

Islam H El Azab

List of Publications by Year in descending order

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papers

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687363

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491
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#	ARTICLE	IF	CITATIONS
1	Flexible polystyrene/graphene composites with epsilon-near-zero properties. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1054-1066.	21.1	169
2	Microwave-Assisted Synthesis of Novel 2H-Chromene Derivatives Bearing Phenylthiazolidinones and Their Biological Activity Assessment. <i>Molecules</i> , 2014, 19, 19648-19664.	3.8	34
3	New 1,2,3-Triazole-Containing Hybrids as Antitumor Candidates: Design, Click Reaction Synthesis, DFT Calculations, and Molecular Docking Study. <i>Molecules</i> , 2021, 26, 708.	3.8	26
4	Novel N-bridged pyrazole-1-carbothioamides with potential antiproliferative activity: design, synthesis, in vitro and in silico studies. <i>Future Medicinal Chemistry</i> , 2021, 13, 1743-1766.	2.3	26
5	Synthesis and reactivity of enaminone of naphtho[b]1,4-oxazine: One pot synthesis of novel isolated and heterocycle-fused derivatives with antimicrobial and antifungal activities. <i>Russian Journal of Bioorganic Chemistry</i> , 2015, 41, 421-436.	1.0	24
6	Adsorption behavior and corrosion inhibitive characteristics of newly synthesized cyano-benzylidene xanthenes on copper/sodium hydroxide interface: Electrochemical, X-ray photoelectron spectroscopy and theoretical studies. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 108-125.	9.4	24
7	Synthesis and characterization of 2,5-furandicarboxylic acid poly(butanediol sebacate-butanediol) terephthalate (PBSeT) segment copolyesters with excellent water vapor barrier and good mechanical properties. <i>Journal of Materials Science</i> , 2022, 57, 10997-11012.	3.7	22
8	Facile and simple synthesis of some new polyfunctionally heterocyclic derivatives incorporating 2-aminochromene moiety. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 135-148.	2.6	21
9	Synthesis of Some New Benzo[b][1,4]diazepine Based Heterocycles. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, E178.	2.6	21
10	The Ameliorative Role of Acacia senegal Gum against the Oxidative Stress and Genotoxicity Induced by the Radiographic Contrast Medium (Ioxitalamate) in Albino Rats. <i>Antioxidants</i> , 2021, 10, 221.	5.1	19
11	Growth Response of Ginger (<i>Zingiber officinale</i>), Its Physiological Properties and Soil Enzyme Activities after Biochar Application under Greenhouse Conditions. <i>Horticulturae</i> , 2021, 7, 250.	2.8	17
12	Design and Synthesis of Some New Quinoxaline-Based Heterocycles. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 65-76.	2.6	16
13	Design, Synthesis, and Antimicrobial Evaluation of New Annelated Pyrimido[2,1-c][1,2,4]triazolo[3,4-f][1,2,4]triazines. <i>Molecules</i> , 2020, 25, 1339.	3.8	16
14	Impact of Starch Coating Embedded with Silver Nanoparticles on Strawberry Storage Time. <i>Polymers</i> , 2022, 14, 1439.	4.5	16
15	Facile One-Pot Multicomponent Synthesis of Pyrazolo-Thiazole Substituted Pyridines with Potential Anti-Proliferative Activity: Synthesis, In Vitro and In Silico Studies. <i>Molecules</i> , 2021, 26, 3103.	3.8	14
16	Interactive Impact of Biochar and Arbuscular Mycorrhizal on Root Morphology, Physiological Properties of Fenugreek (<i>Trigonella foenum-graecum</i> L.) and Soil Enzymatic Activities. <i>Agronomy</i> , 2021, 11, 2341.	3.0	14
17	Enhanced Antioxidant and Cytotoxic Potentials of Lipopolysaccharides-Injected <i>Musca domestica</i> Larvae. <i>Pharmaceutics</i> , 2020, 12, 1111.	4.5	13
18	Evaluate the Toxicity of Pyrethroid Insecticide Cypermethrin before and after Biodegradation by <i>Lysinibacillus cresolivorans</i> Strain HIS7. <i>Plants</i> , 2021, 10, 1903.	3.5	13

