íons K ⁺ e Mg ²⁺ na obtenção de apatitas biomiméticas. Ectética Química, 2005, 30, 13-18.	0.2	4
94	Propriedades mecânicas de blendas de PS/resíduo de borracha: influência da concentração, granulometria e método de moldagem. Polimeros, 1997, 7, 45-52.	0.2	12
95	Characterization of the Snail's Carapace Collected at Coast of Brazilian's State of Paraíba. Key Engineering Materials, 0, 396-398, 141-144.	0.4	0
96	Porous Hydroxyapatite Scaffolds by Polymer Sponge Method. Key Engineering Materials, 0, 396-398, 703-706.	0.4	14
97	Analysis of Used Vegetable Oils Treated with Paraíba/Brazil Clays by Kinematic Viscosity. Materials Science Forum, 0, 660-661, 1070-1074.	0.3	0
98	Primary Implant Stability in Calcium Phosphate Cement: Clinical, Radiographic and Histological Analysis. Materials Science Forum, 0, 727-728, 1131-1135.	0.3	1
99	Biocompatibility of Dental Restorative Materials. Materials Science Forum, 0, 805, 19-25.	0.3	5
100	Evaluation of the Terms of Use of Recycled Polymer Packaging Co-Extruded. Materials Science Forum, 0, 805, 41-46.	0.3	0
101	Feasibility Study for Feedstock Recycling on PIM Nd-Fe-B Permanent Magnets. Materials Science Forum, 0, 802, 574-578.	0.3	3
102	Nitinol Alloys - Study of Physical and Chemical Application as Biomaterials. Materials Science Forum, 0, 805, 3-6.	0.3	0
103	Monofilament chitosan base: an alternative to sutures absorbable. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0
104	Bleaching process in chitin extraction and chitosan production. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	1
105	Analysis of efficiency in demineralization process production of chitosan. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0
106	Deacetylation of chitosan optimization in production. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0