

Amin Shiralizadeh Dezfuli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1738471/publications.pdf>

Version: 2024-02-01

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	Controlling Cell Behavior through the Design of Biomaterial Surfaces: A Focus on Surface Modification Techniques. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900572.	3.7	276
2	A high performance supercapacitor based on a ceria/graphene nanocomposite synthesized by a facile sonochemical method. <i>RSC Advances</i> , 2015, 5, 46050-46058.	3.6	161
3	A novel metronidazole fluorescent nanosensor based on graphene quantum dots embedded silica molecularly imprinted polymer. <i>Biosensors and Bioelectronics</i> , 2017, 92, 618-623.	10.1	152
4	A thermo-responsive alginate nanogel platform co-loaded with gold nanoparticles and cisplatin for combined cancer chemo-photothermal therapy. <i>Pharmacological Research</i> , 2019, 143, 178-185.	7.1	118
5	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. <i>Applied Surface Science</i> , 2017, 402, 245-253.	6.1	96
6	Sonochemical preparation of a ytterbium oxide/reduced graphene oxide nanocomposite for supercapacitors with enhanced capacitive performance. <i>RSC Advances</i> , 2016, 6, 51211-51220.	3.6	77
7	Facile sonochemical synthesis and electrochemical investigation of ceria/graphene nanocomposites. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2362-2370.	5.8	75
8	Detection of <i>Aeromonas hydrophila</i> DNA oligonucleotide sequence using a biosensor design based on Ceria nanoparticles decorated reduced graphene oxide and Fast Fourier transform square wave voltammetry. <i>Analytica Chimica Acta</i> , 2015, 895, 80-88.	5.4	61
9	Optical assays based on colloidal inorganic nanoparticles. <i>Analyst</i> , The, 2018, 143, 3249-3283.	3.5	58
10	Ultrastructural and optical characteristics of cancer cells treated by a nanotechnology based chemo-photothermal therapy method. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 192, 19-25.	3.8	58
11	Enhancement of chemoradiation by co-incorporation of gold nanoparticles and cisplatin into alginate hydrogel. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2658-2663.	3.4	55
12	A novel solid-state electrochemiluminescence sensor for detection of cytochrome c based on ceria nanoparticles decorated with reduced graphene oxide nanocomposite. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7193-7202.	3.7	49
13	Polyaniline/Cu(II) Metal-organic Frameworks Composite for High Performance Supercapacitor Electrode. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1838-1847.	3.7	46
14	Cerium(III) Ion Sensing Based on Graphene Quantum Dots Fluorescent Turn-Off. <i>Journal of Fluorescence</i> , 2017, 27, 331-338.	2.5	41
15	Photocatalytic degradation of furfural in aqueous solution by N-doped titanium dioxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21846-21860.	5.3	31
16	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. <i>Applied Surface Science</i> , 2018, 427, 496-506.	6.1	29
17	Secondary toxic effect of graphene oxide and graphene quantum dots alters the expression of miR-21 and miR-29a in human cell lines. <i>Toxicology in Vitro</i> , 2020, 65, 104796.	2.4	29
18	Facile sonochemical synthesis and morphology control of CePO ₄ nanostructures via an oriented attachment mechanism: Application as luminescent probe for selective sensing of Pb ²⁺ ion in aqueous solution. <i>Materials Science and Engineering C</i> , 2014, 42, 774-781.	7.3	28

#	ARTICLE	IF	CITATIONS
19	High-performance supercapacitor based on reduced graphene oxide decorated with europium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3035-3044.	2.2	28
20	Selective recognition of Glutamate based on fluorescence enhancement of graphene quantum dot. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1962-1966.	3.9	26
21	A high-performance supercapacitor based on N-doped TiO ₂ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14596-14604.	2.2	26
22	Nanomaterials modulating stem cell behavior towards cardiovascular cell lineage. <i>Materials Advances</i> , 2021, 2, 2231-2262.	5.4	25
23	Comprehensive review on ultrasound-responsive theranostic nanomaterials: mechanisms, structures and medical applications. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 808-862.	2.8	22
24	Samaria/reduced graphene oxide nanocomposites; sonochemical synthesis and electrochemical evaluation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 6176-6185.	2.2	21
25	Europium oxide nanorod-reduced graphene oxide nanocomposites towards supercapacitors. <i>RSC Advances</i> , 2020, 10, 17543-17551.	3.6	20
26	Study of the supercapacitive activity of a Eu-MOF as an electrode material. <i>New Journal of Chemistry</i> , 2019, 43, 9260-9264.	2.8	17
27	Nanomaterial integration into the scaffolding materials for nerve tissue engineering: a review. <i>Reviews in the Neurosciences</i> , 2020, 31, 843-872.	2.9	16
28	A ceria NPs decorated graphene nano-composite sensor for sulfadiazine determination in pharmaceutical formulation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16704-16712.	2.2	15
29	Optimal scheduling of the nanoparticle-mediated cancer photo-thermo-radiotherapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102061.	2.6	13
30	Terbium metal-organic frameworks as capable electrodes for supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 11615-11621.	2.8	13
31	Curcumin loaded on graphene nanosheets induced cell death in mammospheres from MCF-7 and primary breast tumor cells. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045040.	3.3	11
32	Application of Fe ₃ O ₄ /RGO Nanocomposite as a Sorbent of Pesticides. <i>Chromatographia</i> , 2017, 80, 1423-1432.	1.3	10
33	Organic dots (O-dots) for theranostic applications: preparation and surface engineering. <i>RSC Advances</i> , 2021, 11, 2253-2291.	3.6	10
34	A platform for electrochemical sensing of biomolecules based on Europium/reduced graphene oxide nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20639-20649.	2.2	6
35	Environmentally friendly decolorization of textile dye C.I. yellow 28 in water by Bi ₂ x(Lu, Er)xO ₃ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17170-17180.	2.2	3
36	Hydrophobic@amphiphilic hybrid nanostructure of iron-oxide and graphene quantum dot surfactant as a theranostic platform. <i>OpenNano</i> , 2022, 6, 100037.	4.8	1