

L M Al-Harbi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

535
citations

623734

14
h-index

713466

21
g-index

40
all docs

40
docs citations

40
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of a graphene oxide/ $ZnFe_2O_4$ /polyaniline nanocomposite and its structural and electrochemical characterization for supercapacitor application. International Journal of Energy Research, 2022, 46, 2438-2445.	4.5	16
2	Polymeric Nanocomposites for Environmental and Industrial Applications. International Journal of Molecular Sciences, 2022, 23, 1023.	4.1	62
3	Impact of Charge Transfer Complex on the Dielectric Relaxation Processes in Poly(methyl Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 387 Td (A	3.8	9
4	Preparation, Characterization, and Electrochemical Performance of the Hematite/Oxidized Multi-Walled Carbon Nanotubes Nanocomposite. Molecules, 2022, 27, 2708.	3.8	3
5	Spectroscopic and Physicochemical Studies on 1,2,4-Triazine Derivative. Coatings, 2022, 12, 714.	2.6	2
6	Functionalized iron oxide nanoparticles: synthesis through ultrasonic-assisted co-precipitation and performance as hyperthermic agents for biomedical applications. Heliyon, 2022, 8, e09654.	3.2	17
7	Synthesis of magnetite nanoparticles coated with polyvinyl alcohol for hyperthermia application. Journal of Thermal Analysis and Calorimetry, 2022, 147, 11921-11930.	3.6	16
8	Experimental and theoretical investigation to improvement biodiesel production using green catalyst based on cellulose derivatives. Materials Express, 2021, 11, 142-151.	0.5	1
9	Structural, diffuse reflectance spectroscopy and dielectric relaxation properties of zirconium (IV) dioxide. Journal of Materials Research and Technology, 2021, 12, 1194-1202.	5.8	5
10	Structural and Spectroscopic Characteristics of NiII and CuII Complexes with Poly (Vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (A 2021, 11, 1244.	2.2	2
11	The Influence of Self-Heating Iron on the Thermal, Mechanical, and Swelling Properties of PDMS Composites for Organic Solvents Removal. Polymers, 2021, 13, 4231.	4.5	2
12	Core/shell PA6 @ Fe ₃ O ₄ nanofibers: Magnetic and shielding behavior. Journal of Dispersion Science and Technology, 2020, 41, 1711-1719.	2.4	18
13	Novel coumarin amino acid derivatives: Design, synthesis, docking, absorption, distribution, metabolism, elimination, toxicity (ADMET), quantitative structure-activity relationship (QSAR) and anticancer studies. Materials Express, 2020, 10, 1375-1394.	0.5	8
14	Naproxenylamino acid derivatives: Design, synthesis, docking, QSAR and anti-inflammatory and analgesic activity. Biomedicine and Pharmacotherapy, 2019, 116, 109024.	5.6	11
15	<p>Synthesis, comparative docking, and pharmacological activity of naproxen amino acid derivatives as possible anti-inflammatory and analgesic agents<p>. Drug Design, Development and Therapy, 2019, Volume 13, 1773-1790.	4.3	30
16	Synthesis, molecular properties and comparative docking and QSAR of new 2-(7-hydroxy-2-oxo-2H-chromen-4-yl)acetic acid derivatives as possible anticancer agents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 248-262.	3.9	26
17	Copper(II) oxide nanocatalyst preparation and characterization: green chemistry route. Bulletin of the National Research Centre, 2018, 42, .	1.8	7
18	Inspired Preparation of Zinc Oxide Nanocatalyst and the Photocatalytic Activity in the Treatment of Methyl Orange Dye and Paraquat Herbicide. International Journal of Photoenergy, 2018, 2018, 1-7.	2.5	17

