

Rui P Oliveira-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

255
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics of silver nanoparticles toxicity in HaCaT cells: structure-activity relationships and role of ionic silver and oxidative stress. <i>Nanotoxicology</i> , 2016, 10, 1105-1117.	3.0	83
2	Magnetic chelating nanoprobe for enrichment and selective recovery of metalloproteases from human saliva. <i>Journal of Materials Chemistry B</i> , 2015, 3, 238-249.	5.8	42
3	Integrated Optical Mach-Zehnder Interferometer Based on Organic-Inorganic Hybrids for Photonics-on-a-Chip Biosensing Applications. <i>Sensors</i> , 2018, 18, 840.	3.8	24
4	Carrageenan-grafted magnetite nanoparticles as recyclable sorbents for dye removal. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	22
5	Toward the definition of a peptidome signature and protease profile in chronic periodontitis. <i>Proteomics - Clinical Applications</i> , 2015, 9, 917-927.	1.6	21
6	Bionanoconjugation for Proteomics applications - An overview. <i>Biotechnology Advances</i> , 2014, 32, 952-970.	11.7	19
7	Monitoring Proteolytic Activity in Real Time: A New World of Opportunities for Biosensors. <i>Trends in Biochemical Sciences</i> , 2020, 45, 604-618.	7.5	13
8	Temperature-responsive nanomagnetic logic gates for cellular hyperthermia. <i>Materials Horizons</i> , 2019, 6, 524-530.	12.2	9
9	Glycoprotein Enrichment Method Using a Selective Magnetic Nano-Probe Platform (MNP) Functionalized with Lectins. <i>Methods in Molecular Biology</i> , 2015, 1243, 83-100.	0.9	8
10	Gold Nanotriangles as Selective Catalysts for Cyclohexanol and Cyclohexanone Production. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2655.	2.5	5
11	Density Gradient Selection of Colloidal Silver Nanotriangles for Assembling Dye-Particle Plasmaphores. <i>Nanomaterials</i> , 2019, 9, 893.	4.1	5
12	Affinity-Based Magnetic Particles for the Purification of Single-Stranded DNA Scaffolds for Biomanufacturing DNA-Origami Nanostructures. <i>ACS Applied Nano Materials</i> , 2021, 4, 14169-14177.	5.0	3
13	Optical properties of metal nanoparticles embedded in amorphous silicon analysed using discrete dipole approximation. , 2018, , .		1