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19	Synthesis, characterization, DFT-TDDFT calculations and optical properties of a novel pyrazole-1,2,3-triazole hybrid thin film. <i>Optik</i> , 2021, 247, 167971.	2.9	13
20	Synthesis of New Azole and Azine Systems Based on Chromeno[3,4-c]pyrrole-3,4-dione and Investigation of Their Cytotoxic Activity. <i>Heterocycles</i> , 2017, 94, 1456.	0.7	13
21	Reactivity of β -enamino ester of benzo[f]chromene: One pot synthesis of isolated and heterocycle-fused derivatives of benzo[f] chromene. <i>European Journal of Chemistry</i> , 2012, 3, 81-86.	0.6	13
22	Synthesis of Fused Isolated Azoles and <i>N</i> -Heteroaryl Derivatives Based on 2-Methyl-3,4-dihydrothieno[3,4-d]pyrimidin-5-amine. <i>Synthetic Communications</i> , 2014, 44, 2692-2714.	2.1	12
23	One-pot three-component microwave-assisted synthesis of novel thiazolidinone derivatives containing thieno[d]pyrimidine-4-one moiety as potential antimicrobial agents. <i>Russian Journal of Bioorganic Chemistry</i> , 2015, 41, 315-323.	1.0	12
24	An Efficient Route for Synthesis and Reactions of Seleno-[2, 3-c]coumarin. <i>Heterocycles</i> , 2016, 92, 1054.	0.7	12
25	4-Chlorothiazole-5-carbaldehydes as Potent Precursors for Synthesis of Some New Pendant <i>N</i> -heterocycles Endowed with Anti-Tumor Activity. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 281-295.	2.6	12
26	Convenient Synthesis of Novel Nitrogen Bridgehead Heterocycles Utilizing 3-Mercapto- <i>H</i> -[1,2,4,5]oxatriazino[3,2- <i>a</i>]isoindol-6-one as a New Synthone. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2.6 60-72.	2.6	11
27	Pyrazole-1-carbothioamide as a Potent Precursor for Synthesis of Some New <i>N</i> -heterocycles of Potential Biological Activity. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 18-31.	2.6	11
28	Synthesis, Characterization, and Pharmacological Evaluation of Some New Pteridine-Based Heterocycles as Antimicrobial Agents. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1352-1361.	2.6	10
29	Base-catalyzed oxidation of sugarcane molasses by potassium ferricyanide in alkaline solutions. <i>International Journal of Chemical Kinetics</i> , 2021, 53, 1101-1112.	1.6	10
30	Iron-Zinc Co-Doped Titania Nanocomposite: Photocatalytic and Photobiocidal Potential in Combination with Molecular Docking Studies. <i>Catalysts</i> , 2021, 11, 1112.	3.5	10
31	Synthesis and in vitro Anti-tumor Activity of Some New Sebacoyl Chloride Based Heterocycles. <i>Current Organic Synthesis</i> , 2017, 14, 309-320.	1.3	10
32	Synthesis of Some New Isoindoline-1,3-dione Based Heterocycles. <i>Heterocycles</i> , 2015, 91, 287.	0.7	9
33	Thiosemicarbazides, Potent Reagents for Synthesis of Some New 1,4-Diphenylbenzo[g]quinoxaline-5,10-dione Based Heterocycles. <i>Heterocycles</i> , 2016, 92, 1833.	0.7	8
34	Synthesis, antimicrobial and photoelectric potency of new ferrocene-based congeners. <i>Monatshefte für Chemie</i> , 2018, 149, 505-517.	1.8	8
35	Combined experimental and TDDFT computations for the structural and optical properties for poly (ortho phenylene diamine) thin film with different surfactants. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5489-5503.	2.2	8
36	Physiological Performance of Rabbits Administered Buffalo Milk Yogurts Enriched with Whey Protein Concentrate, Calcium Caseinate or <i>Spirulina platensis</i> . <i>Foods</i> , 2021, 10, 2493.	4.3	8

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37	A Simple and Convenient Synthesis of Isolated-Fused Heterocycles Based on: 2-Imino- <i>N</i> -phenyl-2 <i>H</i> -chromene-3-carboxamide. Open Journal of Synthesis Theory and Applications, 2012, 01, 44-57.	1.3	7
38	Synthesis and Pharmacological Evaluation of Some New Chromeno[3,4- <i>c</i>]pyrrole-3,4-dione based Heterocycles as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2017, 54, 1404-1414.	2.6	7
39	An Efficient Synthetic Approach Towards Benzo[<i>b</i>]pyrano[2,3- <i>e</i>][1,4]diazepines, and Their Cytotoxic Activity. Molecules, 2020, 25, 2051.	3.8	7
40	Ruthenium Nanoparticles Intercalated in Montmorillonite (nano-Ru@MMT) Is Highly Efficient Catalyst for the Selective Hydrogenation of 2-Furaldehyde in Benign Aqueous Medium. Catalysts, 2021, 11, 66.	3.5	6
41	Investigation of solid state architectures in tetrazolyl tryptophol stabilized by crucial aromatic interactions and hydrogen bonding: Experimental and theoretical analysis. Journal of Molecular Structure, 2022, 1262, 133079.	3.6	6
42	Syntheses of Enaminone-Based Heterocyclic Compounds and Study their Biological Activity. Oriental Journal of Chemistry, 2016, 32, 2435-2449.	0.3	5
43	Synthesis, structure characterization, and anticancer activity of a novel oxygen-bridged tricyclic Biginelli adduct. Journal of Molecular Structure, 2017, 1137, 714-719.	3.6	5
44	Thiochromene candidates: design, synthesis, antimicrobial potential and in silico docking study. Journal of the Iranian Chemical Society, 2022, 19, 1413-1423.	2.2	5
45	Composition of Zingiber officinale Roscoe (Ginger), Soil Properties and Soil Enzyme Activities Grown in Different Concentration of Mineral Fertilizers. Horticulturae, 2022, 8, 43.	2.8	3
46	Design, Synthesis, and <i>In Silico</i> Molecular Docking Study of Some Novel Thiochromene Derivatives with Antimicrobial Potential. Polycyclic Aromatic Compounds, 2022, 42, 6760-6779.	2.6	2
47	Facile ultrasonic aided green reduction of graphene oxide by Doum palm fruit. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 951-957.	2.1	2