

Jorge A Gutierrez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3901512/publications.pdf>

Version: 2024-02-01

14
papers

264
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified reverse micelle method as facile way to obtain several gold nanoparticle morphologies. <i>Journal of Molecular Liquids</i> , 2021, 331, 115709.	4.9	7
2	Is it Necessary for the Use of Fluorinated Compounds to Formulate Reverse Micelles in a Supercritical Fluid? Searching the Best Cosurfactant to Create "Green" AOT Reverse Micelle Media. <i>Langmuir</i> , 2021, 37, 445-453.	3.5	3
3	ZnO and ZnO/CaO nanoparticles in alginate films. Synthesis, mechanical characterization, barrier properties and release kinetics. <i>LWT - Food Science and Technology</i> , 2019, 112, 108217.	5.2	37
4	Vehiculization of noscapine in large unilamellar vesicles. Study of its protective role against lipid peroxidation by electrochemical techniques. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 26-32.	3.8	4
5	Self-assembled Pt screen printed electrodes with a novel peroxidase <i>Panicum maximum</i> and zinc oxide nanoparticles for H ₂ O ₂ detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 18-24.	4.7	16
6	High Antifungal Activity against <i>Candida</i> Species of Monometallic and Bimetallic Nanoparticles Synthesized in Nanoreactors. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 647-653.	5.2	43
7	Electroanalytical determination of catechol by a biosensor based on laccase from <i>Aspergillus oryzae</i> immobilized on gold screen-printed electrodes. <i>Journal of Physics: Conference Series</i> , 2018, 1119, 012009.	0.4	6
8	Antimicrobial activity of a new synthetic peptide loaded in polylactic acid or poly(lactic-co-glycolic) acid nanoparticles against <i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> O157:H7 and methicillin resistant <i>Staphylococcus aureus</i> (MRSA). <i>Nanotechnology</i> , 2017, 28, 135102.	2.6	41
9	Residualidad de fitosanitarios en tomate y uchuva cultivados en Quindío (Colombia). <i>Ciencia Tecnología Agropecuaria</i> , 2017, 18, 571-582.	0.3	4
10	Small gold nanocomposites obtained in reverse micelles as nanoreactors. Effect of surfactant, optical properties and activity against <i>Pseudomonas aeruginosa</i> . <i>New Journal of Chemistry</i> , 2016, 40, 10432-10439.	2.8	9
11	The impact of the polar core size and external organic media composition on micelle-micelle interactions: the effect on gold nanoparticle synthesis. <i>New Journal of Chemistry</i> , 2015, 39, 8887-8895.	2.8	26
12	On the Investigation of the Droplet-Droplet Interactions of Sodium 1,4-Bis(2-Ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2095-2102.	2.0	36
13	C343 behavior in benzene/AOT reverse micelles. The role of the dye solubilization in the non-polar organic pseudophase. <i>Dyes and Pigments</i> , 2012, 95, 290-295.	3.7	6
14	Role of the Medium on the C343 Inter/Intramolecular Hydrogen Bond Interactions. An Absorption, Emission, and ¹ HNMR Investigation of C343 in Benzene/n-Heptane Mixtures. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7326-7330.	2.5	26