Alaa A-M Abdel-Aziz

List of Publications by Year
in descending order

150 papers	4,588 citations	76326 40 h-index	123424 61 g-index
163 all docs	163 docs citations	163 times ranked	4179 citing authors

#	Article	IF	Citations
1	Design, synthesis and biological evaluation of novel quinazoline derivatives as potential antitumor agents: Molecular docking study. European Journal of Medicinal Chemistry, 2010, 45, 4188-4198.	5.5	207
2	Substituted quinazolines, part 3. Synthesis, in vitro antitumor activity and molecular modeling study of certain 2-thieno-4(3H)-quinazolinone analogsâ˜†. European Journal of Medicinal Chemistry, 2009, 44, 2379-2391.	5.5	175
3	Synthesis, dihydrofolate reductase inhibition, antitumor testing, and molecular modeling study of some new 4(3H)-quinazolinone analogs. Bioorganic and Medicinal Chemistry, 2006, 14, 8608-8621.	3.0	171
4	Design, synthesis, and biological evaluation of substituted hydrazone and pyrazole derivatives as selective COX-2 inhibitors: Molecular docking study. Bioorganic and Medicinal Chemistry, 2011, 19, 3416-3424.	3.0	140
5	Synthesis, biological evaluation and molecular modeling study of pyrazole and pyrazoline derivatives as selective COX-2 inhibitors and anti-inflammatory agents. Part 2. Bioorganic and Medicinal Chemistry, 2012, 20, 3306-3316.	3.0	133
6	Novel and versatile methodology for synthesis of cyclic imides and evaluation of their cytotoxic, DNA binding, apoptotic inducing activities and molecular modeling study. European Journal of Medicinal Chemistry, 2007, 42, 614-626.	5.5	130
7	Non-classical antifolates. Part 2: Synthesis, biological evaluation, and molecular modeling study of some new 2,6-substituted-quinazolin-4-ones. Bioorganic and Medicinal Chemistry, 2010, 18, 2849-2863.	3.0	121
8	Synthesis, antimicrobial activity and conformational analysis of novel substituted pyridines: BF3-promoted reaction of hydrazine with 2-alkoxy pyridines. Bioorganic and Medicinal Chemistry, 2004, 12, 1845-1852.	3.0	112
9	Synthesis, anti-inflammatory activity and COX-1/COX-2 inhibition of novel substituted cyclic imides. Part 1: Molecular docking study. European Journal of Medicinal Chemistry, 2011, 46, 1648-1655.	5.5	99
10	Structure-based design of phthalimide derivatives as potential cyclooxygenase-2 (COX-2) inhibitors: Anti-inflammatory and analgesic activities. European Journal of Medicinal Chemistry, 2015, 92, 115-123.	5.5	97
11	Synthesis, anti-inflammatory, analgesic, COX-1/2 inhibitory activities and molecular docking studies of substituted 2-mercapto-4(3H)-quinazolinones. European Journal of Medicinal Chemistry, 2016, 121, 410-421.	5.5	81
12	Synthesis and antitumor evaluation of trimethoxyanilides based on 4(3H)-quinazolinone scaffolds. European Journal of Medicinal Chemistry, 2016, 112, 106-113.	5.5	75
13	Design, synthesis of 2,3-disubstitued 4(3H)-quinazolinone derivatives as anti-inflammatory and analgesic agents: COX-1/2 inhibitory activities and molecular docking studies. Bioorganic and Medicinal Chemistry, 2016, 24, 3818-3828.	3.0	70
14	Synthesis, antimicrobial activity and molecular modeling of cobalt and nickel complexes containing the bulky ligand: bis[N-(2,6-diisopropylphenyl)imino] acenaphthene. European Journal of Medicinal Chemistry, 2005, 40, 1214-1221.	5.5	64
15	Synthesis, anti-inflammatory, analgesic, COX-1/2 inhibition activities and molecular docking study of pyrazoline derivatives. Bioorganic and Medicinal Chemistry, 2016, 24, 2032-2042.	3.0	63
16	Design, synthesis and biological evaluation of some novel substituted quinazolines as antitumor agents. European Journal of Medicinal Chemistry, 2014, 79, 446-454.	5.5	61
17	Design, synthesis and antibacterial activity of fluoroquinolones containing bulky arenesulfonyl fragment: 2D-QSAR and docking study. European Journal of Medicinal Chemistry, 2011, 46, 5487-5497.	5.5	59
