

Abdelrahman Rabie

List of Publications by Year in descending order

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38
papers

2,044
citations

279487

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315357

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docs citations

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times ranked

2099
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and optimization of poly(ortho-aminophenol) doped glycerol for efficient removal of cobalt ion from wastewater. <i>Journal of Molecular Liquids</i> , 2022, 345, 117034.	2.3	8
2	Highly active Z-scheme heterojunction photocatalyst of anatase TiO ₂ octahedra covered with C-MoS ₂ nanosheets for efficient degradation of organic pollutants under solar light. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 337-352.	5.0	40
3	SnS ₂ Nanoparticles and Thin Film for Application as an Adsorbent and Photovoltaic Buffer. <i>Nanomaterials</i> , 2022, 12, 282.	1.9	14
4	Kinetic and statistical perspectives on the interactive effects of recalcitrant polyaromatic and sulfur heterocyclic compounds and in-vitro nanobioremediation of oily marine sediment at microcosm level. <i>Environmental Research</i> , 2022, 209, 112768.	3.7	7
5	Microwave-assisted synthesis of a Z-scheme heterojunction Ag/AgBr@BiOBr/Bi ₂ O ₃ photocatalyst for efficient organic pollutant degradation under visible light. <i>Environmental Science: Nano</i> , 2022, 9, 1724-1737.	2.2	12
6	Facial synthesis of mesoporous {Mo ₁₃₂ }/BiOCl for the efficient oxidative desulfurization of fuel. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109568.	1.8	10
7	Highly efficient Imprinted Polymer Nanocomposites for photocatalytic desulfurization of real diesel fuel. <i>Environmental Technology and Innovation</i> , 2021, 21, 101206.	3.0	18
8	Novel preparation of ferromanganese oxide based on hyperbranched polymer for peroxymonosulfate activation as a robust catalyst for the degradation of organic pollutants. <i>Environmental Technology and Innovation</i> , 2021, 22, 101435.	3.0	10
9	Facial synthesis of ferric molybdate (Fe ₂ (MoO ₄) ₃) nanoparticle and its efficiency for biodiesel synthesis via oleic acid esterification. <i>Environmental Technology and Innovation</i> , 2021, 22, 101386.	3.0	14
10	Fabrication of CoNiMo/Al ₂ O ₃ from waste aluminum foil to convert waste lube oil to hydrotreated oil. <i>Egyptian Journal of Petroleum</i> , 2021, 30, 21-28.	1.2	4
11	Assessment of 3-amino-1H-1,2,4-triazole modified layered double hydroxide in effective remediation of heavy metal ions from aqueous environment. <i>Journal of Molecular Liquids</i> , 2021, 341, 116935.	2.3	25
12	Instantaneous photocatalytic degradation of malachite green dye under visible light using novel green Co-ZnO/algae composites. <i>Research on Chemical Intermediates</i> , 2020, 46, 1955-1973.	1.3	52
13	Zinc aluminate nanoparticles: Preparation, characterization and application as efficient and economic catalyst in transformation of waste cooking oil into biodiesel. <i>Journal of Molecular Liquids</i> , 2020, 302, 112377.	2.3	31
14	Photocatalytic degradation of malachite green dye using chitosan supported ZnO and Ce-ZnO nano-flowers under visible light. <i>Journal of Environmental Management</i> , 2020, 258, 110043.	3.8	205
15	Highly selective epoxidation of olefins using vanadium (IV) schiff base- amine-tagged graphene oxide composite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 591, 124520.	2.3	38
16	Facile Fabrication of ZnMgAl/LDH/Algae Composites as a Potential Adsorbent for Cr(VI) Ions from Water: Fabrication and Equilibrium Studies. <i>ACS Omega</i> , 2020, 5, 31342-31351.	1.6	12
17	Synthesis of advanced MgAl-LDH based geopolymer as a potential catalyst in the conversion of waste sunflower oil into biodiesel: Response surface studies. <i>Fuel</i> , 2020, 282, 118865.	3.4	47
18	Mercury removal from aqueous solution via functionalized mesoporous silica nanoparticles with the amine compound. <i>Egyptian Journal of Petroleum</i> , 2019, 28, 289-296.	1.2	21

