Hossein Jahangirian

List of Publications by Year
in descending order

31	2,404	430442 18	433756 31
papers	citations	h-index	g-index

31	31	31	3880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyvinyl alcohol/chitosan/silver nanofibers as antibacterial agents and as efficient adsorbents to remove methyl orange from aqueous solutions. Journal of the Iranian Chemical Society, 2022, 19, 1287-1299.	1.2	4
2	Fabrication of cellulose nanocrystals as potential anticancer drug delivery systems for colorectal cancer treatment. International Journal of Biological Macromolecules, 2022, 199, 372-385.	3.6	25
3	Antimicrobial Double-Layer Wound Dressing Based on Chitosan/Polyvinyl Alcohol/Copper: In vitro and in vivo Assessment. International Journal of Nanomedicine, 2021, Volume 16, 223-235.	3.3	79
4	Green Synthesis of Fe3O4 Nanoparticles Stabilized by a Garcinia mangostana Fruit Peel Extract for Hyperthermia and Anticancer Activities. International Journal of Nanomedicine, 2021, Volume 16, 2515-2532.	3.3	83
5	Wound dressings functionalized with silver nanoparticles: promises and pitfalls. Nanoscale, 2020, 12, 2268-2291.	2.8	207
6	The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw . International Journal of Nanomedicine, 2020, Volume 15, 5417-5432.	3.3	36
7	Enzymatic Synthesis of Ricinoleyl Hydroxamic Acid Based on Commercial Castor Oil, Cytotoxicity Properties and Application as a New Anticancer Agent . International Journal of Nanomedicine, 2020, Volume 15, 2935-2945.	3.3	6
8	Green Synthesis of Zeolite/Fe₂O₃ Nanocomposites: Toxicity & Cell Proliferation Assays and Application as a Smart Iron Nanofertilizer . International Journal of Nanomedicine, 2020, Volume 15, 1005-1020.	3.3	46
9	Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and Their Biomedical Applications . International Journal of Nanomedicine, 2020, Volume 15, 275-300.	3.3	256
10	Status of Plant Protein-Based Green Scaffolds for Regenerative Medicine Applications. Biomolecules, 2019, 9, 619.	1.8	40
11	A review of small molecules and drug delivery applications using gold and iron nanoparticles . International Journal of Nanomedicine, 2019, Volume 14, 1633-1657.	3.3	155
12	Biomedical applications of chitosan electrospun nanofibers as a green polymer â€“ Review. Carbohydrate Polymers, 2019, 207, 588-600.	5.1	286
13	A new achievement in green degradation of aqueous organic pollutants under visible-light irradiation. Water Science and Technology, 2018, 77, 1493-1504.	1.2	3
14	A review of using green chemistry methods for biomaterials in tissue engineering. International Journal of Nanomedicine, 2018, Volume 13, 5953-5969.	3.3	47
15	A review of drug delivery systems based on nanotechnology and green chemistry: green nanomedicine. International Journal of Nanomedicine, 2017, Volume 12, 2957-2978.	3.3	392
16	Synthesis, characterization, and performance evaluation of multilayered photoanodes by introducing mesoporous carbon and TiO₂ for humic acid adsorption. International Journal of Nanomedicine, 2016, Volume 11, 3969-3978.	3.3	9
17	Reinforcement Benefits of Nanomodified Coir Fiber in Lime-Treated Marine Clay. Journal of Materials in Civil Engineering, 2016, 28, .	1.3	70
18	Fabrication and characterization porous carbon rod-shaped from almond natural fibers for environmental applications. Journal of Environmental Chemical Engineering, 2015, 3, 2273-2280.	3.3	10

#	Article	IF	Citations
19	Fabrication modeling of industrial CO2 ionic liquids absorber by artificial neural networks. Journal of Industrial and Engineering Chemistry, 2015, 25, 168-175.	2.9	18
20	Artificial Neural Network Modelling of Photodegradation in Suspension of Manganese Doped Zinc Oxide Nanoparticles under Visible-Light Irradiation. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	10
21	Artificial neural network modeling of p-cresol photodegradation. Chemistry Central Journal, 2013, 7, 96.	2.6	19
22	Antifungal Properties of Phenyl Fatty Hydroxamic Acids and Their Copper Complexes Synthesized Based on Canola and Palm Kernel Oils. Asian Journal of Chemistry, 2013, 25, 4183-4188.	0.1	4
23	Immobilization of Ionophore and Surface Characterization Studies of the Titanium(III) Ion in a PVC-Membrane Sensor. Sensors, 2012, 12, 8806-8814.	2.1	34
24	Benzyl and Methyl Fatty Hydroxamic Acids Based on Palm Kernel Oil as Chelating Agent for Liquid-Liquid Iron(III) Extraction. International Journal of Molecular Sciences, 2012, 13, 2148-2159.	1.8	8
25	Synthesis and Characterization of Polyethylene Glycol Mediated Silver Nanoparticles by the Green Method. International Journal of Molecular Sciences, 2012, 13, 6639-6650.	1.8	447
26	Semi-empirical study of ortho-cresol photo degradation in manganese-doped zinc oxide nanoparticles suspensions. Chemistry Central Journal, 2012, 6, 88.	2.6	21
27	Interactions between photodegradation components. Chemistry Central Journal, 2012, 6, 100.	2.6	16
28	Photocatalytic degradation of 1,4-benzoquinone in aqueous ZnO dispersions. Journal of the Brazilian Chemical Society, 2012, 23, 236-240.	0.6	39
29	Copper Extraction by Fatty Hydroxamic Acids Derivatives Synthesized Based on Palm Kernel Oil. Journal of Oleo Science, 2012, 61, 189-195.	0.6	6
30	Enzymatic Synthesis of Fatty Hydroxamic Acid Derivatives Based on Palm Kernel Oil. Molecules, 2011, 16, 6634-6644.	1.7	16
31	Enzymatic Synthesis of Phenyl Fatty Hydroxamic Acids from Canola and Palm Oils. Journal of Oleo Science, 2011, 60, 281-286.	0.6	12