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List of Publications by Year
in descending order

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Version: 2024-02-01

49 papers	1,426 citations	346980 22 h-index	388640 36 g-index
55 all docs	55 docs citations	55 times ranked	1922 citing authors

#	Article	IF	Citations
1	New tilomisole-based benzimidazothiazole derivatives as anti-inflammatory agents: Synthesis, in vivo, in vitro evaluation, and in silico studies. Bioorganic Chemistry, 2022, 120, 105644.	2.0	4
2	Synthesis and Biological Evaluation of Thiazole-Based Derivatives as Potential Acetylcholinesterase Inhibitors. ACS Omega, 2021, 6, 19202-19211.	1.6	18
3	Design, synthesis, and antitumor activity of PLGA nanoparticles incorporating a discovered benzimidazole derivative as EZH2 inhibitor. Chemico-Biological Interactions, 2021, 344, 109530.	1.7	6
4	Targeting EGFR tyrosine kinase: Synthesis, in vitro antitumor evaluation, and molecular modeling studies of benzothiazole-based derivatives. Bioorganic Chemistry, 2020, 104, 104259.	2.0	18
5	New thiazolopyrimidine as anticancer agents: Synthesis, biological evaluation, DNA binding, molecular modeling and ADMET study. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127611.	1.0	15
6	Cyclohepta[b]thiophenes as Potential Antiproliferative Agents: Design, Synthesis, In Vitro, and In Vivo Anticancer Evaluation. ACS Pharmacology and Translational Science, 2020, 3, 965-977.	2.5	8
7	DNA binding studies of novel diazatruxenones analogs as potential anticancer agents: Synthesis, antitumor investigation, DNA binding, SAR and molecular modeling calculation. Bioorganic Chemistry, 2020, 104, 104323.	2.0	6
8	Novel Pyruvate Kinase (PK) Inhibitors: New Target to Overcome Bacterial Resistance. ChemistrySelect, 2020, 5, 3445-3453.	0.7	6
9	Antitumor properties of certain spirooxindoles towards hepatocellular carcinoma endowed with antioxidant activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 831-839.	2.5	61
10	Marine-Inspired Bis-indoles Possessing Antiproliferative Activity against Breast Cancer; Design, Synthesis, and Biological Evaluation. Marine Drugs, 2020, 18, 190.	2.2	13
11	Assessment of lipophilicity of newly synthesized celecoxib analogues using reversed-phase HPLC. BMC Chemistry, 2019, 13, 84.	1.6	9
12	Synthesis, biological evaluation and in silico studies with 4-benzylidene-2-phenyl-5(4H)-imidazolone-based benzenesulfonamides as novel selective carbonic anhydrase IX inhibitors endowed with anticancer activity. Bioorganic Chemistry, 2019, 90, 103102.	2.0	21
13	Towards breast cancer targeting: Synthesis of tetrahydroindolocarbazoles, antibreast cancer evaluation, uPA inhibition, molecular genetic and molecular modelling studies. Bioorganic Chemistry, 2019, 93, 103332.	2.0	5
14	Novel Diamide-Based Benzenesulfonamides as Selective Carbonic Anhydrase IX Inhibitors Endowed with Antitumor Activity: Synthesis, Biological Evaluation and In Silico Insights. International Journal of Molecular Sciences, 2019, 20, 2484.	1.8	21
15	Synthesis, antitumor testing and molecular modeling study of some new 6-substituted amido, azo or thioureido-quinazolin-4(3H)-ones. Bioorganic Chemistry, 2019, 88, 102923.	2.0	14
16	5-Thioxoimidazolidine-2-one derivatives: Synthesis, anti-inflammatory activity, analgesic activity, COX inhibition assay and molecular modelling study. Bioorganic Chemistry, 2019, 87, 679-687.	2.0	18
17	Synthesis andin vitroanticancer activity of certain novel 1-(2-methyl-6-arylpyridin-3-yl)-3-phenylureas as apoptosis-inducing agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 322-332.	2.5	69
18	Targeting microbial resistance: Synthesis, antibacterial evaluation, DNA binding and modeling study of new chalcone-based dithiocarbamate derivatives. Bioorganic Chemistry, 2019, 85, 282-292.	2.0	28

