

# Mostafa Y Nassar

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,862  
citations

236612

25  
h-index

276539

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt aluminate/carbon nanocomposite via an auto-combustion method: an efficient photocatalyst for photocatalytic degradation of organic dyes from aqueous media. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 7979-7999.	1.8	9
2	Utility of solid-phase extraction coupled with spectrophotometry for a novel green nano determination of copper(II) using 4-((furan-2-ylmethylene) amino)-5-methyl-4H-1,2,4-triazole-3-thiol. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1550-1571.	1.8	3
3	Facile auto-combustion synthesis of calcium aluminate nanoparticles for efficient removal of Ni(II) and As(III) ions from wastewater. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2581-2596.	1.2	7
4	Facile Fabrication of Nano-sized SiO <sub>2</sub> by an Improved Sol-Gel Route: As an Adsorbent for Enhanced Removal of Cd(II) and Pb(II) Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1129-1141.	1.9	9
5	Efficacy of porous silica nanostructure as an insecticide against filarial vector <i>Culex pipiens</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Ovedo 0.4	0.4	4
6	Facile, controllable, chemical reduction synthesis of copper nanostructures utilizing different capping agents. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 1418-1430.	0.9	9
7	Microwave-assisted fabrication of copper nanoparticles utilizing different counter ions: An efficient photocatalyst for photocatalytic degradation of safranin dye from aqueous media. <i>Materials Research Bulletin</i> , 2021, 133, 111048.	2.7	53
8	Adsorptive Removal of Manganese Ions from Polluted Aqueous Media by Glauconite Clay-Functionalized Chitosan Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4050-4064.	1.9	13
9	Chitosan, magnetite, silicon dioxide, and graphene oxide nanocomposites: Synthesis, characterization, efficiency as cisplatin drug delivery, and DFT calculations. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 621-633.	3.6	71
10	Glauconite clay-functionalized chitosan nanocomposites for efficient adsorptive removal of fluoride ions from polluted aqueous solutions. <i>RSC Advances</i> , 2020, 10, 25567-25585.	1.7	32
11	A facile and tunable approach for synthesis of pure silica nanostructures from rice husk for the removal of ciprofloxacin drug from polluted aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019, 282, 251-263.	2.3	90
12	A Tunable Template-Assisted Hydrothermal Synthesis of Hydroxysodalite Zeolite Nanoparticles Using Various Aliphatic Organic Acids for the Removal of Zinc(II) Ions from Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 229-247.	1.9	38
13	Cylindrical-design, dehydration, and sorption properties of easily synthesized magnesium phosphosilicate nanopowder. <i>Particulate Science and Technology</i> , 2019, 37, 207-219.	1.1	20
14	Design and synthesis of new thiobarbituric acid metal complexes as potent protease inhibitors: spectral characterization, thermal analysis and DFT calculations. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 269-280.	1.2	8
15	A facile one-pot hydrothermal synthesis of hematite (α-Fe <sub>2</sub> O <sub>3</sub> ) nanostructures and cephalixin antibiotic sorptive removal from polluted aqueous media. <i>Journal of Molecular Liquids</i> , 2018, 271, 844-856.	2.3	55
16	Tunable auto-combustion preparation of TiO <sub>2</sub> nanostructures as efficient adsorbents for the removal of an anionic textile dye. <i>RSC Advances</i> , 2017, 7, 8034-8050.	1.7	74
17	Synthesis, Characterization and Biological Activity of New 3-substitued-4-amino-5-hydrazino-1,2,4-triazole Schiff Bases and Their Cu(II) Complexes: A New Approach to CuO Nanoparticles for Photocatalytic Degradation of Methylene Blue Dye. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> . 2017, 27, 1220-1233.	1.9	49
18	Synthesis, characterization, and biological activity of some novel Schiff bases and their Co(II) and Ni(II) complexes: A new route for Co <sub>3</sub> O <sub>4</sub> and NiO nanoparticles for photocatalytic degradation of methylene blue dye. <i>Journal of Molecular Structure</i> , 2017, 1143, 462-471.	1.8	89

