Yong-Jin Wu

List of Publications by Year
in descending order

58 papers	1,092 citations	394421 19 h-index	434195 31 g-index
65 all docs	65 docs citations	65 times ranked	1196 citing authors

#	Article	IF	Citations
1	Copper-catalyzed N-arylation of sulfonamides with aryl bromides and iodides using microwave heating. Tetrahedron Letters, 2003, 44, 3385-3386.	1.4	93
2	Copper-Catalyzed Cross-Coupling of Aryl Halides and Thiols Using Microwave Heating. Synlett, 2003, 2003, 1789-1790.	1.8	83
3	Recent Developments on Ketolides and Macrolides. Current Medicinal Chemistry, 2001, 8, 1727-1758.	2.4	65
4	Synthesis of diaryl ethers through the copper-catalyzed arylation of phenols with aryl halides using microwave heating. Tetrahedron Letters, 2003, 44, 3445-3446.	1.4	64
5	Fluorine Substitution Can Block CYP3A4 Metabolism-Dependent Inhibition:â€‰ Identification of (S)-N-[1-(4-Fluoro-3- morpholin-4-ylphenyl)ethyl]-3- (4-fluorophenyl)acrylamide as an Orally Bioavailable KCNQ2 Opener Devoid of CYP3A4 Metabolism-Dependent Inhibition. Journal of Medicinal Chemistry, 2003, 46, 3778-3781.	6.4	61
6	Copper-catalyzed coupling of (S)-1-(3-bromophenyl)-ethylamine and Nâ€“H containing heteroarenes using microwave heating. Tetrahedron Letters, 2003, 44, 4217-4218.	1.4	59
7	(S)-N-[1-(3-Morpholin-4-ylphenyl)ethyl]- 3-phenylacrylamide:â€‰ An Orally Bioavailable KCNQ2 Opener with Significant Activity in a Cortical Spreading Depression Model of Migraine. Journal of Medicinal Chemistry, 2003, 46, 3197-3200.	6.4	56
8	Heterocycles and Medicine. Progress in Heterocyclic Chemistry, 2012, , 1-53.	0.5	48
9	Recent Developments on KCNQ Potassium Channel Openers. Current Medicinal Chemistry, 2005, 12, 453-460.	2.4	47
10	Synthesis and Structureâˆ’Activity Relationship of Acrylamides as KCNQ2 Potassium Channel Openers. Journal of Medicinal Chemistry, 2004, 47, 2887-2896.	6.4	37
11	Development of New Benzenesulfonamides As Potent and Selective Na_v1.7 Inhibitors for the Treatment of Pain. Journal of Medicinal Chemistry, 2017, 60, 2513-2525.	6.4	32
12	Highlights of Semi-synthetic Developments from Erythromycin A. Current Pharmaceutical Design, 2000, 6, 181-223.	1.9	29
13	Identification of a Potent and Selective 5-HT6Antagonist:Â One-Step Synthesis of (E)-3-(Benzenesulfonyl)-2- (methylsulfanyl)pyrido[1,2-a]pyrimidin- 4-ylidenamine from 2-(Benzenesulfonyl)-3,3- bis(methylsulfanyl)acrylonitrile. Journal of Medicinal Chemistry, 2003, 46, 4834-4837.	6.4	29
14	Geminal Diheteroatomic Motifs: Some Applications of Acetals, Ketals, and Their Sulfur and Nitrogen Homologues in Medicinal Chemistry and Drug Design. Journal of Medicinal Chemistry, 2021, 64, 9786-9874.	6.4	29
15	(S)-N-[1-(4-Cyclopropylmethyl-3,4-dihydro-2H-benzooxazin-6-yl)-ethyl]-3-(2-fluoro-phenyl)-acrylamide is a potent and efficacious KCNQ2 opener which inhibits induced hyperexcitability of rat hippocampal neurons. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1991-1995.	2.2	25
16	Discovery of disubstituted piperidines and homopiperidines as potent dual NK 1 receptor antagonistsâ€“serotonin reuptake transporter inhibitors for the treatment of depression. Bioorganic and Medicinal Chemistry, 2013, 21, 2217-2228.	3.0	24
17	3-Bromocyclohexane-1,2-dione as a useful reagent for Hantzsch synthesis of thiazoles and the synthesis of related heterocycles. Tetrahedron Letters, 2011, 52, 3633-3635.	1.4	22
18	An efficient one-pot synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles from isothiocyanates and amidines. Tetrahedron Letters, 2008, 49, 2869-2871.	1.4	21