18	Design, synthesis and biological evaluation of 2-mercapto-3-phenethylquinazoline bearing anilide fragments as potential antitumor agents: Molecular docking study. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3935-3941.	2.2	59

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19	Synthesis of coumarin-sulfonamide derivatives and determination of their cytotoxicity, carbonic anhydrase inhibitory and molecular docking studies. European Journal of Medicinal Chemistry, 2019, 183, 111702.	5.5	59
20	Synthesis, antitumor activity and molecular docking study of some novel 3-benzyl-4(3H)quinazolinone analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 78-89.	5.2	58
21	Molecular design, synthesis and biological evaluation of cyclic imides bearing benzenesulfonamide fragment as potential COX-2 inhibitors. Part 2. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2601-2605.	2.2	57
22	Synthesis and anti-inflammatory activity of sulfonamides and carboxylates incorporating trimellitimides: Dual cyclooxygenase/carbonic anhydrase inhibitory actions. Bioorganic Chemistry, 2019, 84, 260-268.	4.1	56
23	Synthesis and biological evaluation of 2-styrylquinolines as antitumour agents and EGFR kinase inhibitors: molecular docking study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 199-209.	5.2	55
24	Lewis acid-promoted transformation of 2-alkoxypyridines into 2-aminopyridines and their antibacterial activity. Part 2: Remarkably facile Câ€“N bond formation. Bioorganic and Medicinal Chemistry, 2005, 13, 4929-4935.	3.0	54
25	Synthesis and antitumor evaluation of novel cyclic arylsulfonylureas: ADME-T and pharmacophore prediction. European Journal of Medicinal Chemistry, 2010, 45, 2516-2530.	5.5	54
26	Synthesis of 4-(thiazol-2-ylamino)-benzenesulfonamides with carbonic anhydrase I, II and IX inhibitory activity and cytotoxic effects against breast cancer cell lines. Bioorganic and Medicinal Chemistry, 2016, 24, 3043-3051.	3.0	53
27	Oral colon targeted delivery systems for treatment of inflammatory bowel diseases: Synthesis, in vitro and in vivo assessment. International Journal of Pharmaceutics, 2008, 358, 248-255.	5.2	50
28	Synthesis and biological evaluation of some novel cyclic-imides as hypoglycaemic, anti-hyperlipidemic agents. European Journal of Medicinal Chemistry, 2011, 46, 4324-4329.	5.5	50
29	Synthesis, anti-inflammatory, analgesic and COX-1/2 inhibition activities of anilides based on 5,5-diphenylimidazolidine-2,4-dione scaffold: Molecular docking studies. European Journal of Medicinal Chemistry, 2016, 115, 121-131.	5.5	50
30	DFT and experimental (FT-IR and FT-Raman) investigation of vibrational spectroscopy and molecular docking studies of 2-(4-oxo-3-phenethyl-3,4-dihydroquinazolin-2-ylthio)-N-(3,4,5-trimethoxyphenyl) acetamide. Journal of Molecular Structure, 2016, 1113, 133-145.	3.6	49
31	Discovery of Benzenesulfonamides with Potent Human Carbonic Anhydrase Inhibitory and Effective Anticonvulsant Action: Design, Synthesis, and Pharmacological Assessment. Journal of Medicinal Chemistry, 2017, 60, 2456-2469.	6.4	49
32	Synthesis, biological activity and multiscale molecular modeling studies of bis-coumarins as selective carbonic anhydrase IX and XII inhibitors with effective cytotoxicity against hepatocellular carcinoma. Bioorganic Chemistry, 2019, 87, 838-850.	4.1	49
33	Carbonic anhydrase inhibitory activity of sulfonamides and carboxylic acids incorporating cyclic imide scaffolds. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5185-5189.	2.2	47
34	Synthesis and anti-inflammatory activity of novel (substituted)benzylidene acetone oxime ether derivatives: Molecular modeling study. European Journal of Medicinal Chemistry, 2010, 45, 1403-1414.	5.5	46
35	Synthesis and potential antitumor activity of 7-(4-substituted piperazin-1-yl)-4-oxoquinolines based on ciprofloxacin and norfloxacin scaffolds: in silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 796-809.	5.2	46
