Islam H El Azab

List of Publications by Year
in descending order

47 papers	751 citations	687363 13 h-index	610901 24 g-index
53 all docs	53 docs citations	53 times ranked	491 citing authors

#	Article	IF	Citations
1	Thiochromene candidates: design, synthesis, antimicrobial potential and in silico docking study. Journal of the Iranian Chemical Society, 2022, 19, 1413-1423.	2.2	5
2	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
3	Design, Synthesis, andIn SilicoMolecular Docking Study of Some Novel Thiochromene Derivatives with Antimicrobial Potential. Polycyclic Aromatic Compounds, 2022, 42, 6760-6779.	2.6	2
4	Facile ultrasonic aided green reduction of graphene oxide by Doum palm fruit. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 951-957.	2.1	2
5	Impact of Starch Coating Embedded with Silver Nanoparticles on Strawberry Storage Time. Polymers, 2022, 14, 1439.	4.5	16
6	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
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. Journal of Materials Science, 2022, 57, 10997-11012.	3.7	22
8	Flexible polystyrene/graphene composites with epsilon-near-zero properties. Advanced Composites and Hybrid Materials, 2022, 5, 1054-1066.	21.1	169
9	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
10	New 1,2,3-Triazole-Containing Hybrids as Antitumor Candidates: Design, Click Reaction Synthesis, DFT Calculations, and Molecular Docking Study. Molecules, 2021, 26, 708.	3.8	26
11	The Ameliorative Role of Acacia senegal Gum against the Oxidative Stress and Genotoxicity Induced by the Radiographic Contrast Medium (Ioxitalamate) in Albino Rats. Antioxidants, 2021, 10, 221.	5.1	19
12	Facile One-Pot Multicomponent Synthesis of Pyrazolo-Thiazole Substituted Pyridines with Potential Anti-Proliferative Activity: Synthesis, In Vitro and In Silico Studies. Molecules, 2021, 26, 3103.	3.8	14
13	Baseâ€catalyzed oxidation of sugarcane molasses by potassium ferricyanide in alkaline solutions. International Journal of Chemical Kinetics, 2021, 53, 1101-1112.	1.6	10
14	NovelN-bridged pyrazole-1-carbothioamides with potential antiproliferative activity: design, synthesis,in vitroandin silicostudies. Future Medicinal Chemistry, 2021, 13, 1743-1766.	2.3	26
15	Growth Response of Ginger (Zingiber officinale), Its Physiological Properties and Soil Enzyme Activities after Biochar Application under Greenhouse Conditions. Horticulturae, 2021, 7, 250.	2.8	17
16	Evaluate the Toxicity of Pyrethroid Insecticide Cypermethrin before and after Biodegradation by Lysinibacillus cresolivuorans Strain HIS7. Plants, 2021, 10, 1903.	3.5	13
17	Iron-Zinc Co-Doped Titania Nanocomposite: Photocatalytic and Photobiocidal Potential in Combination with Molecular Docking Studies. Catalysts, 2021, 11, 1112.	3.5	10
18	Synthesis, characterization, DFT-TDDFT calculations and optical properties of a novel pyrazole-1,2,3-triazole hybrid thin film. Optik, 2021, 247, 167971.	2.9	13

