

Elton Bonafe

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

775
citations

567281

15
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	New magnetic chitosan/alginate/Fe ₃ O ₄ @SiO ₂ hydrogel composites applied for removal of Pb(II) ions from aqueous systems. <i>Chemical Engineering Journal</i> , 2018, 337, 595-608.	12.7	118
2	Scaffolds based on chitosan/pectin thermosensitive hydrogels containing gold nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 1186-1194.	7.5	73
3	Preparation and cytotoxicity of N-modified chitosan nanoparticles applied in curcumin delivery. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 237-245.	7.5	63
4	Proximate Composition, Mineral Contents and Fatty Acid Composition of the Different Parts and Dried Peels of Tropical Fruits Cultivated in Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	51
5	Properties of a commercial Î-carrageenan food ingredient and its durable superabsorbent hydrogels. <i>Carbohydrate Research</i> , 2020, 487, 107883.	2.3	49
6	Polyelectrolyte complexes based on alginate/tanfloc: Optimization, characterization and medical application. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 129-138.	7.5	46
7	Bactericidal activity of hydrogel beads based on N,N,N-trimethyl chitosan/alginate complexes loaded with silver nanoparticles. <i>Chinese Chemical Letters</i> , 2015, 26, 1129-1132.	9.0	41
8	Chitosan content modulates durability and structural homogeneity of chitosan-gellan gum assemblies. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 114-123.	7.5	37
9	Pectin-capped gold nanoparticles synthesis in-situ for producing durable, cytocompatible, and superabsorbent hydrogel composites with chitosan. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 138-149.	7.5	36
10	Polyelectrolyte complex containing silver nanoparticles with antitumor property on Caco-2 colon cancer cells. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 748-755.	7.5	33
11	Polysaccharide-Based Materials Associated with or Coordinated to Gold Nanoparticles: Synthesis and Medical Application. <i>Current Medicinal Chemistry</i> , 2017, 24, 2701-2735.	2.4	33
12	Chemical characterization and use of artichoke parts for protection from oxidative stress in canola oil. <i>LWT - Food Science and Technology</i> , 2015, 61, 346-351.	5.2	25
13	Sensorial and fatty acid profile of ice cream manufactured with milk of crossbred cows fed palm oil and coconut fat. <i>Journal of Dairy Science</i> , 2014, 97, 6745-6753.	3.4	22
14	Purified glycerol is produced from the frying oil transesterification by combining a pre-purification strategy performed with condensed tannin polymer derivative followed by ionic exchange. <i>Fuel Processing Technology</i> , 2019, 187, 73-83.	7.2	18
15	The impact of dietary sugarcane addition to finishing diets on performance, apparent digestibility, and fatty acid composition of Holstein Å— Zebu bulls ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2641-2653.	0.5	15
16	Ultra-high-performance liquid chromatography supports a new reaction mechanism between free radicals and ferulic acid with antimicrobial and antioxidant activities. <i>Industrial Crops and Products</i> , 2020, 154, 112701.	5.2	15
17	Removal of Cu(II) from aqueous solutions imparted by a pectin-based film: Cytocompatibility, antimicrobial, kinetic, and equilibrium studies. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 77-89.	7.5	15
18	Electrospinning-electrospraying of poly(acid lactic) solutions in binary chloroform/formic acid and chloroform/acetic acid mixtures. <i>Journal of Molecular Liquids</i> , 2020, 320, 114448.	4.9	14

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19	SPR platform based on image acquisition for HER2 antigen detection. <i>Nanotechnology</i> , 2017, 28, 045206.	2.6	13
20	Quantification of essential fatty acids in the heads of Nile tilapia (<i>Oreochromis niloticus</i>) fed with linseed oil. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 643-647.	0.6	12
21	Natural carbohydrate-based thermosensitive chitosan/pectin adsorbent for removal of Pb(II) from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1813-1822.	7.5	11
22	Antioxidant Capacity, Total Phenolic Content, Fatty Acids and Correlation by Principal Component Analysis of Exotic and Native Fruits from Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	9
23	Composite filter with antimicrobial and anti-adhesive properties based on electrospun poly(butylene Tj ETQq1 1 0.784314 rgBT /Over Journal of Membrane Science, 2022, 650, 120426.	8.2	9
24	Incorporation of conjugated fatty acids into Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3469-3475.	3.5	6
25	A Simple, Fast and Efficient Method for Transesterification of Fatty Acids in Foods Assisted by Ultrasound Energy. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	4
26	Quantification of EPA and DHA in seafood of the south coast of Brazil. <i>Nutrition and Food Science</i> , 2011, 41, 401-411.	0.9	3
27	Efficiencies of Acid and Base-Catalyzed Methylation of Vegetable Oils by Ambient Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	1
28	Sensitivity of phenolic compounds evaluated by a new approach of analytical methods. <i>Chemical Papers</i> , 2021, 75, 4849.	2.2	0
29	Glycerin and cashew and castor oils inclusion in the diets of Purunã bulls finished in feedlot on fatty acid percentage in the Longissimus dorsi. <i>Research, Society and Development</i> , 2021, 10, e66101319844.	0.1	0
30	Effects of Different Numbers of Fungicide Application on the Proximate Composition of Soybean. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0