Wei Huang

List of Publications by Year
in descending order

41 papers	1,193 citations	430874 18 h-index	377865 34 g-index
46 all docs	46 docs citations	46 times ranked	1448 citing authors

#	Article	IF	Citations
1	Synthesis and antitumor activity of novel dithiocarbamate substituted chromones. European Journal of Medicinal Chemistry, 2009, 44, 3687-3696.	5.5	154
2	Microwave-assisted, one-pot syntheses and fungicidal activity of polyfluorinated 2-benzylthiobenzothiazoles. Bioorganic and Medicinal Chemistry, 2006, 14, 8280-8285.	3.0	134
3	Synthesis, Fungicidal, and Insecticidal Activities of Î²-Methoxyacrylate-Containing N-Acetyl Pyrazoline Derivatives. Journal of Agricultural and Food Chemistry, 2008, 56, 10767-10773.	5.2	101
4	Design, syntheses, and antitumor activity of novel chromone and aurone derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 5191-5197.	3.0	93
5	Synthesis and Fungicidal Evaluation of Novel Chalcone-Based Strobilurin Analogues. Journal of Agricultural and Food Chemistry, 2007, 55, 5697-5700.	5.2	77
6	Design, Synthesis, and Fungicidal Activities of New Strobilurin Derivatives. Journal of Agricultural and Food Chemistry, 2007, 55, 3004-3010.	5.2	68
7	Succinate Dehydrogenase: An Ideal Target for Fungicide Discovery. ACS Symposium Series, 2015, , 175-194.	0.5	62
8	A Selective Transformation of Flavanones to 3-Bromoflavones and Flavones Under Microwave Irradiation. Advanced Synthesis and Catalysis, 2006, 348, 63-67.	4.3	37
9	Efficient synthesis and antiproliferative activity of novel thioether-substituted flavonoids. European Journal of Medicinal Chemistry, 2013, 66, 161-170.	5.5	31
10	Discovery of novel Brutonâ€™s tyrosine kinase (BTK) inhibitors bearing a pyrrolo[2,3-d]pyrimidine scaffold. Bioorganic and Medicinal Chemistry, 2015, 23, 891-901.	3.0	26
11	2,7-naphthyridinone-based MET kinase inhibitors: A promising novel scaffold for antitumor drug development. European Journal of Medicinal Chemistry, 2019, 178, 705-714.	5.5	24
12	Construction of a combinatorial library of 2-(4-oxo-4H-1-benzopyran-3-yl)-4-thiazolidinones by microwave-assisted one-pot parallel syntheses. Heteroatom Chemistry, 2007, 18, 381-389.	0.7	22
13	Direct Sulfide-Catalyzed Diastereoselective [4+1] Annulations of ortho-Quinone Methides and Bromides. Journal of Organic Chemistry, 2018, 83, 12753-12762.	3.2	22
14	Synthesis and biological evaluation of new MET inhibitors with 1,6-naphthyridinone scaffold. European Journal of Medicinal Chemistry, 2020, 185, 111803.	5.5	22
15	Auto In Silico Ligand Directing Evolution to Facilitate the Rapid and Efficient Discovery of Drug Lead. IScience, 2020, 23, 101179.	4.1	22
16	Discovery of Next-Generation Tropomyosin Receptor Kinase Inhibitors for Combating Multiple Resistance Associated with Protein Mutation. Journal of Medicinal Chemistry, 2021, 64, 15503-15514.	6.4	22
17	Improved Synthesis of 2â€(3H)Benzothiazolethiones under Microwave Irradiation. Synthetic Communications, 2007, 37, 369-376.	2.1	21
18	Design, synthesis and evaluation of novel 5-phenylpyridin-2(1H)-one derivatives as potent reversible Brutonâ€™s tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 348-364.	3.0	21