36	Design, synthesis, single-crystal and preliminary antitumor activity of novel arenesulfonylimidazolidin-2-ones. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2008-2014.	2.2	45

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37	Synthesis, antitumor and antimicrobial activity of some new 6-methyl-3-phenyl-4(3H)-quinazolinone analogues: in silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 721-735.	5.2	44
38	Synthesis of Novel Selenides Bearing Benzenesulfonamide Moieties as Carbonic Anhydrase I, II, IV, VII, and IX Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 1213-1217.	2.8	44
39	Synthesis and biological evaluation of novel 6-nitro-5-substituted aminoquinolines as local anesthetic and anti-arrhythmic agents: molecular modeling study. Bioorganic and Medicinal Chemistry, 2005, 13, 3175-3183.	3.0	42
40	Synthesis, anticancer and apoptosis-inducing activities of quinazolineâ€“isatin conjugates: epidermal growth factor receptor-tyrosine kinase assay and molecular docking studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 935-944.	5.2	41
41	Synthesis, cytotoxic evaluation, and molecular docking studies of novel quinazoline derivatives with benzenesulfonamide and anilide tails: Dual inhibitors of EGFR/HER2. Bioorganic Chemistry, 2020, 95, 103461.	4.1	41
42	Investigation of arenesulfonyl-2-imidazolidinones as potent carbonic anhydrase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 81-84.	5.2	40
43	Molecular structure, Hirshfeld surface analysis, spectroscopic (FT-IR, Laser-Raman, UVâ€“vis. and NMR), HOMO-LUMO and NBO investigations on N-(12-amino-9,10-dihydro-9,10-ethanoanthracen-11-yl)-4-methylbenzenesulfonamide. Journal of Molecular Structure, 2018, 1171, 696-705.	3.6	40
44	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. European Journal of Medicinal Chemistry, 2020, 200, 112439.	5.5	40
45	Design, synthesis and X-ray crystallography of selenides bearing benzenesulfonamide moiety with neuropathic pain modulating effects. European Journal of Medicinal Chemistry, 2018, 154, 210-219.	5.5	39
46	Discovery of new organoselenium compounds as antileishmanial agents. Bioorganic Chemistry, 2019, 86, 339-345.	4.1	39
47	Solvatochromism, DNA binding, antitumor activity and molecular modeling study of mixed-ligand copper(II) complexes containing the bulky ligand: Bis[N-(p-tolyl)imino]acenaphthene. European Journal of Medicinal Chemistry, 2007, 42, 1325-1333.	5.5	37
48	Structural alterations based on naproxen scaffold: Synthesis, evaluation of antitumor activity and COX-2 inhibition, and molecular docking. European Journal of Medicinal Chemistry, 2018, 158, 134-143.	5.5	37
49	Antitumor evaluation and molecular docking study of substituted 2-benzylidenebutane-1,3-dione, 2-hydrazonobutane-1,3-dione and trifluoromethyl-1H-pyrazole analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 679-687.	5.2	36
50	Synthesis of novel isoindoline-1,3-dione-based oximes and benzenesulfonamide hydrazones as selective inhibitors of the tumor-associated carbonic anhydrase IX. Bioorganic Chemistry, 2018, 80, 706-713.	4.1	36
51	Synthesis of benzensulfonamides linked to quinazoline scaffolds as novel carbonic anhydrase inhibitors. Bioorganic Chemistry, 2019, 87, 78-90.	4.1	36
52	Design, synthesis and biological evaluation of some novel substituted 2-mercapto-3-phenethylquinazolines as antitumor agents. Medicinal Chemistry Research, 2013, 22, 5566-5577.	2.4	35
53	Inhibition of carbonic anhydrase isoforms I, II, IV, VII and XII with carboxylates and sulfonamides incorporating phthalimide/phthalic anhydride scaffolds. Bioorganic and Medicinal Chemistry, 2016, 24, 20-25.	3.0	35
