Ahmed I Abd-Elhamid

List of Publications by Year
in descending order

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32 papers	696 citations	516215 16 h-index	580395 25 g-index
33 all docs	33 docs citations	33 times ranked	751 citing authors

#	Article	IF	Citations
1	Metronidazole Topically Immobilized Electrospun Nanofibrous Scaffold: Novel Secondary Intention Wound Healing Accelerator. Polymers, 2022, 14, 454.	2.0	32
2	Recent Progress and Potential Biomedical Applications of Electrospun Nanofibers in Regeneration of Tissues and Organs. Polymers, 2022, 14, 1508.	2.0	17
3	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification. Polymers, 2022, 14, 1594.	2.0	33
4	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation. Molecules, 2022, 27, 2940.	1.7	6
5	Preparation and Characterization of Magnetite Talc (Fe3O4@Talc) Nanocomposite as an Effective Adsorbent for Cr(VI) and Alizarin Red S Dye. Materials, 2022, 15, 3401.	1.3	9
6	Graphene Oxide@Heavy Metal Ions (GO@M) Complex Simulated Waste as an Efficient Adsorbent for Removal of Cationic Methylene Blue Dye from Contaminated Water. Materials, 2022, 15, 3657.	1.3	3
7	Azides in the Synthesis of Various Heterocycles. Molecules, 2022, 27, 3716.	1.7	12
8	Alginate modified graphene oxide for rapid and effective sorption of some heavy metal ions from an aqueous solution. Cellulose, 2022, 29, 6231-6245.	2.4	11
9	Fabrication and Characterization of Effective Biochar Biosorbent Derived from Agricultural Waste to Remove Cationic Dyes from Wastewater. Polymers, 2022, 14, 2587.	2.0	17
10	Novel Nanocombinations of l-Tryptophan and l-Cysteine: ÂPreparation, Characterization, and Their Applications for Antimicrobial and Anticancer Activities. Pharmaceutics, 2021, 13, 1595.	2.0	11
11	Selective sorption of 134Cs and 60Co radioisotopes using synthetic nanocopper ferrocyanide-SiO2 materials. Separation and Purification Technology, 2020, 234, 116060.	3.9	28
12	Enhanced removal of cationic dye by eco-friendly activated biochar derived from rice straw. Applied Water Science, 2020, 10, 1.	2.8	87
13	Graphene oxide crosslinked-zein nanofibrous scaffolds for prominent Cu-adsorption as tissue regeneration promoters in diabetic rats: Nanofibers optimization and in vivo assessment. International Journal of Pharmaceutics, 2020, 590, 119919.	2.6	10
14	A novel method for highly effective removal and determination of binary cationic dyes in aqueous media using a cottonâ€“graphene oxide composite. RSC Advances, 2020, 10, 7791-7802.	1.7	16
15	The nanomaterials and recent progress in biosensing systems: A review. Trends in Environmental Analytical Chemistry, 2020, 26, e00087.	5.3	35
16	Adsorption of Methylene Blue Dye on Hydrothermally Prepared Tungsten Oxide Nanosheets. Egyptian Journal of Chemistry, 2020, 63, 483-498.	0.1	7
17	Development of sponge/graphene oxide composite as eco-friendly filter to remove methylene blue from aqueous media. Applied Surface Science, 2019, 496, 143676.	3.1	29
18	Evaluation of graphene oxide-activated carbon as effective composite adsorbent toward the removal of cationic dyes: Composite preparation, characterization and adsorption parameters. Journal of Molecular Liquids, 2019, 279, 530-539.	2.3	93

#	Article	IF	Citations
19	Preparation and characterization of novel nanocombination of bovine lactoperoxidase with Dye Decolorizing and anti-bacterial activity. Scientific Reports, 2019, 9, 8530.	1.6	16
20	Extraction of carrier-free 99Mo by ionic liquids from acid solutions: A model of seaborgium (Sg) experiment. Applied Radiation and Isotopes, 2019, 149, 83-88.	0.7	8
21	Decontamination of organic pollutants from aqueous media using cotton fiberâ€“graphene oxide composite, utilizing batch and filter adsorption techniques: a comparative study. RSC Advances, 2019, 9, 5770-5785.	1.7	19
22	Î±-Bisabolol-Loaded Cross-Linked Zein Nanofibrous 3D-Scaffolds For Accelerating Wound Healing And Tissue Regeneration In Rats . International Journal of Nanomedicine, 2019, Volume 14, 8251-8270.	3.3	21
23	Fabrication of polyacrylonitrile/Î²-cyclodextrin/graphene oxide nanofibers composite as an efficient adsorbent for cationic dye. Environmental Nanotechnology, Monitoring and Management, 2019, 11, 100207.	1.7	21
24	Assessment of the antimicrobial activities of trioctylphosphine oxide modified silica nanoparticles. Egyptian Journal of Chemistry, 2019, .	0.1	2
25	Possible use of synthesized nano silica functionalized by Prussian blue as sorbent for removal of certain radionuclides from liquid radioactive waste. Journal of Molecular Liquids, 2018, 261, 379-386.	2.3	38
26	Photocatalytic Degradation of Methylene Blue Dye Using Silica Oxide Nanoparticles as a Catalyst. Water Environment Research, 2018, 90, 807-817.	1.3	25
27	Graphene oxide: Follow the oxidation mechanism and its application in water treatment. Journal of Molecular Liquids, 2018, 265, 226-237.	2.3	41
28	Removal of Fe (III) from aqueous solution using thiosalcylic acid as an efficient adsorbent. Egyptian Journal of Chemistry, 2018, .	0.1	1
29	Methylene blue and crystal violet dyes removal (as a binary system) from aqueous solution using local soil clay: kinetics study and equilibrium isotherms. Egyptian Journal of Chemistry, 2018, .	0.1	4
30	Fabrication of novel magnetic zinc oxide cellulose acetate hybrid nano-fiber to be utilized for phenol decontamination. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 307-316.	2.7	35
31	Hydraulic classifier system for fractionation of nano CaCO3 particles. Applied Nanoscience (Switzerland), 2015, 5, 379-391.	1.6	1
32	Preparation and Characterization of Silica Nanoparticles by Wet Mechanical Attrition of White and Yellow Sand. Journal of Nanomedicine & Nanotechnology, 2013, 04, .	1.1	8