Amin Shiralizadeh Dezfuli

List of Publications by Year
in descending order

36 papers	1,723 citations	304743 22 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	2391 citing authors

#	Article	IF	Citations
1	Hydrophobic@amphiphilic hybrid nanostructure of iron-oxide and graphene quantum dot surfactant as a theranostic platform. OpenNano, 2022, 6, 100037.	4.8	1
2	Organic dots (O-dots) for theranostic applications: preparation and surface engineering. RSC Advances, 2021, 11, 2253-2291.	3.6	10
3	Curcumin loaded on graphene nanosheets induced cell death in mammospheres from MCF-7 and primary breast tumor cells. Biomedical Materials (Bristol), 2021, 16, 045040.	3.3	11
4	Comprehensive review on ultrasound-responsive theranostic nanomaterials: mechanisms, structures and medical applications. Beilstein Journal of Nanotechnology, 2021, 12, 808-862.	2.8	22
5	Nanomaterials modulating stem cell behavior towards cardiovascular cell lineage. Materials Advances, 2021, 2, 2231-2262.	5.4	25
6	Optimal scheduling of the nanoparticle-mediated cancer photo-thermo-radiotherapy. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102061.	2.6	13
7	Europium oxide nanorod-reduced graphene oxide nanocomposites towards supercapacitors. RSC Advances, 2020, 10, 17543-17551.	3.6	20
8	Terbium metalâ€“organic frameworks as capable electrodes for supercapacitors. New Journal of Chemistry, 2020, 44, 11615-11621.	2.8	13
9	Secondary toxic effect of graphene oxide and graphene quantum dots alters the expression of miR-21 and miR-29a in human cell lines. Toxicology in Vitro, 2020, 65, 104796.	2.4	29
10	Nanomaterial integration into the scaffolding materials for nerve tissue engineering: a review. Reviews in the Neurosciences, 2020, 31, 843-872.	2.9	16
11	Environmentally friendly decolorization of textile dye C.I. yellow 28 in water by Bi2â^'x(Lu, Er)xO3 nanoparticles. Journal of Materials Science: Materials in Electronics, 2019, 30, 17170-17180.	2.2	3
12	Controlling Cell Behavior through the Design of Biomaterial Surfaces: A Focus on Surface Modification Techniques. Advanced Materials Interfaces, 2019, 6, 1900572.	3.7	276
13	Study of the supercapacitive activity of a Eu-MOF as an electrode material. New Journal of Chemistry, 2019, 43, 9260-9264.	2.8	17
14	Enhancement of chemoradiation by coâ€incorporation of gold nanoparticles and cisplatin into alginate hydrogel. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2658-2663.	3.4	55
15	Polyaniline/Cu(II) Metal-organic Frameworks Composite for High Performance Supercapacitor Electrode. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1838-1847.	3.7	46
16	A thermo-responsive alginate nanogel platform co-loaded with gold nanoparticles and cisplatin for combined cancer chemo-photothermal therapy. Pharmacological Research, 2019, 143, 178-185.	7.1	118
17	Ultrastructural and optical characteristics of cancer cells treated by a nanotechnology based chemo-photothermal therapy method. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 19-25.	3.8	58
18	High-performance supercapacitor based on reduced graphene oxide decorated with europium oxide nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 3035-3044.	2.2	28

#	Article	IF	Citations
19	Long term determination of dopamine and uric acid in the presence of ascorbic acid using ytterbia/reduced graphene oxide nanocomposite prepared through a sonochemical route. Applied Surface Science, 2018, 427, 496-506.	6.1	29
20	A platform for electrochemical sensing of biomolecules based on Europia/reduced graphene oxide nanocomposite. Journal of Materials Science: Materials in Electronics, 2018, 29, 20639-20649.	2.2	6
21	A high-performance supercapacitor based on N-doped TiO2 nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 14596-14604.	2.2	26
22	Optical assays based on colloidal inorganic nanoparticles. Analyst, The, 2018, 143, 3249-3283.	3.5	58
23	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. Applied Surface Science, 2017, 402, 245-253.	6.1	96
24	Samaria/reduced graphene oxide nanocomposites; sonochemical synthesis and electrochemical evaluation. Journal of Materials Science: Materials in Electronics, 2017, 28, 6176-6185.	2.2	21
25	A ceria NPs decorated graphene nano-composite sensor for sulfadiazine determination in pharmaceutical formulation. Journal of Materials Science: Materials in Electronics, 2017, 28, 16704-16712.	2.2	15
26	Application of Fe3O4/RGO Nanocomposite as a Sorbent of Pesticides. Chromatographia, 2017, 80, 1423-1432.	1.3	10
27	Cerium(III) Ion Sensing Based on Graphene Quantum Dots Fluorescent Turn-Off. Journal of Fluorescence, 2017, 27, 331-338.	2.5	41
28	A novel metronidazole fluorescent nanosensor based on graphene quantum dots embedded silica molecularly imprinted polymer. Biosensors and Bioelectronics, 2017, 92, 618-623.	10.1	152
29	Sonochemical preparation of a ytterbium oxide/reduced graphene oxide nanocomposite for supercapacitors with enhanced capacitive performance. RSC Advances, 2016, 6, 51211-51220.	3.6	77
30	A novel solid-state electrochemiluminescence sensor for detection of cytochrome c based on ceria nanoparticles decoratedÂwith reduced graphene oxide nanocomposite. Analytical and Bioanalytical Chemistry, 2016, 408, 7193-7202.	3.7	49
31	Photocatalytic degradation of furfural in aqueous solution by N-doped titanium dioxide nanoparticles. Environmental Science and Pollution Research, 2016, 23, 21846-21860.	5.3	31
32	Facile sonochemical synthesis and electrochemical investigation of ceria/graphene nanocomposites. Journal of Materials Chemistry B, 2015, 3, 2362-2370.	5.8	75
33	Detection of Aeromonas hydrophila DNA oligonucleotide sequence using a biosensor design based on Ceria nanoparticles decorated reduced graphene oxide and Fast Fourier transform square wave voltammetry. Analytica Chimica Acta, 2015, 895, 80-88.	5.4	61
34	A high performance supercapacitor based on a ceria/graphene nanocomposite synthesized by a facile sonochemical method. RSC Advances, 2015, 5, 46050-46058.	3.6	161
35	Selective recognition of Glutamate based on fluorescence enhancement of graphene quantum dot. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1962-1966.	3.9	26
36	Facile sonochemical synthesis and morphology control of CePO4 nanostructures via an oriented attachment mechanism: Application as luminescent probe for selective sensing of Pb2+ ion in aqueous solution. Materials Science and Engineering C, 2014, 42, 774-781.	7.3	28