#	Article	IF	Citations
19			

#	Article	IF	Citations
37	Synthesis of pyrimido[4,5- c]azepine- and pyrimido[4,5- c]oxepine-based Î³-secretase modulators. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1554-1557.	2.2	5
38	Five-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2017, 29, 315-336.	0.5	5
39	Five-Membered Ring Systems: With N and S (Se) Atoms. Progress in Heterocyclic Chemistry, 2012, 24, 281-301.	0.5	4
40	Discovery of a cyclopentylamine as an orally active dual NK1 receptor antagonistâ€"serotonin reuptake transporter inhibitor. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1611-1614.	2.2	4
41	Expedient Synthesis of Furo[2,3-d][1,3]thiazinamines and Pyrano[2,3-d][1,3]thiazinamines from Enones and Thiourea. Journal of Organic Chemistry, 2016, 81, 3386-3390.	3.2	4
42	5-Bromo-2-chloro-4-fluoro-3-iodopyridine as a Halogen-rich Intermediate for the Synthesis of Pentasubstituted Pyridines. Journal of Organic Chemistry, 2022, 87, 2559-2568.	3.2	4
43	Five-membered ring systems: with N and S (Se) atoms. Progress in Heterocyclic Chemistry, 2005, 17, 197-226.	0.5	3
44	Chapter 5.5: Five-Membered Ring Systems: With N and S (Se) Atoms. Progress in Heterocyclic Chemistry, 2009, 21, 261-295.	0.5	3
45	Synthesis of functionalized derivatives of the gamma-secretase modulator BMS-932481 and identification of its major metabolite. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127530.	2.2	3
46	Chapter 5.5 Five-membered ring systems: with N and S (Se) atoms. Progress in Heterocyclic Chemistry, 2008, 19, 242-276.	0.5	2
47	Efficient synthesis of (Z)- and (E)-methyl 2-(methoxyimino)-2-phenylacetate. Tetrahedron Letters, 2010, 51, 2144-2147.	1.4	2
48	Five-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2018, 30, 243-262.	0.5	2
49	Five-Membered Ring Systems: With N and S Atom. Progress in Heterocyclic Chemistry, 2020, 31, 363-377.	0.5	2
50	Five-membered ring systems: with N and S atoms. Progress in Heterocyclic Chemistry, 2021, 33, 277-292.	0.5	2
51	(S)-N-[1-(4-Cyclopropylmethyl-3,4-dihydro-2H-benzo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td ([1,4]oxazin-6-yl)-ethyl]-3-(2 Inhibits Induced Hyperexcitability of Rat Hippocampal Neurons.. ChemInform, 2004, 35, no.	0.0	1
52	Five-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2016, 28, 317-339.	0.5	1
53	Five-membered ring systems: with N and S atom. Progress in Heterocyclic Chemistry, 2021, 32, 325-344.	0.5	1
54	Copper-Catalyzed N-Arylation of Sulfonamides with Aryl Bromides and Iodides Using Microwave Heating.. ChemInform, 2003, 34, no.	0.0	0

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55	Synthesis of Diaryl Ethers Through the Copper-Catalyzed Arylation of Phenols with Aryl Halides Using Microwave Heating.. ChemInform, 2003, 34, no.	0.0	0
56	Copper-Catalyzed Coupling of (S)-1-(3-Bromophenyl)-ethylamine and Nâ€"H Containing Heteroarenes Using Microwave Heating.. ChemInform, 2003, 34, no.	0.0	0
57	Synthesis of Fluorinated 1-(3-Morpholin-4-yl-phenyl)-ethylamines.. ChemInform, 2003, 34, no.	0.0	0
58	SNAr reactions of 5-bromo-2-chloro-4-fluoro-3-iodopyridine and its 3-substituted analogs. Tetrahedron Letters, 2022, 98, 153832.	1.4	0