54	Synthesis and biological evaluation of cyclic imides incorporating benzenesulfonamide moieties as carbonic anhydrase I, II, IV and IX inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 1666-1671.	3.0	33

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55	Synthesis, anticancer, apoptosis-inducing activities and EGFR and VEGFR2 assay mechanistic studies of 5,5-diphenylimidazolidine-2,4-dione derivatives: Molecular docking studies. Saudi Pharmaceutical Journal, 2019, 27, 682-693.	2.7	33
56	Design, synthesis, and antitumor activity of novel compounds based on 1,2,4-triazolophthalazine scaffold: Apoptosis-inductive and PCAF-inhibitory effects. Bioorganic Chemistry, 2020, 101, 104019.	4.1	33
57	Design, synthesis, and carbonic anhydrase inhibition activity of benzenesulfonamide-linked novel pyrazoline derivatives. Bioorganic Chemistry, 2019, 87, 425-431.	4.1	31
58	Versatile chiral synthons for 1,2-diamines: (4S,5S)- and (4R,5R)-4,5-dimethoxy-2-imidazolidinones. Tetrahedron Letters, 2001, 42, 6353-6355.	1.4	30
59	Synthesis, in vitro antitumour activity, and molecular docking study of novel 2-substituted mercapto-3-(3,4,5-trimethoxybenzyl)-4(3H)-quinazolinone analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1229-1239.	5.2	30
60	Synthesis, antitumour and antioxidant activities of novel Î±,Î²-unsaturated ketones and related heterocyclic analogues: EGFR inhibition and molecular modelling study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 507-518.	5.2	30
61	Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides. European Journal of Medicinal Chemistry, 2021, 217, 113351.	5.5	30
62	Synthesis and anticonvulsant activity of some new thiazolo[3,2-a][1,3]diazepine, benzo[d]thiazolo[5,2-a][12,6]diazepine and benzo[d]oxazolo[5,2-a][12,6]diazepine analogues. European Journal of Medicinal Chemistry, 2011, 46, 5567-5572.	5.5	29
63	Synthesis, single-crystal, in vitro antitumor evaluation and molecular docking of 3-substitued 5,5-diphenylimidazolidine-2,4-dione derivatives. Medicinal Chemistry Research, 2013, 22, 6129-6142.	2.4	29
64	Synthesis, biological activity and multiscale molecular modeling studies for coumaryl-carboxamide derivatives as selective carbonic anhydrase IX inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1042-1052.	5.2	28
65	Synthesis, molecular modeling study, preliminary antibacterial, and antitumor evaluation of N-substituted naphthalimides and their structural analogues. Medicinal Chemistry Research, 2013, 22, 2360-2375.	2.4	27
66	Synthesis and human/bacterial carbonic anhydrase inhibition with a series of sulfonamides incorporating phthalimido moieties. Bioorganic and Medicinal Chemistry, 2017, 25, 2524-2529.	3.0	25
67	Synthesis, antitumour activities and molecular docking of thiocarboxylic acid ester-based NSAID scaffolds: COX-2 inhibition and mechanistic studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 989-998.	5.2	25
68	An unusual enhancement of chiral induction by chiral 2-imidazolidinone auxiliaries. Tetrahedron Letters, 2000, 41, 8533-8537.	1.4	23
69	Synthesis and antitumor evaluation of novel diarylsulfonylurea derivatives: Molecular modeling applications. European Journal of Medicinal Chemistry, 2010, 45, 689-697.	5.5	23
70	Design, synthesis and biological evaluation ofN-(5-methyl-isoxazol-3-yl/1,3,4-thiadiazol-2-yl)-4-(3-substitutedphenylureido) benzenesulfonamides as human carbonic anhydrase isoenzymes I, II, VII and XII inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 174-179.	5.2	23
71	Synthesis and carbonic anhydrase inhibition of polycyclic imides incorporating N-benzenesulfonamide moieties. Bioorganic and Medicinal Chemistry, 2017, 25, 5373-5379.	3.0	23
72	4-Substituted benzenesulfonamides featuring cyclic imides moieties exhibit potent and isoform-selective carbonic anhydrase II/IX inhibition. Bioorganic Chemistry, 2019, 83, 198-204.	4.1	23

