

Shadie Hatamie

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,266
citations

430754

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360920

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all docs

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docs citations

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times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape-Mediated Magnetocrystalline Anisotropy and Relaxation Controls by Cobalt Ferrite Core-Shell Heterostructures for Magnetothermal Penetration Delivery (Adv. Mater. Interfaces 12/2022). Advanced Materials Interfaces, 2022, 9, .	1.9	0
2	Surface Modification of Graphene and its Derivatives for Drug Delivery Systems. Mini-Reviews in Organic Chemistry, 2021, 18, 78-92.	0.6	11
3	Fabrication and characterization of cobalt ferrite magnetic hydrogel combined with static magnetic field as a potential bio-composite for bone tissue engineering. Journal of Drug Delivery Science and Technology, 2021, 64, 102525.	1.4	20
4	Effects of Electromagnets on Bovine Corneal Endothelial Cells Treated with Dendrimer Functionalized Magnetic Nanoparticles. Polymers, 2021, 13, 3306.	2.0	1
5	Hyperthermia of breast cancer tumor using graphene oxide-cobalt ferrite magnetic nanoparticles in mice. Journal of Drug Delivery Science and Technology, 2021, 65, 102680.	1.4	20
6	Antibacterial properties of ferrimagnetic and superparamagnetic nanoparticles: a comparative study. Journal of Mechanical Science and Technology, 2021, 35, 815-821.	0.7	11
7	Magnetic nanocomposite's mechanism of action during the hyperthermia treatment of the breast cancer. Applied Nanoscience (Switzerland), 2021, 11, 2739-2746.	1.6	4
8	Stable conductive and biocompatible scaffold development using graphene oxide (GO) doped polyaniline (PANI). International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 896-906.	1.8	12
9	Incorporation of two-dimensional nanomaterials into silk fibroin nanofibers for cardiac tissue engineering. Polymers for Advanced Technologies, 2020, 31, 248-259.	1.6	32
10	Photothermal enhancement in sensitivity of lateral flow assays for detection of E-coli O157:H7. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110721.	2.5	33
11	Synergic Effect of Novel WS ₂ Carriers Holding Spherical Cobalt Ferrite @cubic Fe ₃ O ₄ (WS ₂ /s-CoFe ₂ O ₄ @c-Fe ₃ O ₄) Nanocomposites in Magnetic Resonance Imaging and Photothermal Therapy for Ocular Treatments and Investigation of Corneal Endothelial Cell Migration. Nanomaterials, 2020, 10, 2555.	1.9	8
12	Systems toxicology assessment revealed the impact of graphene-based materials on cell cycle regulators. Journal of Biomedical Materials Research - Part A, 2020, 108, 1520-1533.	2.1	8
13	Hyperthermia response of PEGylated magnetic graphene nanocomposites for heating applications and accelerate antibacterial activity using magnetic fluid hyperthermia. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	17
14	Distribution of molybdenum disulfide/cobalt ferrite nanocomposite in animal model of breast cancer, following injection via differential infusion flow rates. Journal of Pharmaceutical Investigation, 2020, 50, 583-592.	2.7	7
15	Biocompatibility and hyperthermia cancer therapy of casein-coated iron oxide nanoparticles in mice. Polymers for Advanced Technologies, 2020, 31, 1544-1552.	1.6	10
16	The biomedical potential of cellulose acetate/polyurethane nanofibrous mats containing reduced graphene oxide/silver nanocomposites and curcumin: Antimicrobial performance and cutaneous wound healing. International Journal of Biological Macromolecules, 2020, 152, 418-427.	3.6	101
17	Synthesis of iron oxide magnetic nanoparticles coated with dextran of varied molecular mass using a facile ball-milling method. Micro and Nano Letters, 2020, 15, 645-650.	0.6	6
18	Microgravity-Induced Alterations in the H3.3B (H3F3B) Gene Expression and the Histone H3 Structure. Advanced Science, Engineering and Medicine, 2020, 12, 1084-1094.	0.3	0

