

Pouya Amrollahi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

485
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Nanodisk Huygens Metasurfaces for Portable and Low-Cost Refractive Index and Biomarker Sensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 3983-3991.	5.0	6
2	Circulating Extracellular Vesicles Carrying Sphingolipid Cargo for the Diagnosis and Dynamic Risk Profiling of Alcoholic Hepatitis. <i>Hepatology</i> , 2021, 73, 571-585.	7.3	56
3	Dye-free spectrophotometric measurement of nucleic acid-to-protein ratio for cell-selective extracellular vesicle discrimination. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113058.	10.1	8
4	Nanoplasmonic Sensor Approaches for Sensitive Detection of Disease-Associated Exosomes. <i>ACS Applied Bio Materials</i> , 2021, 4, 6589-6603.	4.6	5
5	Circulating extracellular vesicles are a biomarker for NAFLD resolution and response to weight loss surgery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102430.	3.3	19
6	Using particle composition of fly ash to predict concrete strength and electrical resistivity. <i>Cement and Concrete Composites</i> , 2020, 107, 103493.	10.7	23
7	Nature-inspired chiral metasurfaces for circular polarization detection and full-Stokes polarimetric measurements. <i>Light: Science and Applications</i> , 2019, 8, 78.	16.6	184
8	Using Nanoplasmon-Enhanced Scattering and Low-Magnification Microscope Imaging to Quantify Tumor-Derived Exosomes. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	9
9	Ultra-Sensitive Automated Profiling of EpCAM Expression on Tumor-Derived Extracellular Vesicles. <i>Frontiers in Genetics</i> , 2019, 10, 1273.	2.3	24
10	Fly ash particle characterization for predicting concrete compressive strength. <i>Construction and Building Materials</i> , 2018, 165, 560-571.	7.2	46
11	Bioreactor design for oral and dental tissue engineering. , 2017, , 193-204.		2
12	Bioreactors for heart valve tissue engineering: a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 847-856.	3.2	14
13	Recent advancements in regenerative dentistry: A review. <i>Materials Science and Engineering C</i> , 2016, 69, 1383-1390.	7.3	55
14	Cytotoxicity Evaluation and Magnetic Characteristics of Mechano-thermally Synthesized CuNi Nanoparticles for Hyperthermia. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 1220-1225.	2.5	20
15	Synthesis and Characterization of CuNi Magnetic Nanoparticles by Mechano-Thermal Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 481-485.	1.8	11
16	Synthesis and Characterization of Nano-crystalline Calcium Hexaferrite Particles by Mechano-Thermal Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1353-1356.	1.8	3