Mahmoud M Elaasser

List of Publications by Year
in descending order

44	1,731	279701 23	276775 41
papers	citations	h-index	g-index

45	45	45	1793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Anticancer Activities of Thiazoles, 1,3-Thiazines, and Thiazolidine Using Chitosan-Grafted-Poly(vinylpyridine) as Basic Catalyst. Heterocycles, 2015, 91, 1227.	0.4	232
2	Novel 4/3-((4-oxo-5-(2-oxoindolin-3-ylidene)thiazolidin-2-ylidene)amino) benzenesulfonamides: Synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular modelling studies. European Journal of Medicinal Chemistry, 2017, 139, 250-262.	2.6	110
3	Isatin-pyrazole benzenesulfonamide hybrids potently inhibit tumor-associated carbonic anhydrase isoforms IX and XII. European Journal of Medicinal Chemistry, 2015, 103, 583-593.	2.6	92
4	Synthesis and anticancer activity of arylazothiazoles and 1,3,4-thiadiazoles using chitosan-grafted-poly(4-vinylpyridine) as a novel copolymer basic catalyst. Chemistry of Heterocyclic Compounds, 2015, 51, 1030-1038.	0.6	82
5	Design, synthesis and 2D QSAR study of novel pyridine and quinolone hydrazone derivatives as potential antimicrobial and antitubercular agents. European Journal of Medicinal Chemistry, 2017, 138, 698-714.	2.6	74
6	Biological evaluation of some new N -(2,6-dimethoxypyrimidinyl) thioureido benzenesulfonamide derivatives as potential antimicrobial and anticancer agents. European Journal of Medicinal Chemistry, 2016, 124, 299-310.	2.6	71
7	Improvement of antibacterial activity of some sulfa drugs through linkage to certain phthalazin-1(2H)-one scaffolds. European Journal of Medicinal Chemistry, 2014, 85, 480-486.	2.6	69
8	Novel indole-thiazolidinone conjugates: Design, synthesis and whole-cell phenotypic evaluation as a novel class of antimicrobial agents. European Journal of Medicinal Chemistry, 2018, 160, 49-60.	2.6	65
9	Novel [(3-indolylmethylene)hydrazono]indolin-2-ones as apoptotic anti-proliferative agents: design, synthesis andin vitrobiological evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 686-700.	2.5	63
10	Synthesis and biological evaluation of new pyridines containing imidazole moiety as antimicrobial and anticancer agents. Turkish Journal of Chemistry, 2015, 39, 334-346.	0.5	59
11	Thiazole-Based Thiosemicarbazones: Synthesis, Cytotoxicity Evaluation and Molecular Docking Study. Drug Design, Development and Therapy, 2021, Volume 15, 659-677.	2.0	55
12	Development of isatin-thiazolo[3,2-a]benzimidazole hybrids as novel CDK2 inhibitors with potent in vitro apoptotic anti-proliferative activity: Synthesis, biological and molecular dynamics investigations. Bioorganic Chemistry, 2021, 110, 104748.	2.0	50
13	Bis-isatin hydrazones with novel linkers: Synthesis and biological evaluation as cytotoxic agents. European Journal of Medicinal Chemistry, 2016, 108, 415-422.	2.6	49
14	3-Hydrazinoisatin-based benzenesulfonamides as novel carbonic anhydrase inhibitors endowed with anticancer activity: Synthesis, inÂvitro biological evaluation and in silico insights. European Journal of Medicinal Chemistry, 2019, 184, 111768.	2.6	49
15	Antimicrobial and anticancer activity of some novel fluorinated thiourea derivatives carrying sulfonamide moieties: synthesis, biological evaluation and molecular docking. Chemistry Central Journal, 2017, 11, 32.	2.6	48
16	Oneâ€Pot Synthesis of New Thiadiazolylâ€Pyridines as Anticancer and Antioxidant Agents. Journal of Heterocyclic Chemistry, 2018, 55, 530-536.	1.4	47
17	Novel [(N-alkyl-3-indolylmethylene)hydrazono]oxindoles arrest cell cycle and induce cell apoptosis by inhibiting CDK2 and Bcl-2: synthesis, biological evaluation and in silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1300-1309.	2.5	46
18	Novel Thiazolidinone/Thiazolo[3,2-a]Benzimidazolone-Isatin Conjugates as Apoptotic Anti-proliferative Agents Towards Breast Cancer: One-Pot Synthesis and In Vitro Biological Evaluation. Molecules, 2018, 23, 1420.	1.7	44

