

Ahmed I Abd-Elhamid

List of Publications by Year in descending order

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papers

696
citations

516215

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33
docs citations

33
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of graphene oxide-activated carbon as effective composite adsorbent toward the removal of cationic dyes: Composite preparation, characterization and adsorption parameters. <i>Journal of Molecular Liquids</i> , 2019, 279, 530-539.	2.3	93
2	Enhanced removal of cationic dye by eco-friendly activated biochar derived from rice straw. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	87
3	Graphene oxide: Follow the oxidation mechanism and its application in water treatment. <i>Journal of Molecular Liquids</i> , 2018, 265, 226-237.	2.3	41
4	Possible use of synthesized nano silica functionalized by Prussian blue as sorbent for removal of certain radionuclides from liquid radioactive waste. <i>Journal of Molecular Liquids</i> , 2018, 261, 379-386.	2.3	38
5	Fabrication of novel magnetic zinc oxide cellulose acetate hybrid nano-fiber to be utilized for phenol decontamination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 307-316.	2.7	35
6	The nanomaterials and recent progress in biosensing systems: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 26, e00087.	5.3	35
7	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification. <i>Polymers</i> , 2022, 14, 1594.	2.0	33
8	Metronidazole Topically Immobilized Electrospun Nanofibrous Scaffold: Novel Secondary Intention Wound Healing Accelerator. <i>Polymers</i> , 2022, 14, 454.	2.0	32
9	Development of sponge/graphene oxide composite as eco-friendly filter to remove methylene blue from aqueous media. <i>Applied Surface Science</i> , 2019, 496, 143676.	3.1	29
10	Selective sorption of ¹³⁴ Cs and ⁶⁰ Co radioisotopes using synthetic nanocopper ferrocyanide-SiO ₂ materials. <i>Separation and Purification Technology</i> , 2020, 234, 116060.	3.9	28
11	Photocatalytic Degradation of Methylene Blue Dye Using Silica Oxide Nanoparticles as a Catalyst. <i>Water Environment Research</i> , 2018, 90, 807-817.	1.3	25
12	<p>Î±-Bisabolol-Loaded Cross-Linked Zein Nanofibrous 3D-Scaffolds For Accelerating Wound Healing And Tissue Regeneration In Rats<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8251-8270.	3.3	21
13	Fabrication of polyacrylonitrile/Î²-cyclodextrin/graphene oxide nanofibers composite as an efficient adsorbent for cationic dye. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 11, 100207.	1.7	21
14	Decontamination of organic pollutants from aqueous media using cotton fiberâ€™graphene oxide composite, utilizing batch and filter adsorption techniques: a comparative study. <i>RSC Advances</i> , 2019, 9, 5770-5785.	1.7	19
15	Recent Progress and Potential Biomedical Applications of Electrospun Nanofibers in Regeneration of Tissues and Organs. <i>Polymers</i> , 2022, 14, 1508.	2.0	17
16	Fabrication and Characterization of Effective Biochar Biosorbent Derived from Agricultural Waste to Remove Cationic Dyes from Wastewater. <i>Polymers</i> , 2022, 14, 2587.	2.0	17
17	Preparation and characterization of novel nanocombination of bovine lactoperoxidase with Dye Decolorizing and anti-bacterial activity. <i>Scientific Reports</i> , 2019, 9, 8530.	1.6	16
18	A novel method for highly effective removal and determination of binary cationic dyes in aqueous media using a cottonâ€™graphene oxide composite. <i>RSC Advances</i> , 2020, 10, 7791-7802.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Azides in the Synthesis of Various Heterocycles. <i>Molecules</i> , 2022, 27, 3716.	1.7	12
20	Novel Nanocombinations of L-Tryptophan and L-Cysteine: Preparation, Characterization, and Their Applications for Antimicrobial and Anticancer Activities. <i>Pharmaceutics</i> , 2021, 13, 1595.	2.0	11
21	Alginate modified graphene oxide for rapid and effective sorption of some heavy metal ions from an aqueous solution. <i>Cellulose</i> , 2022, 29, 6231-6245.	2.4	11
22	Graphene oxide crosslinked-zein nanofibrous scaffolds for prominent Cu-adsorption as tissue regeneration promoters in diabetic rats: Nanofibers optimization and in vivo assessment. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119919.	2.6	10
23	Preparation and Characterization of Magnetite Talc (Fe ₃ O ₄ @Talc) Nanocomposite as an Effective Adsorbent for Cr(VI) and Alizarin Red S Dye. <i>Materials</i> , 2022, 15, 3401.	1.3	9
24	Extraction of carrier-free ⁹⁹ Mo by ionic liquids from acid solutions: A model of seaborgium (Sg) experiment. <i>Applied Radiation and Isotopes</i> , 2019, 149, 83-88.	0.7	8
25	Preparation and Characterization of Silica Nanoparticles by Wet Mechanical Attrition of White and Yellow Sand. <i>Journal of Nanomedicine & Nanotechnology</i> , 2013, 04, .	1.1	8
26	Adsorption of Methylene Blue Dye on Hydrothermally Prepared Tungsten Oxide Nanosheets. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 483-498.	0.1	7
27	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation. <i>Molecules</i> , 2022, 27, 2940.	1.7	6
28	Methylene blue and crystal violet dyes removal (as a binary system) from aqueous solution using local soil clay: kinetics study and equilibrium isotherms. <i>Egyptian Journal of Chemistry</i> , 2018, .	0.1	4
29	Graphene Oxide@Heavy Metal Ions (GO@M) Complex Simulated Waste as an Efficient Adsorbent for Removal of Cationic Methylene Blue Dye from Contaminated Water. <i>Materials</i> , 2022, 15, 3657.	1.3	3
30	Assessment of the antimicrobial activities of trioctylphosphine oxide modified silica nanoparticles. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.1	2
31	Hydraulic classifier system for fractionation of nano CaCO ₃ particles. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 379-391.	1.6	1
32	Removal of Fe (III) from aqueous solution using thiosalicylic acid as an efficient adsorbent. <i>Egyptian Journal of Chemistry</i> , 2018, .	0.1	1