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19	A facile Pechini sol-gel synthesis of $\text{TiO}_2/\text{ZnO}/\text{TiO}_2/\text{ZnO}/\text{C}$ nanocomposite: an efficient catalyst for the photocatalytic degradation of Orange G textile dye. RSC Advances, 2017, 7, 30411-30421.	1.7	48
20	Cloud-Point Extraction for Preconcentration and Platinum Determination Using Spectrophotometry in Environmental Samples. Analytical Chemistry Letters, 2017, 7, 128-141.	0.4	4
21	A facile synthesis of mordenite zeolite nanostructures for efficient bleaching of crude soybean oil and removal of methylene blue dye from aqueous media. Journal of Molecular Liquids, 2017, 248, 302-313.	2.3	57
22	Synthesis and characterization of a $\text{ZnMn}_2\text{O}_4$ nanostructure as a chemical nanosensor: a facile and new approach for colorimetric determination of omeprazole and lansoprazole drugs. RSC Advances, 2017, 7, 43798-43811.	1.7	39
23	Hydrothermal tuning of the morphology and crystallite size of zeolite nanostructures for simultaneous adsorption and photocatalytic degradation of methylene blue dye. Journal of Molecular Liquids, 2017, 242, 364-374.	2.3	81
24	Hydrothermally Synthesized $\text{Co}_3\text{O}_4$ , $\text{Fe}_2\text{O}_3$ , and $\text{CoFe}_2\text{O}_4$ Nanostructures: Efficient Nano-adsorbents for the Removal of Orange G Textile Dye from Aqueous Media. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1526-1537.	1.9	30
25	$\text{MgO}$ nanostructure via a sol-gel combustion synthesis method using different fuels: An efficient nano-adsorbent for the removal of some anionic textile dyes. Journal of Molecular Liquids, 2017, 225, 730-740.	2.3	127
26	Sphere-like $\text{Mn}_2\text{O}_3$ nanoparticles: Facile hydrothermal synthesis and adsorption properties. Journal of the Taiwan Institute of Chemical Engineers, 2016, 64, 79-88.	2.7	60
27	Hydrothermal tuning of the morphology and particle size of hydrozincite nanoparticles using different counterions to produce nanosized $\text{ZnO}$ as an efficient adsorbent for textile dye removal. RSC Advances, 2016, 6, 42180-42195.	1.7	90
28	Facile controllable hydrothermal route for a porous $\text{CoMn}_2\text{O}_4$ nanostructure: synthesis, characterization, and textile dye removal from aqueous media. RSC Advances, 2016, 6, 84050-84067.	1.7	61
29	Cobalt ferrite nanoparticles via a template-free hydrothermal route as an efficient nano-adsorbent for potential textile dye removal. RSC Advances, 2016, 6, 79688-79705.	1.7	113
30	A controlled, template-free, and hydrothermal synthesis route to sphere-like $\text{Fe}_2\text{O}_3$ nanostructures for textile dye removal. RSC Advances, 2016, 6, 20001-20013.	1.7	80
31	Preparation, molecular modeling and biodistribution of $^{99\text{m}}\text{Tc}$ -phytochlorin complex. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1759-1766.	0.7	9
32	Structure investigation of mesalazine drug using thermal analyses, mass spectrometry, DFT calculations, and NBO analysis. Journal of Thermal Analysis and Calorimetry, 2014, 117, 463-471.	2.0	7
33	A novel synthetic route for magnesium aluminate ( $\text{MgAl}_2\text{O}_4$ ) nanoparticles using sol-gel auto combustion method and their photocatalytic properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 131, 329-334.	2.0	166
34	Facile synthesis of mononuclear early transition-metal complexes of $\text{P}^3\text{-cyclo-tetrametaphosphate}$ ( $[\text{P}_4\text{O}_{12}]^{4-}$ ) and $\text{cyclo-trimetaphosphate}$ ( $[\text{P}_3\text{O}_9]^{3-}$ ). Dalton Transactions, 2014, 43, 1509-1518.	1.6	16
35	Synthesis of two novel dinuclear molybdenum(0) complexes of quinoxaline-2,3-dione: New precursors for preparation of $\text{MoO}_3$ nanoplates. Inorganica Chimica Acta, 2013, 405, 362-367.	1.2	34
36	One-pot solvothermal synthesis of novel cobalt salicylaldehyde-urea complexes: A new approach to $\text{Co}_3\text{O}_4$ nanoparticles. Journal of Molecular Structure, 2013, 1050, 81-87.	1.8	41

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37	Size-controlled synthesis of CoCO <sub>3</sub> and Co <sub>3</sub> O <sub>4</sub> nanoparticles by free-surfactant hydrothermal method. <i>Materials Letters</i> , 2013, 94, 112-115.	1.3	86
38	Novel isatinoxime molybdenum and chromium complexes: Synthesis, spectroscopic, and thermal characterization. <i>Journal of Molecular Structure</i> , 2012, 1026, 88-92.	1.8	8
39	Template-free hydrothermal derived cobalt oxide nanopowders: Synthesis, characterization, and removal of organic dyes. <i>Materials Research Bulletin</i> , 2012, 47, 2638-2645.	2.7	62
40	Synthesis of a <sup>188</sup> Reâ€“DTPMP complex using carrier-free <sup>188</sup> Re and study of its stability. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 287, 779-785.	0.7	6
41	Removal of Malachite Green Dye from Aqueous Solutions by an Efficient Nanosized NiO Fabricated by a Facile Sol-Gel Autocombustion. <i>Asian Journal of Chemical Sciences</i> , 0, , 41-51.	0.4	0