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19	Controlled Preparation of Thermally Stable Fe-Poly(dimethylsiloxane) Composite by Magnetic Induction Heating. <i>Polymers</i> , 2018, 10, 507.	4.5	14
20	Direct Hydroxylation of Benzene Over Cu-Exchanged Hydroxy-Sodalite. <i>Egyptian Journal of Chemistry</i> , 2018, 61, 280-290.	0.2	1
21	Extracellular bio-synthesis of silver nanoparticles. <i>Arabian Journal of Chemistry</i> , 2017, 10, 226-231.	4.9	18
22	Impact of Block Length and Temperature over Self-Assembling Behavior of Block Copolymers. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-7.	2.7	7
23	Adsorption of Polyvinylpyrrolidone over the Silica Surface: As Affected by Pretreatment of Adsorbent and Molar Mass of Polymer Adsorbate. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-9.	2.7	20
24	New Surface Aspects towards Photocatalytic Activity of Doped Supported Titanium Dioxide. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-9.	2.5	1
25	On the contributions of different micromechanisms for enhancement in the strength of TiAl ₄ V alloy upon B addition: A nanomechanical analysis. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 649, 123-127.	5.6	13
26	The Photocatalytic Activity of TiO ₂ -Zeolite Composite for Degradation of Dye Using Synthetic UV and Jeddah Sunlight. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-6.	2.7	16
27	Anisotropy in the mechanical properties of organic crystals: temperature dependence. <i>RSC Advances</i> , 2015, 5, 64156-64162.	3.6	27
28	Design, synthesis and characterization of indole based anion sensing receptors. <i>New Journal of Chemistry</i> , 2015, 39, 3936-3947.	2.8	38
29	Synthesis, spectroscopic (UV-vis and GIAO NMR), crystallographic and theoretical studies of triazine heterocyclic derivatives. <i>Journal of Molecular Structure</i> , 2015, 1096, 29-37.	3.6	7
30	Temperature Dependence of Mechanical Properties in Molecular Crystals. <i>Crystal Growth and Design</i> , 2015, 15, 2474-2479.	3.0	22
31	Anion induced azo-hydrazone tautomerism for the selective colorimetric sensing of fluoride ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 798-805.	3.9	41
32	Computational studies of molecular charge transfer complexes of heterocyclic 4-methylepyridine-2-azomethine-p-benzene derivatives with picric acid and m-dinitrobenzene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 25-31.	3.9	12
33	Anhydrates and/or hydrates in nitrate, sulphate and phosphate salts of 4-aminopyridine, (4-AP) and 3,4-diaminopyridine (3,4-DAP): the role of the water molecules in the hydrates. <i>CrystEngComm</i> , 2014, 16, 2205.	2.6	12
34	Chemical Treatment, Characterization and Electrical Properties of Utilization Biowaste Hydroxyapatite Nanocrystalline. <i>Oriental Journal of Chemistry</i> , 2013, 29, 113-120.	0.3	4
35	Thermal Decomposition of Some Cardiovascular Drugs (Telmisartane, Cilazapril and Terazosin HCL). <i>American Journal of Analytical Chemistry</i> , 2013, 04, 337-342.	0.9	4
36	Non-Isothermal Degradation and Kinetics Studies of Some Quinaldine Azo Dye Complexes. <i>American Journal of Analytical Chemistry</i> , 2013, 04, 427-431.	0.9	4

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37	Characterization and thermal kinetic studies on charge-transfer complexes of 4,4'-bipyridine with benzoquinone derivatives. Journal of Analytical and Applied Pyrolysis, 2012, 94, 108-113.	5.5	5
38	Growth of Zinc Oxide (ZnO) Nanorods and Their Optical Properties. Modern Applied Science, 2011, 5, .	0.6	8
39	TiO ₂ Nanoparticles with Tetra-pad Shape Prepared by an Economical and Safe Route at very Low Temperature. Modern Applied Science, 2011, 5, .	0.6	7
40	Self-heating properties of iron oxide nanoparticles prepared at room temperature via ultrasonic-assisted co-precipitation process. Soft Materials, 0, , 1-10.	1.7	2