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19	Magnetolectric nanocomposite scaffold for high yield differentiation of mesenchymal stem cells to neural-like cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 13617-13628.	2.0	37
20	Cellulose Acetate/Magnetic Graphene Nanofiber in Enhanced Human Mesenchymal Stem Cells Osteogenic Differentiation Under Alternative Current Magnetic Field. <i>Spin</i> , 2019, 09, .	0.6	8
21	Antibacterial properties of nanoporous graphene oxide/cobalt metal organic framework. <i>Materials Science and Engineering C</i> , 2019, 104, 109862.	3.8	56
22	Model Fuel Deep Desulfurization Using Modified 3D Graphenic Adsorbents: Isotherm, Kinetic, and Thermodynamic Study. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 10341-10351.	1.8	20
23	Fabrication of graphene-silver/polyurethane nanofibrous scaffolds for cardiac tissue engineering. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2086-2099.	1.6	53
24	Biocompatibility and Hyperthermia Efficiency of Sonochemically Synthesized Magnetic Nanoparticles. <i>Spin</i> , 2019, 09, .	0.6	4
25	Casein-Coated Iron Oxide Nanoparticles for in vitro Hyperthermia for Cancer Therapy. <i>Spin</i> , 2019, 09, 1940003.	0.6	24
26	Functionalized reduced graphene oxide as a lateral flow immuneassay label for one-step detection of Escherichia coli O157:H7. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 104-111.	1.4	33
27	Curcumin as a green fluorescent label to revive the fluorescence property of functionalized graphene oxide nanosheets. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 422-427.	1.4	15
28	Hydrogen sensing properties of nanocomposite graphene oxide/Co-based metal organic frameworks (Co-MOFs@GO). <i>Nanotechnology</i> , 2018, 29, 015501.	1.3	20
29	Photoluminescence and electrochemical investigation of curcumin-reduced graphene oxide sheets. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 351-357.	1.2	10
30	Enhanced Thermal Stability and Biocompatibility of Gold Nanorods by Graphene Oxide. <i>Plasmonics</i> , 2018, 13, 1585-1594.	1.8	13
31	Heat transfer of PEGylated cobalt ferrite nanofluids for magnetic fluid hyperthermia therapy: In vitro cellular study. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 462, 185-194.	1.0	40
32	Novel synthesis of cobalt/poly vinyl alcohol/gamma alumina nanocomposite for catalytic application. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	17
33	Simultaneous Gene Delivery and Tracking through Preparation of Photo-Luminescent Nanoparticles Based on Graphene Quantum Dots and Chimeric Peptides. <i>Scientific Reports</i> , 2017, 7, 9552.	1.6	76
34	Detecting hydrogen using graphene quantum dots/WO ₃ thin films. <i>Materials Research Express</i> , 2016, 3, 116407.	0.8	26
35	Graphene/cobalt nanocarrier for hyperthermia therapy and MRI diagnosis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 271-279.	2.5	57
36	Curcumin-reduced graphene oxide sheets and their effects on human breast cancer cells. <i>Materials Science and Engineering C</i> , 2015, 55, 482-489.	3.8	122

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37	Accelerated differentiation of neural stem cells into neurons on ginseng-reduced graphene oxide sheets. <i>Carbon</i> , 2014, 66, 395-406.	5.4	215
38	Complexes of cobalt nanoparticles and polyfunctional curcumin as antimicrobial agents. <i>Materials Science and Engineering C</i> , 2012, 32, 92-97.	3.8	61
39	Cobalt nanoparticles doped emeraldine salt of polyaniline: A promising room temperature magnetic semiconductor. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3926-3931.	1.0	17
40	Polymer-embedded stannic oxide nanoparticles as humidity sensors. <i>Materials Science and Engineering C</i> , 2009, 29, 847-850.	3.8	15
41	Encapsulation of cobalt nanoparticles in cross-linked-polymer cages. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2135-2138.	1.0	24
42	Shape-Mediated Magnetocrystalline Anisotropy and Relaxation Controls by Cobalt Ferrite Core-Shell Heterostructures for Magnetothermal Penetration Delivery. <i>Advanced Materials Interfaces</i> , 0, , 2200022.	1.9	1
43	The effects of synthesized silver nanowires on the structure and esterase-like activity of human serum albumin and their impacts on human endometrial stem cells. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-14.	0.9	1