#	ARTICLE	IF	CITATIONS
19	SLC-0111 enaminone analogs, 3/4-(3-aryl-3-oxopropenyl) aminobenzenesulfonamides, as novel selective subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform IX. Bioorganic Chemistry, 2019, 83, 549-558.	2.0	53
20	New benzimidazothiazole derivatives as anti-inflammatory, antitumor active agents: Synthesis, in-vitro and in-vivo screening and molecular modeling studies. Bioorganic Chemistry, 2019, 83, 250-261.	2.0	21
21	Enhancement of the tail hydrophobic interactions within the carbonic anhydrase IX active site via structural extension: Design and synthesis of novel N-substituted isatins-SLC-0111 hybrids as carbonic anhydrase inhibitors and antitumor agents. European Journal of Medicinal Chemistry, 2019, 162, 147-160.	2.6	81
22	Design, synthesis, anti-inflammatory activity and molecular docking of potential novel antipyrine and pyrazolone analogs as cyclooxygenase enzyme (COX) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 952-957.	1.0	40
23	Synthesis, antimicrobial, anti-biofilm evaluation, and molecular modelling study of new chalcone linked amines derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 818-832.	2.5	19
24	Tyrosine kinase inhibition effects of novel Pyrazolo[1,5-a]pyrimidines and Pyrido[2,3-d]pyrimidines ligand: Synthesis, biological screening and molecular modeling studies. Bioorganic Chemistry, 2018, 78, 312-323.	2.0	41
25	Design, synthesis, anti-inflammatory antitumor activities, molecular modeling and molecular dynamics simulations of potential naprosynÂ® analogs as COX-1 and/or COX-2 inhibitors. Bioorganic Chemistry, 2018, 76, 188-201.	2.0	16
26	Tumor-associated carbonic anhydrase isoform IX and XII inhibitory properties of certain isatin-bearing sulfonamides endowed with in vitro antitumor activity towards colon cancer. Bioorganic Chemistry, 2018, 81, 425-432.	2.0	56
27	Synthesis, biological evaluation and molecular modeling study of new (1,2,4-triazole or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 Chemistry, 2017, 72, 282-292.	2.0	43
28	Synthesis and anticancer activity of new thiazolo[3,2-a]pyrimidines: DNA binding and molecular modeling study. Bioorganic Chemistry, 2017, 74, 41-52.	2.0	34
29	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.	2.6	5
30	Synthesis and antitumor testing of certain new fused triazolopyrimidine and triazoloquinazoline derivatives. Arabian Journal of Chemistry, 2017, 10, S1345-S1355.	2.3	19
31	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.	2.6	8
32	Synthesis, biological evaluation and molecular modeling study of some new methoxylated 2-benzylthio-quinazoline-4(3H)-ones as nonclassical antifolates. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4815-4823.	1.0	22
33	Synthesis, biological evaluation and molecular modeling study of some new thiazolodiazepine analogs as CNS active agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 445-453.	1.0	4
34	Fingolimod (FTY720) As an Anti-Multiple Sclerosis Oral Ultimate Therapy. Biosciences, Biotechnology Research Asia, 2015, 12, 1175-1179.	0.2	0
35	Synthesis and antitumor activity of certain new thiazolo[2,3-b]quinazoline and thiazolo[3,2-a]pyrimidine analogs. Medicinal Chemistry Research, 2014, 23, 388-401.	1.1	19
36	Synthesis, biological evaluation and molecular modeling study of 2-(1,3,4-thiadiazolyl-thio and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Chemistry Letters, 2014, 24, 4557-4567.	1.0	35

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37	Nonclassical antifolates, part 5. Benzodiazepine analogs as a new class of DHFR inhibitors: Synthesis, antitumor testing and molecular modeling study. European Journal of Medicinal Chemistry, 2014, 74, 234-245.	2.6	49
38	Menadione. Profiles of Drug Substances, Excipients and Related Methodology, 2013, 38, 227-313.	3.5	28
39	Nonclassical antifolates, part 3: Synthesis, biological evaluation and molecular modeling study of some new 2-heteroarylthio-quinazolin-4-ones. European Journal of Medicinal Chemistry, 2013, 63, 33-45.	2.6	48
40	Novel 4(3H)-quinazolinone analogs: synthesis and anticonvulsant activity. Medicinal Chemistry Research, 2013, 22, 2815-2827.	1.1	46
41	Nonclassical antifolates, part 4. 5-(2-Aminothiazol-4-yl)-4-phenyl-4H-1,2,4-triazole-3-thiols as a new class of DHFR inhibitors: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2013, 66, 135-145.	2.6	57
42	Substituted thiazoles VI. Synthesis and antitumor activity of new 2-acetamido- and 2 or 3-propanamido-thiazole analogs. European Journal of Medicinal Chemistry, 2012, 54, 615-625.	2.6	49
43	Substituted thiazoles VII. Synthesis and antitumor activity of certain 2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	1.0	62
44	Substituted thiazoles V. Synthesis and antitumor activity of novel thiazolo[2,3-b]quinazoline and pyrido[4,3-d]thiazolo[3,2-a]pyrimidine analogues. European Journal of Medicinal Chemistry, 2012, 47, 65-72.	2.6	94
45	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.	2.6	29
46	Synthesis, antimicrobial and antiviral testing of some new 1-adamantyl analogues. Saudi Pharmaceutical Journal, 2010, 18, 123-128.	1.2	27
47	Synthesis and Biological Evaluation of Some Polymethoxylated Fused Pyridine Ring Systems as Antitumor Agents. Archiv Der Pharmazie, 2009, 342, 584-590.	2.1	53
48	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.	2.1	12
49	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.	1.0	16