

Ricardo Marques e Silva

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

622
citations

758635

12
h-index

610482

24
g-index

42
all docs

42
docs citations

42
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, morphological, and physicochemical properties of acetylated high-, medium-, and low-amylose rice starches. <i>Carbohydrate Polymers</i> , 2014, 103, 405-413.	5.1	170
2	Characteristics of starch isolated from maize as a function of grain storage temperature. <i>Carbohydrate Polymers</i> , 2014, 102, 88-94.	5.1	46
3	Mechanical, Barrier and Morphological Properties of Biodegradable Films Based on Muscle and Waste Proteins from the Whitemouth Croaker (<i>Micropogonias furnieri</i>). <i>Journal of Food Processing and Preservation</i> , 2014, 38, 1973-1981.	0.9	38
4	Effect of alkali and oxidative treatments on the physicochemical, pasting, thermal and morphological properties of corn starch. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 2331-2337.	1.7	36
5	Niobium pentoxide and hydroxyapatite particle loaded electrospun polycaprolactone/gelatin membranes for bone tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110386.	2.5	34
6	New developments in liquid-liquid extraction, surface modification and agglomerate-free processing of inorganic particles. <i>Advances in Colloid and Interface Science</i> , 2018, 261, 15-27.	7.0	28
7	From banana stem to conductive paper: A capacitive electrode and gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 459-467.	4.0	25
8	Effect of the silane concentration on the selected properties of an experimental microfilled composite resin. <i>Applied Adhesion Science</i> , 2015, 3, .	1.5	24
9	Comparing different methods to fix and to dehydrate cells on alginate hydrogel scaffolds using scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2015, 78, 553-561.	1.2	24
10	Pitted keratolysis. <i>Anais Brasileiros De Dermatologia</i> , 2016, 91, 106-108.	0.5	16
11	Feasible and Clean Solid-Phase Synthesis of LiNbO_3 by Microwave-Induced Combustion and Its Application as Catalyst for Low-Temperature Aniline Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1680-1691.	3.2	15
12	Surface modification and dispersion of ceramic particles using liquid-liquid extraction method for application in supercapacitor electrodes. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3450-3455.	2.8	14
13	Oxidation of terpenic alcohols with hydrogen peroxide promoted by Nb_2O_5 obtained by microwave-assisted hydrothermal method. <i>Molecular Catalysis</i> , 2020, 489, 110941.	1.0	13
14	Antimicrobial activity from polymeric composites-based polydimethylsiloxane/ TiO_2 /GO: evaluation of filler synthesis and surface morphology. <i>Polymer Bulletin</i> , 2017, 74, 2379-2390.	1.7	11
15	Microwave-assisted hydrothermal synthesis and electrochemical characterization of niobium pentoxide/carbon nanotubes composites. <i>Journal of Materials Research</i> , 2019, 34, 592-599.	1.2	11
16	Tunable graphene oxide inter-sheet distance to obtain graphene oxide-silver nanoparticle hybrids. <i>New Journal of Chemistry</i> , 2019, 43, 1285-1290.	1.4	11
17	Radiopaque dental adhesive with addition of niobium pentoxide nanoparticles. <i>Polymer Bulletin</i> , 2018, 75, 2301-2314.	1.7	10
18	Fabrication of electrospun poly(lactic acid) nanoporous membrane loaded with niobium pentoxide nanoparticles as a potential scaffold for biomaterial applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1559-1567.	1.6	10

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19	Starch and flour from defective rice kernels and their physicochemical properties. <i>Starch/Staerke</i> , 2014, 66, 729-737.	1.1	9
20	Scanning electron microscopy of tinea nigra. <i>Anais Brasileiros De Dermatologia</i> , 2014, 89, 334-336.	0.5	7
21	Renewable supercapacitors based on cellulose/carbon nanotubes/[Bmim] [NTf2] ionic liquid. <i>MRS Communications</i> , 2019, 9, 726-729.	0.8	6
22	Application of Al ₂ O ₃ /AlNbO ₄ in the oxidation of aniline to azoxybenzene. <i>Chemical Papers</i> , 2020, 74, 543-553.	1.0	6
23	Clinical variability in dystrophic epidermolysis bullosa and findings with scanning electron microscopy. <i>Anais Brasileiros De Dermatologia</i> , 2012, 87, 127-130.	0.5	6
24	Trichomycosis capitis: first report of this localization and ultrastructural aspects. <i>European Journal of Dermatology</i> , 2011, 21, 823-824.	0.3	6
25	Scanning electron microscopy of lichen sclerosus. <i>Anais Brasileiros De Dermatologia</i> , 2013, 88, 247-249.	0.5	5
26	Scanning electron microscopy of the collodion membrane from a self-healing collodion baby. <i>Anais Brasileiros De Dermatologia</i> , 2015, 90, 581-584.	0.5	5
27	Statistical Approach to Analyze the Warpage, Shrinkage and Mechanical Strength of Injection Molded Parts. <i>International Polymer Processing</i> , 2016, 31, 376-384.	0.3	5
28	Pili canaliculi as manifestation of giant axonal neuropathy. <i>Anais Brasileiros De Dermatologia</i> , 2016, 91, 125-127.	0.5	4
29	Macular amyloidosis: a case report with scanning electron microscopy. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 889-890.	1.3	4
30	Phase transfer of oxide particles using hydroxamic acid derivatives and application for supercapacitors. <i>Ceramics International</i> , 2019, 45, 2498-2503.	2.3	4
31	Effects of niobium pentoxide nanoparticles on the tribological properties of electrodeposited ZnNi coatings. <i>Surface Topography: Metrology and Properties</i> , 2022, 10, 024003.	0.9	4
32	Flexible composite via rapid titania coating by microwave-assisted hydrothermal synthesis. <i>Bulletin of Materials Science</i> , 2017, 40, 499-504.	0.8	3
33	Flexible cellulose-carbon nanotube paper substrate decorated with PZT: sensor properties. <i>MRS Advances</i> , 2018, 3, 31-36.	0.5	3
34	Scanning electron microscopy of acantholysis in pemphigus foliaceus. <i>Anais Brasileiros De Dermatologia</i> , 2013, 88, 456-458.	0.5	2
35	Scanning electron microscopy of superficial white onychomycosis. <i>Anais Brasileiros De Dermatologia</i> , 2015, 90, 753-755.	0.5	2
36	Effects of Protein Concentration, Plasticiser, and pH on the Properties of Protein Films from Whitemouth Croaker (<i>Micropogonias furnieri</i>) Residues. <i>Journal of Aquatic Food Product Technology</i> , 2016, 25, 507-517.	0.6	2

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37	Comparative scanning electron microscopy of bullous diseases. Anais Brasileiros De Dermatologia, 2014, 89, 347-350.	0.5	1
38	Nano and Micro Ceramic Membranes from Degradable Templates. Materials Research, 2016, 19, 1017-1025.	0.6	1
39	Scanning electron microscopy of a blister roof in dystrophic epidermolysis bullosa. Anais Brasileiros De Dermatologia, 2013, 88, 966-968.	0.5	1
40	Three-dimensional aspects of superficial disseminated porokeratosis with scanning electron microscopy. Anais Brasileiros De Dermatologia, 2014, 89, 988-991.	0.5	0
41	Rare earth-doped lead titanate zirconate grown on carbon fibers by microwave-assisted hydrothermal synthesis. Journal of Composite Materials, 2019, 53, 373-382.	1.2	0
42	Reforço em compósito de cimento portland através da adição nanotubos de carbono de paredes múltiplas. Tecnológica, 2016, 20, 139.	0.1	0