

Yasser M A Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

595
citations

623734

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642732

23
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docs citations

35
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocoating of microbial fuel cell electrodes for enhancing bioelectricity generation from wastewater. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 847-858.	4.6	5
2	Implementation of graphitic carbon nitride nanomaterials and laser irradiation for increasing bioethanol production from potato processing wastes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 34887-34897.	5.3	9
3	Innovation of high-performance adsorbent based on modified gelatin for wastewater treatment. <i>Polymer Bulletin</i> , 2022, 79, 11217-11233.	3.3	10
4	Antifungal activity of photo-biosynthesized silver nanoparticles (AgNPs) from organic constituents in orange peel extract against phytopathogenic <i>Macrophomina phaseolina</i> . <i>European Journal of Plant Pathology</i> , 2022, 162, 725-738.	1.7	17
5	Challenges surrounding nanosheets and their application to solar-driven photocatalytic water treatment. <i>Materials Advances</i> , 2022, 3, 4103-4131.	5.4	5
6	Photocatalytic N ₂ fixation using chalcogenide-based nanomaterials. , 2021, , 285-294.		1
7	Highly selective visible-light-triggered CO ₂ fixation to cyclic carbonates under mild conditions using TiO ₂ /multiwall carbon nanotubes (MWCNT) grafted with Pt or Pd nanoparticles. <i>New Journal of Chemistry</i> , 2021, 45, 17301-17312.	2.8	12
8	Chalcogenide-based nanomaterials as photocatalysts for water splitting and hydrogen production. , 2021, , 173-183.		8
9	An Overview of Recent Development in Visible Light-mediated Organic Synthesis over Heterogeneous Photo-nanocatalysts. <i>Current Organic Synthesis</i> , 2021, 18, 23-36.	1.3	6
10	Mitigating effect of single or combined administration of nanoparticles of zinc oxide, chromium oxide, and selenium on genotoxicity and metabolic insult in fructose/streptozotocin diabetic rat model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48517-48534.	5.3	13
11	A Review of the Use of Semiconductors as Catalysts in the Photocatalytic Inactivation of Microorganisms. <i>Catalysts</i> , 2021, 11, 1498.	3.5	26
12	The significance of nano-shapes in nanoparticle-enhanced laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2982-2989.	3.0	19
13	Ag doped ZnO nanorods catalyzed photo-triggered synthesis of some novel (1H-tetrazol-5-yl)-coumarin hybrids. <i>Journal of Organometallic Chemistry</i> , 2020, 919, 121320.	1.8	24
14	The influence of ultrasonic irradiation on catalytic performance of ZnO nanoparticles toward the synthesis of chiral 1-substituted-1H-tetrazole derivatives from amino acid ethyl esters. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5758.	3.5	21
15	Photocatalytic oxidation of nitrogen oxides (NO _x) using Ag- and Pt-doped TiO ₂ nanoparticles under visible light irradiation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35828-35836.	5.3	28
16	Insight on Ameliorative Role of Selenium Nanoparticles and Niacin in Wound Healing on Adult Female Albino Mice. <i>Current Chemical Biology</i> , 2020, 14, 169-186.	0.5	1
17	Morin ameliorates the testicular apoptosis, oxidative stress, and impact on blood-testis barrier induced by photo-extracellularly synthesized silver nanoparticles. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28749-28762.	5.3	54
18	Convenient stereoselective synthesis of some 3-aminosteroid scaffolds. <i>Synthetic Communications</i> , 2019, 49, 1159-1164.	2.1	2

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19	Silicon-grafted Ag/AgX/rGO nanomaterials (X = Cl or Br) as diphotocatalysts for highly efficient nitrophenol reduction and paracetamol production. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4757.	3.5	31
20	Practical synthesis of silyl-protected and functionalized propargylamines using nanostructured Ag/TiO ₂ and Pt/TiO ₂ as active recyclable catalysts. <i>Chemical Papers</i> , 2019, 73, 435-445.	2.2	12
21	One-step synthesis of photoluminescent catalytic gold nanoclusters using organoselenium compounds. <i>New Journal of Chemistry</i> , 2018, 42, 9606-9611.	2.8	16
22	Photoinduced one-pot synthesis of hydroxamic acids from aldehydes through in-situ generated silver nanoclusters. <i>Research on Chemical Intermediates</i> , 2018, 44, 7173-7186.	2.7	11
23	Synthesis, antibacterial evaluation, and docking studies of azaisoflavone analogues generated by palladium-catalyzed cross coupling. <i>Monatshefte für Chemie</i> , 2018, 149, 1857-1864.	1.8	8
24	Low-cost synthesis of titanium dioxide anatase nanoclusters as advanced materials for hydrogen photoproduction. <i>Research on Chemical Intermediates</i> , 2017, 43, 4051-4062.	2.7	14
25	Facile production of vitamin B3 and other heterocyclic carboxylic acids using an efficient Ag/ZnO/graphene-Si hybrid nanocatalyst. <i>Research on Chemical Intermediates</i> , 2017, 43, 203-218.	2.7	19
26	Photo-extracellular synthesis of gold nanoparticles using Baker's yeast and their anticancer evaluation against Ehrlich ascites carcinoma cells. <i>New Journal of Chemistry</i> , 2016, 40, 9395-9402.	2.8	14
27	Ag/ZnO/graphene-tert-butyltrimethylsilyl chloride hybrid nanocomposite as highly efficient catalyst for hydrogen production. <i>Materials Express</i> , 2016, 6, 211-219.	0.5	22
28	Novel Thymohydroquinone Derivatives as Potential Anticancer Agents: Design, Synthesis, and Biological Screening. <i>Australian Journal of Chemistry</i> , 2016, 69, 1277.	0.9	6
29	Gold nanorod synthesis catalysed by Au clusters. <i>Faraday Discussions</i> , 2016, 191, 205-213.	3.2	14
30	Photobiosynthesis of metal/graphene nanocomposites: new materials for water desalination and purification. <i>Desalination and Water Treatment</i> , 2016, 57, 26014-26021.	1.0	14
31	Photostability of gold nanoparticles with different shapes: the role of Ag clusters. <i>Nanoscale</i> , 2015, 7, 11273-11279.	5.6	53
32	Structure-Directing and High-Efficiency Photocatalytic Hydrogen Production by Ag Clusters. <i>Journal of the American Chemical Society</i> , 2014, 136, 1182-1185.	13.7	64
33	Polyunsaturated fatty acid-derived chromones exhibiting potent antioxidant activity. <i>Chemistry and Physics of Lipids</i> , 2013, 170-171, 41-45.	3.2	20
34	Synthesis of mycalazol and mycalazol analogs with potent antiproliferating activities. <i>Pure and Applied Chemistry</i> , 2011, 83, 489-493.	1.9	11
35	Nano Ag/AgCl wires-photocatalyzed hydrogen production and transfer hydrogenation of Knoevenagel-type products. <i>New Journal of Chemistry</i> , 0, , .	2.8	5