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19	Synthesis of Novel Chalcone-Based Phenothiazine Derivatives as Antioxidant and Anticancer Agents. Molecules, 2020, 25, 4566.	1.7	44
20	Discovery of 3,6-disubstituted pyridazines as a novel class of anticancer agents targeting cyclin-dependent kinase 2: synthesis, biological evaluation and in silico insights. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1616-1630.	2.5	42
21	Design, synthesis, molecular docking of new lipophilic acetamide derivatives affording potential anticancer and antimicrobial agents. Bioorganic Chemistry, 2018, 76, 332-342.	2.0	38
22	Anticancer activities, molecular docking and structureâ€“activity relationship of novel synthesized 4H-chromene, and 5H-chromeno[2,3-d]pyrimidine candidates. Medicinal Chemistry Research, 2017, 26, 2624-2638.	1.1	34
23	Synthesis and biological evaluation of novel fused triazolo[4,3-a] pyrimidinones. Turkish Journal of Chemistry, 2015, 39, 510-531.	0.5	28
24	Docking and Antiherpetic Activity of 2-Aminobenzo[de]-isoquinoline-1,3-diones. Molecules, 2015, 20, 5099-5111.	1.7	24
25	Design, synthesis, anticancer screening, docking studies andin silicoADME prediction of some Î²-carboline derivatives. Future Medicinal Chemistry, 2018, 10, 1159-1175.	1.1	17
26	New thiobarbituric acid scaffold-based small molecules: Synthesis, cytotoxicity, 2D-QSAR, pharmacophore modelling and in-silico ADME screening. European Journal of Pharmaceutical Sciences, 2019, 130, 124-136.	1.9	17
27	Synthesis and Biological Evaluation of Thiazolyl-Ethylidene Hydrazino-Thiazole Derivatives: A Novel Heterocyclic System. Applied Sciences (Switzerland), 2021, 11, 8908.	1.3	17
28	One-pot synthesis of spiro(indoline-3,4â€²-pyrazolo[3,4-b]pyridine)-5â€²-carbonitriles as p53-MDM2 interaction inhibitors. Future Medicinal Chemistry, 2018, 10, 2771-2789.	1.1	16
29	Synthesis, Molecular Docking and Pharmacological Study of Pyrimidothiadiazinones and its bis-derivatives. Letters in Drug Design and Discovery, 2017, 14, 434-443.	0.4	16
30	Synthesis and biological evaluation of 2-aminothiazole-thiazolidinone conjugates as potential antitubercular agents. Future Medicinal Chemistry, 2018, 10, 1405-1419.	1.1	15
31	Application of Mannich and Michael Reactions in Synthesis of Pyridopyrimido[2,1-b][1,3,5]thiadiazinones and Pyridopyrimido[2,1-b][1,3]thiazinones as Anticancer Agents. Heterocycles, 2016, 92, 688.	0.4	14
32	Synthesis of Pyridotriazolopyrimidines as Antitumor Agents. Journal of Heterocyclic Chemistry, 2017, 54, 1242-1251.	1.4	12
33	Synthesis, docking study and biological evaluation of some new thiourea derivatives bearing benzenesulfonamide moiety. Chemistry Central Journal, 2017, 11, 42.	2.6	12
34	Antimicrobial and anticancer evaluation of a novel synthetic tetracyclic system obtained by Dimroth rearrangement. Journal of the Serbian Chemical Society, 2015, 80, 1251-1264.	0.4	12
35	Natural inspired ligustrazine-based SLC-0111 analogues as novel carbonic anhydrase inhibitors. European Journal of Medicinal Chemistry, 2022, 228, 114008.	2.6	12
36	Synthesis and Biological Evaluation of Some Nâ€<scp>A</scp>rylpyrazoles and Pyrazolo[3,4â€d]pyridazines as Antiâ€<scp>I</scp>nflammatory Agents. Archiv Der Pharmazie, 2013, 346, 688-698.	2.1	10

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37	Synthesis and Characterisation of Some Novel Fused Thiazolo[3,2-A] Pyrimidinones and Pyrimido[2,1-B][1,3]Thiazinones. Journal of Chemical Research, 2015, 39, 719-723.	0.6	9
38	Antioxidant, anti-inflammatory and cytotoxic activities of the unsaponifiable fraction of extra virgin olive oil. Grasas Y Aceites, 2020, 71, 386.	0.3	9
39	Hydrazonoyl Chlorides in the Synthesis of Pyrazolo[5,1-c][1,2,4]Triazole Derivatives and Their Biological Activities. Journal of Chemical Research, 2016, 40, 467-470.	0.6	8
40	Microwave-Assisted One-Pot Three Component Synthesis of Some Thiazolyl(Hydrazonoethyl)Thiazoles as Potential Anti-Breast Cancer Agents. Polycyclic Aromatic Compounds, 2022, 42, 7232-7246.	1.4	6
41	Determination of Therapeutic and Safety Effects of Zygophyllum coccineum Extract in Induced Inflammation in Rats. BioMed Research International, 2022, 2022, 1-17.	0.9	6
42	Pyrazolo[5,1â€‹c][1,2,4]triazoles: Antimicrobial, Antitumor Activities, and Computational Docking Studies. Journal of Heterocyclic Chemistry, 2017, 54, 2859-2866.	1.4	5
43	Preliminary Study of Gastroprotective Effect of Aloe perryi and Date Palm Extracts on Pyloric Ligation-Induced Gastric Ulcer in Experimental Rats. BioMed Research International, 2022, 2022, 1-10.	0.9	3
44	Macroâ€•and nanoâ€•oligomers ternary metal complexes preparation, structural elucidation: Antimicrobial, anticancer activities, and mechanistic study of Cu nanocomplexes on liver carcinoma. Applied Organometallic Chemistry, 2021, 35, e6392.	1.7	0