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19	Synthesis and evaluation of 4-(2-pyrimidinylamino) benzamides inhibitors of hedgehog signaling pathway. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 983-988.	2.2	18
20	Design, synthesis and evaluation of highly selective pyridone-based class II MET inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3351-3355.	2.2	18
21	Discovery of thieno[3,2- c]pyridin-4-amines as novel Brutonâ€™s tyrosine kinase (BTK) inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 6059-6068.	3.0	18
22	Pyrrolo[2,3-b]pyridine derivatives as potent Brutonâ€™s tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 4344-4353.	3.0	17
23	Design, synthesis, and biological evaluation of novel 3-pyrrolo[b]cyclohexylene-2-dihydroindolinone derivatives as potent receptor tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5630-5633.	2.2	16
24	Rational Design of Highly Potent and Slow-Binding Cytochrome bc1 Inhibitor as Fungicide by Computational Substitution Optimization. Scientific Reports, 2015, 5, .	3.3	16
25	Discovery of 1,6-naphthyridinone-based MET kinase inhibitor bearing quinoline moiety as promising antitumor drug candidate. European Journal of Medicinal Chemistry, 2020, 192, 112174.	5.5	16
26	An efficient one-pot access to N-(pyridin-2-ylmethyl) substituent biphenyl-4-sulfonamides through water-promoted, palladium-catalyzed, microwave-assisted reactions. RSC Advances, 2015, 5, 75182-75186.	3.6	14
27	Discovery of N-substituted-3-phenyl-1,6-naphthyridinone derivatives bearing quinoline moiety as selective type II c-Met kinase inhibitors against VEGFR-2. Bioorganic and Medicinal Chemistry, 2020, 28, 115555.	3.0	13
28	Synthesis and biological evaluation of novel 7-substituted 3-(4-phenoxyphenyl)thieno[3,2-c]pyridin-4-amines as potent Brutonâ€™s tyrosine kinase (BTK) inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 6250-6257.	3.0	12
29	Identification of 4-(2-furanyl)pyrimidin-2-amines as Janus kinase 2 inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 75-83.	3.0	11
30	Efficient Arylation of 2,7-Naphthyridin-1(2H)-one with Diaryliodonium Salts and Discovery of a New Selective MET/AXL Kinase Inhibitor. ACS Combinatorial Science, 2020, 22, 457-467.	3.8	11
31	Synthesis and pharmacological evaluation of trifluoromethyl containing 4-(2-pyrimidinylamino)benzamides as Hedgehog signaling pathway inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 1079-1088.	3.0	8
32	Discovery of 8-Amino-Substituted 2-Phenyl-2,7-Naphthyridinone Derivatives as New c-Kit/VEGFR-2 Kinase Inhibitors. Molecules, 2019, 24, 4461.	3.8	8
33	Discovery of potent anti-inflammatory 4-(4,5,6,7-tetrahydrofuro[3,2-c]pyridin-2-yl) pyrimidin-2-amines for use as Janus kinase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 2592-2597.	3.0	7
34	Structureâ€“activity relationship study of novel quinazoline-based 1,6-naphthyridinones as MET inhibitors with potent antitumor efficacy. European Journal of Medicinal Chemistry, 2020, 208, 112785.	5.5	7
35	Insights into SARS-CoV-2: Medicinal Chemistry Approaches to Combat Its Structural and Functional Biology. Topics in Current Chemistry, 2021, 379, 23.	5.8	6
36	Design and synthesis of novel phthalazinone derivatives as potent poly(ADP-ribose)polymerase 1 inhibitors. Future Medicinal Chemistry, 2020, 12, 1691-1707.	2.3	5

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37	Exploring the kinase-inhibitor fragment interaction space facilitates the discovery of kinase inhibitor overcoming resistance by mutations. Briefings in Bioinformatics, 2022, 23, .	6.5	5
38	Conformational adjustment overcomes multiple drug-resistance mutants of tropomyosin receptor kinase. European Journal of Medicinal Chemistry, 2022, 237, 114406.	5.5	3
39	Grignard Reagent Utilization Enables a Practical and Scalable Construction of 3-Substituted 5-Chloro-1,6-naphthyridin-4-one Derivatives. Molecules, 2020, 25, 5667.	3.8	2
40	Catalase Inhibitors with Dual Proâ€Oxidant Effect as New Therapeutic Agents in Castrationâ€Resistant Prostate Cancer. Advanced Therapeutics, 2021, 4, 2000164.	3.2	1
41	Lead Optimization and Antiproliferative Activity Using a New Dithiocarbamates Substructure. Chinese Journal of Organic Chemistry, 2018, 38, 2067.	1.3	0