Hamide Ehtesabi

List of Publications by Year
in descending order

22 papers	930 citations	686830 13 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	1056 citing authors

#	Article	IF	Citations
1	Enhanced Heavy Oil Recovery in Sandstone Cores Using TiO₂ Nanofluids. Energy & Fuels, 2014, 28, 423-430.	2.5	234
2	Enhanced Heavy Oil Recovery Using TiO₂ Nanoparticles: Investigation of Deposition during Transport in Core Plug. Energy & Fuels, 2015, 29, 1-8.	2.5	133
3	Carbon dots with pH-responsive fluorescence: a review on synthesis and cell biological applications. Mikrochimica Acta, 2020, 187, 150.	2.5	110
4	Carbon dotsâ€"Sodium alginate hydrogel: A novel tetracycline fluorescent sensor and adsorber. Journal of Environmental Chemical Engineering, 2019, 7, 103419.	3.3	62
5	New Insight into the Concept of Carbonization Degree in Synthesis of Carbon Dots to Achieve Facile Smartphone Based Sensing Platform. Scientific Reports, 2017, 7, 11013.	1.6	58
6	Effect of carbonization degree of carbon dots on cytotoxicity and photo-induced toxicity to cells. Heliyon, 2019, 5, e02940.	1.4	51
7	Investigation the cytotoxicity and photo-induced toxicity of carbon dot on yeast cell. Ecotoxicology and Environmental Safety, 2018, 161, 245-250.	2.9	41
8	On-chip analysis of carbon dots effect on yeast replicative lifespan. Analytica Chimica Acta, 2018, 1033, 119-127.	2.6	34
9	Optical Imaging Approaches to Monitor Static and Dynamic Cellâ€onâ€Chip Platforms: A Tutorial Review. Small, 2019, 15, e1900737.	5.2	31
10	Application of carbon nanomaterials in human virus detection. Journal of Science: Advanced Materials and Devices, 2020, 5, 436-450.	1.5	30
11	Improvement of hydrophilicity and cell attachment of polycaprolactone scaffolds using green synthesized carbon dots. Materials Today Sustainability, 2021, 13, 100075.	1.9	28
12	Point-of-care applications of smartphone-based microscopy. Sensors and Actuators A: Physical, 2021, 331, 113048.	2.0	19
13	Smartphone-based fluorometer for pH detection using green synthesized carbon dots. Nano Structures Nano Objects, 2021, 26, 100722.	1.9	15
14	Application of three-dimensional graphene hydrogels for removal of ofloxacin from aqueous solutions. Environmental Nanotechnology, Monitoring and Management, 2019, 12, 100274.	1.7	14
15	Physicochemical and cytotoxicity analysis of green synthesis carbon dots for cell imaging. EXCLI Journal, 2019, 18, 454-466.	0.5	13
16	Molecular interaction between three-dimensional graphene aerogel and enzyme solution: Effect on enzyme structure and function. Journal of Molecular Liquids, 2018, 265, 565-571.	2.3	12
17	Application of functionalized carbon dots in detection, diagnostic, disease treatment, and desalination: a review. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 025017.	0.7	11
18	Smartphone-based portable device for rapid and sensitive pH detection by fluorescent carbon dots. Sensors and Actuators A: Physical, 2021, 332, 113057.	2.0	11

#	Article	IF	Citations
19	Smartphone-based wound dressings: A mini-review. Heliyon, 2022, 8, e09876.	1.4	10
20	Carbon dot-based materials for wound healing applications. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2021, 12, 025006.	0.7	9
21	Fabrication of double-layer alginate/carbon dot nanocomposite hydrogel for potential wound dressing application. Materials Letters, 2022, 325, 132806.	1.3	3
22	Effect of synthesis methods on the acetone sensing behaviour of fluorescent carbon dots. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2021, 12, 025013.	0.7	1