

Jorge Luis Cholula-Diaz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

530
citations

933264

10
h-index

887953

17
g-index

26
all docs

26
docs citations

26
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Starch-mediated synthesis of mono- and bimetallic silver/gold nanoparticles as antimicrobial and anticancer agents</p>. International Journal of Nanomedicine, 2019, Volume 14, 2171-2190.	3.3	99
2	Green nanotechnology-based zinc oxide (ZnO) nanomaterials for biomedical applications: a review. JPhys Materials, 2020, 3, 034005.	1.8	76
3	Citric juice-mediated synthesis of tellurium nanoparticles with antimicrobial and anticancer properties. Green Chemistry, 2019, 21, 1982-1998.	4.6	60
4	Synthesis of colloidal silver nanoparticle clusters and their application in ascorbic acid detection by SERS. Colloids and Surfaces B: Biointerfaces, 2018, 163, 329-335.	2.5	45
5	Green nanotechnology-based drug delivery systems for osteogenic disorders. Expert Opinion on Drug Delivery, 2020, 17, 341-356.	2.4	35
6	Emerging theranostic silver and gold nanobiomaterials for breast cancer: Present status and future prospects. , 2021, , 439-456.		35
7	Green nanomedicine: the path to the next generation of nanomaterials for diagnosing brain tumors and therapeutics?. Expert Opinion on Drug Delivery, 2021, 18, 715-736.	2.4	24
8	Nickel-Based Electrocatalysts for Water Electrolysis. Energies, 2022, 15, 1609.	1.6	21
9	<p>Comparison of cytocompatibility and anticancer properties of traditional and green chemistry-synthesized tellurium nanowires</p>. International Journal of Nanomedicine, 2019, Volume 14, 3155-3176.	3.3	16
10	Aloe Vera-Mediated Te Nanostructures: Highly Potent Antibacterial Agents and Moderated Anticancer Effects. Nanomaterials, 2021, 11, 514.	1.9	16
11	Bimetallic Nanoparticles for Biomedical Applications: A Review. , 2020, , 397-434.		14
12	Synthesis of CuInS₂ nanocrystals from a molecular complex â€“ characterization of the orthorhombic domain structure. Dalton Transactions, 2015, 44, 14227-14234.	1.6	10
13	Green synthesis of starch-capped Cu₂O nanocubes and their application in the direct electrochemical detection of glucose. RSC Advances, 2021, 11, 13711-13721.	1.7	10
14	Composition-Dependent Cytotoxic and Antibacterial Activity of Biopolymer-Capped Ag/Au Bimetallic Nanoparticles against Melanoma and Multidrug-Resistant Pathogens. Nanomaterials, 2022, 12, 779.	1.9	10
15	Synthesis and magnetotransport properties of nanocrystalline graphite prepared by aerosol assisted chemical vapor deposition. Carbon, 2014, 67, 10-16.	5.4	7
16	Microstructure of polycrystalline gold nanoparticles and thin-films from a comparative X-ray line profile analysis. Materials Chemistry and Physics, 2021, 258, 123976.	2.0	7
17	Nanobiosensors for theranostic applications. , 2021, , 511-543.		7
18	Green nanotechnology in cardiovascular tissue engineering. , 2022, , 237-281.		7

#	ARTICLE	IF	CITATIONS
19	Conducting behavior of chalcopyrite-type CuGaS ₂ crystals under visible light. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21860-21866.	1.3	6
20	Tellurium, the Forgotten Element: A Review of the Properties, Processes, and Biomedical Applications of the Bulk and Nanoscale Metalloid. , 2020, , 723-783.		6
21	Green synthesis and characterization of gold-based anisotropic nanostructures using bimetallic nanoparticles as seeds. <i>Dalton Transactions</i> , 2021, 50, 16923-16928.	1.6	6
22	Biogenic metal nanomaterials to combat antimicrobial resistance. , 2022, , 261-304.		6
23	The frequency-dependent AC photoresistance behavior of ZnO thin films grown on different sapphire substrates. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23919-23923.	1.3	3
24	Silver Electrodeposition on Nanocrystalline Graphite: Galvanostatic Control As a Tool in the Study Electrodes with High Resistance. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0