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73	Chalcogenides-incorporating carbonic anhydrase inhibitors concomitantly reverted oxaliplatin-induced neuropathy and enhanced antiproliferative action. European Journal of Medicinal Chemistry, 2021, 225, 113793.	5.5	23
74	Acyl selenoureido benzensulfonamides show potent inhibitory activity against carbonic anhydrases from the pathogenic bacterium Vibrio cholerae. Bioorganic Chemistry, 2017, 75, 170-172.	4.1	21
75	S-substituted 2-mercaptoquinazolin-4(3H)-one and 4-ethylbenzensulfonamides act as potent and selective human carbonic anhydrase IX and XII inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 733-743.	5.2	20
76	Synthesis, spectroscopic analyses (FT-IR and NMR), vibrational study, chemical reactivity and molecular docking study and anti-tubercular activity of condensed oxadiazole and pyrazine derivatives. Journal of Molecular Structure, 2018, 1156, 657-674.	3.6	19
77	An Efficient Synthesis of Thioesters Via TFA-Catalyzed Reaction of Carboxylic Acid and Thiols: Remarkably Facile Câ€“S Bond Formation. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1046-1055.	1.6	18
78	FT-IR, FT-Raman and molecular docking study of ethyl 4-(2-(4-oxo-3-phenethyl-3,4-dihydroquinazolin-2-ylthio)acetamido)benzoate. Journal of Molecular Structure, 2016, 1111, 9-18.	3.6	17
79	Synergistic Anti Leukemia Effect of a Novel Hsp90 and a Pan Cyclin Dependent Kinase Inhibitors. Molecules, 2020, 25, 2220.	3.8	17
80	New ultra-short acting hypnotic: Synthesis, biological evaluation, and metabolic profile of ethyl 8-oxo-5,6,7,8-tetrahydro-thiazolo[3,2-a][1,3]diazepin-3-carboxylate (HIE-124). Bioorganic and Medicinal Chemistry Letters, 2008, 18, 72-77.	2.2	16
81	4â€[(1,â€‰3â€Dioxoisoindolinâ€2â€yl)methyl]benzenesulfonamide: Full Structural and Spectroscopic Characterization and Molecular Docking with Carbonic Anhydrase II. ChemistrySelect, 2018, 3, 10113-10124.	1.5	16
82	Synthesis of a new series of 3-functionalised-1-phenyl-1,2,3-triazole sulfamoylbenzamides as carbonic anhydrase I, II, IV and IX inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1199-1209.	5.2	16
83	Synthesis, anti-inflammatory, cytotoxic, and COX-1/2 inhibitory activities of cyclic imides bearing 3-benzenesulfonamide, oxime, and Î²-phenylalanine scaffolds: a molecular docking study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 610-621.	5.2	16
84	Synthesis, potential antitumor activity, cell cycle analysis, and multitarget mechanisms of novel hydrazones incorporating a 4-methylsulfonylbenzene scaffold: a molecular docking study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1520-1538.	5.2	16
85	Tadalafil. Profiles of Drug Substances, Excipients and Related Methodology, 2011, 36, 287-329.	8.0	15
86	Synthesis and comparative carbonic anhydrase inhibition of new Schiffâ€™s bases incorporating benzenesulfonamide, methanesulfonamide, and methylsulfonylbenzene scaffolds. Bioorganic Chemistry, 2019, 92, 103225.	4.1	15
87	Antitumor activity, multitarget mechanisms, and molecular docking studies of quinazoline derivatives based on a benzenesulfonamide scaffold: Cell cycle analysis. Bioorganic Chemistry, 2020, 104, 104345.	4.1	15
88	Exploring of tumor-associated carbonic anhydrase isoenzyme IX and XII inhibitory effects and cytotoxicities of the novel N-aryl-1-(4-sulfamoylphenyl)-5-(thiophen-2-yl)-1H-pyrazole-3-carboxamides. Bioorganic Chemistry, 2021, 115, 105194.	4.1	15
89	Unusual N-acylation of sterically congested trans-4,5-disubstituted 2-imidazolidinones: remarkably facile Cî—¸C bond formation. Tetrahedron Letters, 2001, 42, 6565-6567.	1.4	14
90	Flurbiprofen. Profiles of Drug Substances, Excipients and Related Methodology, 2012, 37, 113-181.	8.0	14

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91	Discovery of 4-sulfamoyl-phenyl-Î²-lactams as a new class of potent carbonic anhydrase isoforms I, II, IV and VII inhibitors: The first example of subnanomolar CA IV inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 539-544.	3.0	14
