

Jairo Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

537
citations

759055

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h-index

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23
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all docs

30
docs citations

30
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipase-Catalyzed Biodiesel Production from Grease Trap. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 6125-6133.	1.7	3
2	Impact of immobilization strategies on the activity and recyclability of lipases in nanomagnetic supports. <i>Scientific Reports</i> , 2022, 12, 6815.	1.6	20
3	Lateral flow assay applied to pesticides detection: recent trends and progress. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46487-46508.	2.7	15
4	Optimization of lipase production using fungal isolates from oily residues. <i>BMC Biotechnology</i> , 2021, 21, 65.	1.7	11
5	A helpful method for controlled synthesis of monodisperse gold nanoparticles through response surface modeling. <i>Arabian Journal of Chemistry</i> , 2020, 13, 216-226.	2.3	52
6	Worsening of Oxidative Stress, DNA Damage, and Atherosclerotic Lesions in Aged LDLr ^{-/-} Mice after Consumption of Guarana Soft Drinks. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	5
7	Antioxidant, antimicrobial and cytotoxic activities of gold nanoparticles capped with quercetin. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 968-974.	1.2	82
8	Impact of conjugation strategies for targeting of antibodies in gold nanoparticles for ultrasensitive detection of 17 β -estradiol. <i>Scientific Reports</i> , 2019, 9, 13859.	1.6	90
9	Quantification of Inter-particle Spacing Caused by Thiol Self-Assembled Monolayers Using Transmission Electron Microscopy. <i>Plasmonics</i> , 2019, 14, 743-753.	1.8	2
10	The effect of different cementing strategies and adhesive interface aging on microtensile bond strength ($\bar{\mu}$ TBS) of lithium disilicate ceramics to dentin. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1822-1837.	1.4	0
11	Biodiesel Production from Oily Residues Containing High Free Fatty Acids. <i>Waste and Biomass Valorization</i> , 2018, 9, 293-299.	1.8	7
12	Maltodextrin and Gum Arabic-Based Microencapsulation Methods for Anthocyanin Preservation in Juçara Palm (<i>Euterpe edulis Martius</i>) Fruit Pulp. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 209-215.	1.4	32
13	Tracking the effect of binder length on colloidal stability and bioconjugation of gold nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1781-1790.	1.6	1
14	Virola oleifera-capped gold nanoparticles showing radical-scavenging activity and low cytotoxicity. <i>Materials Science and Engineering C</i> , 2018, 91, 853-858.	3.8	9
15	Ultrasound-assisted extraction of <i>Achyrocline satureioides</i> prevents contrast-induced nephropathy in mice. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 368-374.	3.8	17
16	Transesterification of Sanitation Waste for Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2017, 8, 463-471.	1.8	10
17	Probing the Sulfur-Modified Capping Layer of Gold Nanoparticles Using Surface Enhanced Raman Spectroscopy (SERS) Effects. <i>Applied Spectroscopy</i> , 2017, 71, 2670-2680.	1.2	1
18	Biodiesel production from scum of grease traps and sludge from septic tanks. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 1231-1237.	2.1	12

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19	Extracellular biosynthesis of silver nanoparticles using the cell-free filtrate of nematophagous fungus &Duddingtonia flagrans. International Journal of Nanomedicine, 2017, Volume 12, 6373-6381.	3.3	82
20	Facile Synthesis of Monodisperse Gold Nanocrystals Using <i>Viola oleifera</i> . Nanoscale Research Letters, 2016, 11, 465.	3.1	15
21	Virtual Reconstruction and Three-Dimensional Printing of Blood Cells as a Tool in Cell Biology Education. PLoS ONE, 2016, 11, e0161184.	1.1	14
22	Banana Peel for Acetylsalicylic Acid Retention. Journal of Environmental Protection, 2016, 07, 1850-1859.	0.3	3
23	Resin from <i>Viola oleifera</i> Protects Against Radiocontrast-Induced Nephropathy in Mice. PLoS ONE, 2015, 10, e0144329.	1.1	12
24	Surface-Enhanced Raman Plasmon in Self-Assembled Sulfide-Coated Gold Nanoparticle Arrays. Plasmonics, 2015, 10, 1097-1103.	1.8	6
25	Sildenafil Improves Vascular Endothelial Structure and Function in Renovascular Hypertension. Current Pharmaceutical Biotechnology, 2015, 16, 823-831.	0.9	18
26	Comparison between the synthesis of gold nanoparticles with sodium citrate and sodium tetraborate. BMC Proceedings, 2014, 8, .	1.8	6
27	The green synthesis of gold nanoparticle using extract of <i>Viola oleifera</i> . BMC Proceedings, 2014, 8, .	1.8	4
28	Production and characterization of metal nanoparticles for chemical reduction in order to application in biological systems. BMC Proceedings, 2014, 8, .	1.8	0
29	Gold nanoparticles synthesis to application as nano biosensors. BMC Proceedings, 2014, 8, .	1.8	0
30	PHYSICO-CHEMICAL CHARACTERIZATION OF OILY SANITARY WASTE AND OF OILS AND GREASES EXTRACTED FOR CONVERSION INTO BIOFUELS.. Quimica Nova, 2014, 37, .	0.3	8