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19	Combined experimental and TDDFT computations for the structural and optical properties for poly (ortho phenylene diamine) thin film with different surfactants. Journal of Materials Science: Materials in Electronics, 2021, 32, 5489-5503.	2.2	8
20	Physiological Performance of Rabbits Administered Buffalo Milk Yogurts Enriched with Whey Protein Concentrate, Calcium Caseinate or Spirulina platensis. Foods, 2021, 10, 2493.	4.3	8
21	Interactive Impact of Biochar and Arbuscular Mycorrhizal on Root Morphology, Physiological Properties of Fenugreek (Trigonella foenum-graecum L.) and Soil Enzymatic Activities. Agronomy, 2021, 11, 2341.	3.0	14
22	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. Journal of Colloid and Interface Science, 2020, 580, 108-125.	9.4	24
23	Enhanced Antioxidant and Cytotoxic Potentials of Lipopolysaccharides-Injected Musca domestica Larvae. Pharmaceutics, 2020, 12, 1111.	4.5	13
24	An Efficient Synthetic Approach Towards Benzo[b]pyrano[2,3-e][1,4]diazepines, and Their Cytotoxic Activity. Molecules, 2020, 25, 2051.	3.8	7
25	Design, Synthesis, and Antimicrobial Evaluation of New Annelated Pyrimido[2,1-c][1,2,4]triazolo[3,4-f][1,2,4]triazines. Molecules, 2020, 25, 1339.	3.8	16
26	Synthesis, Characterization, and Pharmacological Evaluation of Some New Pteridineâ€Based Heterocycles as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2019, 56, 1352-1361.	2.6	10
27	Convenient Synthesis of Novel Nitrogen Bridgehead Heterocycles Utilizing 3â€Mercaptoâ€6 H â€[1,2,4,5]oxatriazino[3,2â€a]isoindolâ€6â€one as a New Synthon. Journal of Heterocyclic Chemistry, 2019, 56, 60-72.	2.6	11
28	Pyrazoleâ€1â€carbothioamide as a Potent Precursor for Synthesis of Some New Nâ€heterocycles of Potential Biological Activity. Journal of Heterocyclic Chemistry, 2019, 56, 18-31.	2.6	11
29	4â€Chlorothiazoleâ€5â€carbaldehydes as Potent Precursors for Synthesis of Some New Pendant Nâ€heterocyces Endowed with Antiâ€Tumor Activity. Journal of Heterocyclic Chemistry, 2019, 56, 281-295.	2.6	12
30	Synthesis, antimicrobial and photoelectric potency of new ferrocene-based congeners. Monatshefte FÃ¼r Chemie, 2018, 149, 505-517.	1.8	8
31	Design and Synthesis of Some New Quinoxalineâ€Based Heterocycles. Journal of Heterocyclic Chemistry, 2018, 55, 65-76.	2.6	16
32	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
33	Synthesis and Pharmacological Evaluation of Some New Chromeno[3,4â€c]pyrroleâ€3,4â€dioneâ€based Nâ€Heterocycles as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2017, 54, 1404-1414.	2.6	7
34	Synthesis and in vitro Anti-tumor Activity of Some New Sebacoyl Chloride Based Heterocycles. Current Organic Synthesis, 2017, 14, 309-320.	1.3	10
35	Synthesis of New Azole and Azine Systems Based on Chromeno[3,4-c]pyrrole-3,4-dione and Investigation of Their Cytotoxic Activity. Heterocycles, 2017, 94, 1456.	0.7	13
36	Syntheses of Enaminone-Based Heterocyclic Compounds and Study their Biological Activity. Oriental Journal of Chemistry, 2016, 32, 2435-2449.	0.3	5

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37	Thiosemicarbazides, Potent Reagents for Synthesis of Some New 1,4-Diphenylbenzo[g]quinoxaline-5,10-dione Based Heterocycles. Heterocycles, 2016, 92, 1833.	0.7	8
38	An Efficient Route for Synthesis and Reactions of Seleno-[2, 3-c]coumarin. Heterocycles, 2016, 92, 1054.	0.7	12
39	One-pot three-component microwave-assisted synthesis of novel thiazolidinone derivatives containing thieno[d]pyrimidine-4-one moiety as potential antimicrobial agents. Russian Journal of Bioorganic Chemistry, 2015, 41, 315-323.	1.0	12
40	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. Russian Journal of Bioorganic Chemistry, 2015, 41, 421-436.	1.0	24
41	Synthesis of Some New Isoindoline-1,3-dione Based Heterocycles. Heterocycles, 2015, 91, 287.	0.7	9
42	Microwave-Assisted Synthesis of Novel 2H-Chromene Derivatives Bearing Phenylthiazolidinones and Their Biological Activity Assessment. Molecules, 2014, 19, 19648-19664.	3.8	34
43	Synthesis of Fused Isolated Azoles and N-Heteroaryl Derivatives Based on 2-Methyl-3,4-dihydrothieno[3,4-d]pyrimidin-5-amine. Synthetic Communications, 2014, 44, 2692-2714.	2.1	12
44	Synthesis of Some New Benzo[b][1,4]diazepine Based Heterocycles. Journal of Heterocyclic Chemistry, 2013, 50, E178.	2.6	21
45	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
46	Facile and simple synthesis of some new polyfunctionally heterocyclic derivatives incorporating 2â€iminoâ€2Hâ€chromene moiety. Journal of Heterocyclic Chemistry, 2012, 49, 135-148.	2.6	21
47	Reactivity of Î²-enamino ester of benzo[f]chromene: One pot synthesis of isolated and heterocycle-fused derivatives of benzo[f] chromene. European Journal of Chemistry, 2012, 3, 81-86.	0.6	13