92	New anthranilic acid-incorporating N-benzenesulfonamidophthalimides as potent inhibitors of carbonic anhydrases I, II, IX, and XII: Synthesis, inÂvitro testing, and in silico assessment. European Journal of Medicinal Chemistry, 2019, 181, 111573.	5.5	14
93	Design, synthesis, antitumor, and VEGFR-2 inhibition activities of novel 4-anilino-2-vinyl-quinazolines: Molecular modeling studies. Bioorganic Chemistry, 2022, 122, 105710.	4.1	13
94	Enantioselective synthesis of (1S,2S)-1,2-di-tert-butyl and (1R,2R)-1,2-di-(1-adamantyl)ethylenediamines. Tetrahedron Letters, 2004, 45, 8073-8077.	1.4	12
95	Synthesis, Ultraâ€Short Acting Hypnotic Activity, and Metabolic Profile of Ethyl 8â€Oxoâ€5,6,7,8â€tetrahydroâ€thiazolo[3,2â€a] [1,3]diazepinâ€3â€carboxylate (HIEâ€124). Archiv Der Pharmazie, 2008, 341, 81-89.	4.1	12
96	Spectroscopic analysis (FT-IR, FT-Raman and NMR) and molecular docking study of ethyl 2-(4-oxo-3-phenethyl-3,4-dihydroquinazolin-2-ylthio)-acetate. Journal of Molecular Structure, 2016, 1119, 451-461.	3.6	12
97	An efficient method for the synthesis of novel derivatives 4-{5-[4-(4-amino-5-mercapto-4H-[1,2,4]triazol-3-yl)-phenyl]-3-trifluoromethyl-pyrazol-1-yl}-benzenesulfonamide and their anti-inflammatory potential. Bioorganic Chemistry, 2019, 91, 103110.	4.1	12
98	Exploring structure-activity relationship of S-substituted 2-mercaptoquinazolin-4(3H)-one including 4-ethylbenzenesulfonamides as human carbonic anhydrase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 598-609.	5.2	12
99	Synthesis and pharmacological evaluation of novel fused thiophene derivatives as 5-HT2A receptor antagonists: Molecular modeling study. European Journal of Medicinal Chemistry, 2010, 45, 1805-1820.	5.5	11
100	Newly synthesized dihydroquinazoline derivative from the aspect of combined spectroscopic and computational study. Journal of Molecular Structure, 2017, 1134, 814-827.	3.6	11
101	Lewis acid-promoted direct substitution of 2-methoxy-3-cyanopyridines by organo cuprates. Part 3: Facile preparation of nicotinamide and nicotinic acid derivatives. Tetrahedron Letters, 2007, 48, 2861-2865.	1.4	10
102	Fluoroenesulphonamides:N-sulphonylurea isosteres showing nanomolar selective cancer-related transmembrane human carbonic anhydrase inhibition. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 804-808.	5.2	10
103	Synthesis, antitumor activity, and molecular docking study of 2-cyclopentyloxyanisole derivatives: mechanistic study of enzyme inhibition. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 744-758.	5.2	9
104	Carbonic Anhydrase Inhibition with Sulfonamides Incorporating Pyrazole- and Pyridazinecarboxamide Moieties Provides Examples of Isoform-Selective Inhibitors. Molecules, 2021, 26, 7023.	3.8	9
105	Synthesis, biological evaluation and molecular modeling study of thiadiazolo[3,2- a][1,3]diazepine analogues of HIE-124 as a new class of short acting hypnotics. European Journal of Medicinal Chemistry, 2016, 124, 237-247.	5.5	8
106	Hirshfeld Surface, Molecular Docking Study, Spectroscopic Characterization and NLO Profile of 2â€Methoxyâ€4,6â€Diphenylnicotinonitrile. ChemistrySelect, 2019, 4, 9857-9870.	1.5	8
107	Co-Inhibition of P-gp and Hsp90 by an Isatin-Derived Compound Contributes to the Increase of the Chemosensitivity of MCF7/ADR-Resistant Cells to Doxorubicin. Molecules, 2022, 27, 90.	3.8	8
108	Conformational preferences of sterically congested 2-imidazolidinone using X-ray analysis and computational studies. Part 1: Trans-1-acetyl-4,5-di-tert-butyl-2-imidazolidinone. Journal of Molecular Structure, 2010, 969, 145-154.	3.6	6

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109	Spectroscopic and reactive properties of a newly synthesized quinazoline derivative: Combined experimental, DFT, molecular dynamics and docking study. Journal of Molecular Structure, 2017, 1134, 863-881.	3.6	6
