

Hossein Jahangirian

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,404
citations

430442

18
h-index

433756

31
g-index

31
all docs

31
docs citations

31
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Polyethylene Glycol Mediated Silver Nanoparticles by the Green Method. <i>International Journal of Molecular Sciences</i> , 2012, 13, 6639-6650.	1.8	447
2	A review of drug delivery systems based on nanotechnology and green chemistry: green nanomedicine. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2957-2978.	3.3	392
3	Biomedical applications of chitosan electrospun nanofibers as a green polymer " Review. <i>Carbohydrate Polymers</i> , 2019, 207, 588-600.	5.1	286
4	<p>Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and Their Biomedical Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 275-300.	3.3	256
5	Wound dressings functionalized with silver nanoparticles: promises and pitfalls. <i>Nanoscale</i> , 2020, 12, 2268-2291.	2.8	207
6	<p>A review of small molecules and drug delivery applications using gold and iron nanoparticles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1633-1657.	3.3	155
7	Green Synthesis of Fe ₃ O ₄ Nanoparticles Stabilized by a Garcinia mangostana Fruit Peel Extract for Hyperthermia and Anticancer Activities. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2515-2532.	3.3	83
8	Antimicrobial Double-Layer Wound Dressing Based on Chitosan/Polyvinyl Alcohol/Copper: In vitro and in vivo Assessment. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 223-235.	3.3	79
9	Reinforcement Benefits of Nanomodified Coir Fiber in Lime-Treated Marine Clay. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	1.3	70
10	A review of using green chemistry methods for biomaterials in tissue engineering. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5953-5969.	3.3	47
11	<p>Green Synthesis of Zeolite/Fe₂_O₃</p> Nanocomposites: Toxicity & Cell Proliferation Assays and Application as a Smart Iron Nanofertilizer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1005-1020.	3.3	46
12	Status of Plant Protein-Based Green Scaffolds for Regenerative Medicine Applications. <i>Biomolecules</i> , 2019, 9, 619.	1.8	40
13	Photocatalytic degradation of 1,4-benzoquinone in aqueous ZnO dispersions. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 236-240.	0.6	39
14	<p>The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5417-5432.	3.3	36
15	Immobilization of Ionophore and Surface Characterization Studies of the Titanium(III) Ion in a PVC-Membrane Sensor. <i>Sensors</i> , 2012, 12, 8806-8814.	2.1	34
16	Fabrication of cellulose nanocrystals as potential anticancer drug delivery systems for colorectal cancer treatment. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 372-385.	3.6	25
17	Semi-empirical study of ortho-cresol photo degradation in manganese-doped zinc oxide nanoparticles suspensions. <i>Chemistry Central Journal</i> , 2012, 6, 88.	2.6	21
18	Artificial neural network modeling of p-cresol photodegradation. <i>Chemistry Central Journal</i> , 2013, 7, 96.	2.6	19

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19	Fabrication modeling of industrial CO ₂ ionic liquids absorber by artificial neural networks. Journal of Industrial and Engineering Chemistry, 2015, 25, 168-175.	2.9	18
20	Enzymatic Synthesis of Fatty Hydroxamic Acid Derivatives Based on Palm Kernel Oil. Molecules, 2011, 16, 6634-6644.	1.7	16
21	Interactions between photodegradation components. Chemistry Central Journal, 2012, 6, 100.	2.6	16
22	Enzymatic Synthesis of Phenyl Fatty Hydroxamic Acids from Canola and Palm Oils. Journal of Oleo Science, 2011, 60, 281-286.	0.6	12
23	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
24	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
25	Synthesis, characterization, and performance evaluation of multilayered photoanodes by introducing mesoporous carbon and TiO ₂ for humic acid adsorption. International Journal of Nanomedicine, 2016, Volume 11, 3969-3978.	3.3	9
26	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
27	Copper Extraction by Fatty Hydroxamic Acids Derivatives Synthesized Based on Palm Kernel Oil. Journal of Oleo Science, 2012, 61, 189-195.	0.6	6
28	<p>Enzymatic Synthesis of Ricinoleyl Hydroxamic Acid Based on Commercial Castor Oil, Cytotoxicity Properties and Application as a New Anticancer Agent</p>. International Journal of Nanomedicine, 2020, Volume 15, 2935-2945.	3.3	6
29	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
30	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
31	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