

Carlucio Roberto Alves

List of Publications by Year in descending order

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858243

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48
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and controlled release of pequi oil microcapsules for yogurt application. <i>LWT - Food Science and Technology</i> , 2022, 157, 113105.	2.5	12
2	Methods of Microencapsulation of Vegetable Oil: Principles, Stability and Applications - A Minireview. <i>Food Technology and Biotechnology</i> , 2022, 60, 308-320.	0.9	3
3	Synthesis and analysis of lactose polyurethanes and their semi-interpenetrating polymer networks. <i>International Journal of Polymer Analysis and Characterization</i> , 2022, 27, 266-276.	0.9	1
4	Electro-synthesized composite of polyaniline and gum Arabic for colorimetric ammonia vapor detection. <i>Research, Society and Development</i> , 2022, 11, e15911931469.	0.0	1
5	Carnauba (<i>Copernicia prunifera</i>) palm tree biomass as adsorbent for Pb(II) and Cd(II) from water medium. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18941-18952.	2.7	15
6	Synthesis and Characterization of Hydrophobically Modified Xylans. <i>Polymers</i> , 2021, 13, 291.	2.0	13
7	Performance of an amperometric immunosensor assembled on carboxymethylated cashew gum for Salmonella detection. <i>Microchemical Journal</i> , 2021, 167, 106268.	2.3	16
8	Preparation and characterization of carboxymethyl cashew gum grafted with immobilized antibody for potential biosensor application. <i>Carbohydrate Polymers</i> , 2020, 228, 115408.	5.1	19
9	Hydrophobic Modification of Cashew Gum with Alkenyl Succinic Anhydride. <i>Polymers</i> , 2020, 12, 514.	2.0	20
10	Preparation of Xylan Esters with the Use of Selected Lewis Acids. <i>ACS Symposium Series</i> , 2020, , 33-42.	0.5	5
11	Therapeutic Potential of Aloe Vera (<i>Aloe Barbadensis</i>): A Brief Review. <i>Revista Virtual De Quimica</i> , 2020, 12, 378-388.	0.1	0
12	Design and Evaluation of Agro-Based Food Packaging Films. <i>ACS Symposium Series</i> , 2020, , 193-204.	0.5	0
13	Preparation of sorbitol-based polyurethanes and their semi-interpenetrating polymer networks. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47602.	1.3	6
14	A Rapid and Specific Biosensor for Salmonella Typhimurium Detection in Milk. <i>Food and Bioprocess Technology</i> , 2018, 11, 748-756.	2.6	51
15	Optimization and characterization of a biosensor assembly for detection of Salmonella Typhimurium. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1321-1330.	1.2	13
16	Preparation of Hydrophobically Modified Cashew Gum Through Reaction with Alkyl Ketene Dimer. <i>ACS Symposium Series</i> , 2018, , 137-146.	0.5	5
17	Metal chloride-catalyzed acetylation of starch: Synthesis and characterization. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 577-589.	0.9	6
18	EFEITO DOS HERBICIDAS IMAZAPIR E IMAZAPIQUE NA COMUNIDADE FITOPLANCTÔNICA EM LAVOURA DE ARROZ IRRIGADO. <i>Iheringia - Serie Botanica</i> , 2018, 73, 298-307.	0.0	2