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19	Clean transesterification process for biodiesel production using heterogeneous polymer-heteropoly acid nanocatalyst. <i>Journal of Cleaner Production</i> , 2019, 238, 117854.	4.6	54
20	Ni-doped and Ni/Cr co-doped TiO ₂ nanotubes for enhancement of photocatalytic degradation of methylene blue. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 31-41.	5.0	134
21	Diatomite supported by CaO/MgO nanocomposite as heterogeneous catalyst for biodiesel production from waste cooking oil. <i>Journal of Molecular Liquids</i> , 2019, 279, 224-231.	2.3	177
22	Surface decoration of diatomite by Ni/NiO nanoparticles as hybrid composite of enhanced adsorption properties for malachite green dye and hexavalent chromium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 583-593.	2.3	50
23	Feasibility of modified bentonite as acidic heterogeneous catalyst in low temperature catalytic cracking process of biofuel production from nonedible vegetable oils. <i>Journal of Molecular Liquids</i> , 2018, 254, 260-266.	2.3	51
24	Removal of refractory Organosulfur compounds using an efficient and recyclable {Mo132} nanoball supported graphene oxide. <i>Journal of Molecular Liquids</i> , 2018, 252, 121-132.	2.3	44
25	New Conduct in the Adsorptive Removal of Sulfur Compounds by New Nickel-Molybdenum Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 425-433.	1.8	24
26	Oxidative desulfurization using graphene and its composites for fuel containing thiophene and its derivatives: An update review. <i>Egyptian Journal of Petroleum</i> , 2018, 27, 715-730.	1.2	80
27	Molecular interaction of heterogeneous catalyst in catalytic cracking process of vegetable oils: chromatographic and biofuel performance investigation. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 36-45.	10.8	35
28	Production of aromatic hydrocarbons from catalytic pyrolysis of lignin over acid-activated bentonite clay. <i>Fuel Processing Technology</i> , 2017, 163, 1-7.	3.7	83
29	Direct synthesis of acetic acid by simultaneous co-activation of methane and CO ₂ over Cu-exchanged ZSM-5 catalysts. <i>Applied Catalysis B: Environmental</i> , 2017, 215, 50-59.	10.8	86
30	Sonocatalytic degradation of phenol catalyzed by nano-sized zero valent Cu and Ni. <i>Desalination and Water Treatment</i> , 2016, 57, 2104-2112.	1.0	6
31	Highly selective BTX from catalytic fast pyrolysis of lignin over supported mesoporous silica. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 278-293.	3.6	37
32	Preparation and characterization of chitosan-clay nanocomposites for the removal of Cu(II) from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 507-517.	3.6	92
33	Copper ions removal from aqueous solutions by novel Ca-Al-Zn layered double hydroxides. <i>Desalination and Water Treatment</i> , 2016, 57, 12632-12643.	1.0	18
34	Cr(VI) adsorption from aqueous solutions onto Mg-Zn-Al LDH and its corresponding oxide. <i>Desalination and Water Treatment</i> , 2016, 57, 20377-20387.	1.0	35
35	Greener routes for recycling of polyethylene terephthalate. <i>Egyptian Journal of Petroleum</i> , 2016, 25, 53-64.	1.2	323
36	Phenol degradation by advanced Fenton process in combination with ultrasonic irradiation. <i>Egyptian Journal of Petroleum</i> , 2015, 24, 13-18.	1.2	24

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37	Cu- and Zn-acetate-containing ionic liquids as catalysts for the glycolysis of poly(ethylene) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	2.7	96
38	Selective nano alumina supported vanadium oxide catalysts for oxidative dehydrogenation of ethylbenzene to styrene using CO2 as soft oxidant. Egyptian Journal of Petroleum, 2013, 22, 373-380.	1.2	27