

Jairo Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

537
citations

759233

12
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of conjugation strategies for targeting of antibodies in gold nanoparticles for ultrasensitive detection of 17 β -estradiol. Scientific Reports, 2019, 9, 13859.	3.3	90
2	Extracellular biosynthesis of silver nanoparticles using the cell-free filtrate of nematophagous fungus Duddingtonia flagrans. International Journal of Nanomedicine, 2017, Volume 12, 6373-6381.	6.7	82
3	Antioxidant, antimicrobial and cytotoxic activities of gold nanoparticles capped with quercetin. Saudi Pharmaceutical Journal, 2019, 27, 968-974.	2.7	82
4	A helpful method for controlled synthesis of monodisperse gold nanoparticles through response surface modeling. Arabian Journal of Chemistry, 2020, 13, 216-226.	4.9	52
5	Maltodextrin and Gum Arabic-Based Microencapsulation Methods for Anthocyanin Preservation in Juçara Palm (<i>Euterpe edulis</i> Martius) Fruit Pulp. Plant Foods for Human Nutrition, 2018, 73, 209-215.	3.2	32
6	Impact of immobilization strategies on the activity and recyclability of lipases in nanomagnetic supports. Scientific Reports, 2022, 12, 6815.	3.3	20
7	Sildenafil Improves Vascular Endothelial Structure and Function in Renovascular Hypertension. Current Pharmaceutical Biotechnology, 2015, 16, 823-831.	1.6	18
8	Ultrasound-assisted extraction of <i>Achyrocline satureioides</i> prevents contrast-induced nephropathy in mice. Ultrasonics Sonochemistry, 2017, 37, 368-374.	8.2	17
9	Facile Synthesis of Monodisperse Gold Nanocrystals Using <i>Viola oleifera</i> . Nanoscale Research Letters, 2016, 11, 465.	5.7	15
10	Lateral flow assay applied to pesticides detection: recent trends and progress. Environmental Science and Pollution Research, 2022, 29, 46487-46508.	5.3	15
11	Virtual Reconstruction and Three-Dimensional Printing of Blood Cells as a Tool in Cell Biology Education. PLoS ONE, 2016, 11, e0161184.	2.5	14
12	Resin from <i>Viola oleifera</i> Protects Against Radiocontrast-Induced Nephropathy in Mice. PLoS ONE, 2015, 10, e0144329.	2.5	12
13	Biodiesel production from scum of grease traps and sludge from septic tanks. Clean Technologies and Environmental Policy, 2017, 19, 1231-1237.	4.1	12
14	Optimization of lipase production using fungal isolates from oily residues. BMC Biotechnology, 2021, 21, 65.	3.3	11
15	Transesterification of Sanitation Waste for Biodiesel Production. Waste and Biomass Valorization, 2017, 8, 463-471.	3.4	10
16	<i>Viola oleifera</i> -capped gold nanoparticles showing radical-scavenging activity and low cytotoxicity. Materials Science and Engineering C, 2018, 91, 853-858.	7.3	9
17	PHYSICO-CHEMICAL CHARACTERIZATION OF OILY SANITARY WASTE AND OF OILS AND GREASES EXTRACTED FOR CONVERSION INTO BIOFUELS.. Quimica Nova, 2014, 37, .	0.3	8
18	Biodiesel Production from Oily Residues Containing High Free Fatty Acids. Waste and Biomass Valorization, 2018, 9, 293-299.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Comparison between the synthesis of gold nanoparticles with sodium citrate and sodium tetraborate. BMC Proceedings, 2014, 8, .	1.6	6
20	Surface-Enhanced Raman Plasmon in Self-Assembled Sulfide-Coated Gold Nanoparticle Arrays. Plasmonics, 2015, 10, 1097-1103.	3.4	6
21	Worsening of Oxidative Stress, DNA Damage, and Atherosclerotic Lesions in Aged LDLr ^{-/-} Mice after Consumption of Guarana Soft Drinks. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	5
22	The green synthesis of gold nanoparticle using extract of <i>Viola oleifera</i> . BMC Proceedings, 2014, 8, .	1.6	4
23	Lipase-Catalyzed Biodiesel Production from Grease Trap. Arabian Journal for Science and Engineering, 2022, 47, 6125-6133.	3.0	3
24	Banana Peel for Acetylsalicylic Acid Retention. Journal of Environmental Protection, 2016, 07, 1850-1859.	0.7	3
25	Quantification of Inter-particle Spacing Caused by Thiol Self-Assembled Monolayers Using Transmission Electron Microscopy. Plasmonics, 2019, 14, 743-753.	3.4	2
26	Probing the Sulfur-Modified Capping Layer of Gold Nanoparticles Using Surface Enhanced Raman Spectroscopy (SERS) Effects. Applied Spectroscopy, 2017, 71, 2670-2680.	2.2	1
27	Tracking the effect of binder length on colloidal stability and bioconjugation of gold nanoparticles. Applied Nanoscience (Switzerland), 2018, 8, 1781-1790.	3.1	1
28	Production and characterization of metal nanoparticles for chemical reduction in order to application in biological systems. BMC Proceedings, 2014, 8, .	1.6	0
29	Gold nanoparticles synthesis to application as nano biosensors. BMC Proceedings, 2014, 8, .	1.6	0
30	The effect of different cementing strategies and adhesive interface aging on microtensile bond strength (μ TBS) of lithium disilicate ceramics to dentin. Journal of Adhesion Science and Technology, 2018, 32, 1822-1837.	2.6	0