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19	Novel Polymeric Products Derived from Biodiesel. ACS Symposium Series, 2017, , 207-220.	0.5	2
20	Novel polyurethanes from xylan and TDI: Preparation and characterization. International Journal of Polymer Analysis and Characterization, 2017, 22, 35-42.	0.9	9
21	Electrosynthesis and Characterization of Polypyrrole/Cashew Gum Composite Grown on Gold Surface in Aqueous Medium. International Journal of Electrochemical Science, 2017, , 50-61.	0.5	9
22	Electrochemical immunosensors for Salmonella detection in food. Applied Microbiology and Biotechnology, 2016, 100, 5301-5312.	1.7	38
23	Synthesis of a cardanol-amine derivative using an ionic liquid catalyst. Frontiers of Chemical Science and Engineering, 2016, 10, 425-431.	2.3	3
24	Biosurfactant Production by Pseudomonas aeruginosa and Burkholderia gladioli Isolated from Mangrove Sediments Using Alternative Substrates. Orbital, 2016, 8, .	0.1	1
25	Derivatives of Cardanol through the Ene Reaction with Diethyl Azodicarboxylate. Journal of the Brazilian Chemical Society, 2016, , .	0.6	1
26	Pesticide Degrading Bacteria in Aquatic Environment: Bioprospecting and Evaluation of Biotechnological Potential. Orbital, 2016, 8, .	0.1	0
27	Chemical modification of gum arabic and its application in the encapsulation of <i>Cymbopogon citratus</i> essential oil. Journal of Applied Polymer Science, 2015, 132, .	1.3	18
28	Morphological and Electrochemical Characteristics of Electrosynthesized PPy/CD Composite. Journal of the Brazilian Chemical Society, 2014, , .	0.6	0
29	IMMUNOSENSOR BASED ON INK PRINTED ELECTRODE FOR STAPHYLOCOCCAL ENTEROTOXIN DETECTION. Revista Da Universidade Vale Do Rio Verde, 2014, , .	0.1	0
30	Development of an amperometric immunosensor for detection of staphylococcal enterotoxin type A in cheese. Journal of Microbiological Methods, 2012, 91, 138-143.	0.7	37
31	Antibacterial properties of contact defensive secretions in neotropical Crematogaster ants. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2012, 18, 441-445.	0.8	8
32	A novel xyloglucan film-based biosensor for toxicity assessment of ricin in castor seed meal. Carbohydrate Polymers, 2012, 89, 586-591.	5.1	8
33	Resistance of Klebsiella Pneumoniae clinical isolates: linkage of outer membrane proteins (omps) with production esbls. Brazilian Journal of Microbiology, 2011, 42, 467-469.	0.8	0
34	Biossensor amperométrico para determinação de peróxido de hidrogênio em leite. Ectetica Quimica, 2011, 36, 143-157.	0.2	3
35	Produção de anticorpos policlonais anti-ricina. Ciencia E Agrotecnologia, 2011, 35, 124-130.	1.5	4
36	Practical use of immobilized lysozyme for the remediation process of Escherichia coli in aqueous solution. Electronic Journal of Biotechnology, 2007, 10, 0-0.	1.2	4

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37	Estudo do comportamento eletroquímico do herbicida ametrina utilizando a técnica de voltametria de onda quadrada. <i>Ecletica Química</i> , 2003, 28, 41-47.	0.2	11
38	STM and STS studies of conducting polypyrrole/carboximethyl cellulose composite. <i>Journal of Materials Science Letters</i> , 2002, 21, 679-683.	0.5	1
39	Electrodeposition of Polypyrrole/Carboxymethyl Cellulose on Platinum and Indium Tin Oxide. <i>Polymer Journal</i> , 2001, 33, 255-262.	1.3	8
40	Surface Modification of Ceramic Household Filtration Candles by SiO ₂ Sol-Gel Film Coatings. <i>Key Engineering Materials</i> , 2001, 189-191, 91-96.	0.4	4
41	Electrogeneration of polypyrrole-carboxymethylcellulose composites: electrochemical, microgravimetric and morphological studies. <i>Electrochimica Acta</i> , 1998, 43, 1089-1100.	2.6	24
42	Ultramicroeletrodos. Parte II: construção e aplicações. <i>Química Nova</i> , 1998, 21, 78-85.	0.3	12
43	Electrochemical determination of nitrites in natural waters with ultramicroelectrodes. <i>Electroanalysis</i> , 1996, 8, 1055-1059.	1.5	31
44	Use of Natural Deep Eutectic Solvents for Polymerization and Polymer Reactions. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	9
45	Pequi oil microencapsulation by complex coacervation using gelatin-cashew gum. <i>International Journal of Food Studies</i> , 0, 9, .	0.5	6
46	Effect of time and storage condition on the performance of an electrochemical immunosensor for Salmonella. <i>Food Science and Technology</i> , 0, 42, .	0.8	1
47	BIOSSENSOR AMPEROMÉTRICO PARA DETERMINAÇÃO DE PERÓXIDO DE HIDROGÊNIO EM LEITE. <i>Ecletica Química</i> , 0, 36, 143.	0.2	0