110	Thiadiazolodiazepine analogues as a new class of neuromuscular blocking agents: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2017, 126, 15-23.	5.5	5
111	6-Methyl-3-phenyl-2-sulfanylidene-1,2,3,4-tetrahydroquinazolin-4-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o862-o862.	0.2	4
112	Design, synthesis, and analysis of antiproliferative and apoptosis-inducing activities of nitrile derivatives containing a benzofuran scaffold: EGFR inhibition assay and molecular modelling study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1487-1498.	5.2	4
113	4-Oxo-2,4-diphenylbutanenitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o736-o736.	0.2	3
114	2-Methoxy-4,6-diphenylnicotinonitrile. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o228-o228.	0.2	3
115	2-(4-Methoxyphenyl)-4-oxo-4-phenylbutanenitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o737-o737.	0.2	2
116	2-{[2-Methyl-3-(2-methylphenyl)-4-oxo-3,4-dihydroquinazolin-8-yl]oxy}acetonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2105-o2106.	0.2	2
117	5-Isopropylimidazolidine-2,4-dione monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o533-o533.	0.2	2
118	S-Phenyl 4-methoxybenzothioate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1074-o1075.	0.2	2
119	2-Methyl-3-(2-methylphenyl)-4-oxo-3,4-dihydroquinazolin-8-yl 4-bromobenzene-1-sulfonate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o759-o760.	0.2	2
120	An Alternative Route for Synthesis of Chiral 4-Substituted 1-Arenesulfonyl-2-imidazolidinones: Unusual Utility of (4S,5S)- and (4R,5R)-4,5-Dimethoxy-2-imidazolidinones and X-Ray Crystallography. Journal of Chemistry, 2013, 2013, 1-5.	1.9	2
121	Synthesis and Conformational Analysis of Sterically Congested (4R)-(â^)-1-(2,4,6-Trimethylbenzenesulfonyl)-3-n-butyryl-4-tert-butyl-2-imidazolidinone: X-Ray Crystallography and Semiempirical Calculations. Journal of Chemistry, 2014, 2014, 1-15.	1.9	2
122	Experimental and theoretical investigations on structural, spectroscopic, electronic and thermodynamic properties of (adamantan-1-yl)(phenylsulfanyl)methanone. Journal of Molecular Structure, 2018, 1173, 596-607.	3.6	2
123	Betaxolol: A comprehensive profile. Profiles of Drug Substances, Excipients and Related Methodology, 2021, 46, 91-136.	8.0	2
124	Synthesis, antitumor evaluation and molecular modeling study of novel benzimidazoles and pyrazinobenzimidazoles. Journal of Applied Pharmaceutical Science, 0, , .	1.0	2
125	2-Methyl-3-(2-methylphenyl)-7-nitroquinazolin-4(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o863-o863.	0.2	1
126	2-Methyl-3-(2-methylphenyl)-4-oxo-3,4-dihydroquinazolin-8-yl benzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o732-o733.	0.2	1

#	Article	IF	Citations
127	(11R,12S)-16-Aminotetracyclo[6.6.2.02,7.09,14]hexadeca-2(7),3,5,9(14),10,12-hexaen-15-ol. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2137-o2137.	0.2	1
128	2-Methyl-3-(2-methylphenyl)-4-oxo-3,4-dihydroquinazolin-8-yl 4-methylbenzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o734-o735.	0.2	1
129	2-Methylsulfanyl-9H-1,3,4-thiadiazolo[2,3-b]quinazolin-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2134-o2134.	0.2	1
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141	1-Acetyl-4-(phenylsulfanyl)imidazolidin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o908-o908.	0.2	0
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143	N-(3-Aminobicyclo[2.2.1]heptan-2-yl)-4-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2032-o2032.	0.2	0
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150	Crystal structure of (E)-Nâ€²-((4-aminophenyl)sulfonyl)-N,N-dimethylformimidamide, C₉H₁₃N₃O₂S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 483-484.	0.3	0