

Yong-Jin Wu

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54
papers

906
citations

17
h-index

28
g-index

65
ext. papers

998
ext. citations

3
avg, IF

4.1
L-index

#	Paper	IF	Citations
54	Copper-catalyzed N-arylation of sulfonamides with aryl bromides and iodides using microwave heating. <i>Tetrahedron Letters</i> , 2003 , 44, 3385-3386	2	77
53	Copper-Catalyzed Cross-Coupling of Aryl Halides and Thiols Using Microwave Heating. <i>Synlett</i> , 2003 , 2003, 1789-1790	2.2	76
52	Recent developments on ketolides and macrolides. <i>Current Medicinal Chemistry</i> , 2001 , 8, 1727-58	4.3	60
51	Fluorine substitution can block CYP3A4 metabolism-dependent inhibition: 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. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3778-81	8.3	57
50	Copper-catalyzed coupling of (S)-1-(3-bromophenyl)-ethylamine and NH containing heteroarenes using microwave heating. <i>Tetrahedron Letters</i> , 2003 , 44, 4217-4218	2	52
49	Synthesis of diaryl ethers through the copper-catalyzed arylation of phenols with aryl halides using microwave heating. <i>Tetrahedron Letters</i> , 2003 , 44, 3445-3446	2	52
48	(S)-N-[1-(3-morpholin-4-ylphenyl)ethyl]-3-phenylacrylamide: an orally bioavailable KCNQ2 opener with significant activity in a cortical spreading depression model of migraine. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3197-200	8.3	52
47	Recent developments on KCNQ potassium channel openers. <i>Current Medicinal Chemistry</i> , 2005 , 12, 453-603	4.0	40
46	Heterocycles and Medicine. <i>Progress in Heterocyclic Chemistry</i> , 2012 , 1-53	0.8	34
45	Synthesis and structure-activity relationship of acrylamides as KCNQ2 potassium channel openers. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2887-96	8.3	34
44	Development of New Benzenesulfonamides As Potent and Selective Na _v 1.7 Inhibitors for the Treatment of Pain. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 2513-2525	8.3	29
43	Identification of a potent and selective 5-HT ₆ antagonist: one-step synthesis of (E)-3-(benzenesulfonyl)-2-(methylsulfonyl)pyrido[1,2-a]pyrimidin-4-ylidenamine from 2-(benzenesulfonyl)-3,3-bis(methylsulfonyl)acrylonitrile. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 4834-7	8.3	27
42	Highlights of semi-synthetic developments from erythromycin A. <i>Current Pharmaceutical Design</i> , 2000 , 6, 181-223	3.3	27
41	(S)-N-[1-(4-cyclopropylmethyl-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl)-ethyl]-3-(2-fluoro-phenyl)-acrylamide is a potent and efficacious KCNQ2 opener which inhibits induced hyperexcitability of rat hippocampal neurons. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 1991-5	2.9	22
40	An efficient one-pot synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles from isothiocyanates and amidines. <i>Tetrahedron Letters</i> , 2008 , 49, 2869-2871	2	20
39	Discovery of disubstituted piperidines and homopiperidines as potent dual NK1 receptor antagonists-serotonin reuptake transporter inhibitors for the treatment of depression. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2217-2228	3.4	18
38	Synthesis and KCNQ2 opener activity of N-(1-benzo[1,3]dioxol-5-yl)-ethyl, N-[1-(2,3-dihydro-benzofuran-5-yl)-ethyl], and N-[1-(2,3-dihydro-1H-indol-5-yl)-ethyl] acrylamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 4533-7	2.9	17

37	Discovery of non-zwitterionic aryl sulfonamides as Na _{1.7} inhibitors with efficacy in preclinical behavioral models and translational measures of nociceptive neuron activation. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 5490-5505	3.4	15
36	3-Bromocyclohexane-1,2-dione as a useful reagent for Hantzsch synthesis of thiazoles and the synthesis of related heterocycles. <i>Tetrahedron Letters</i> , 2011 , 52, 3633-3635	2	15
35	Synthesis and SAR of hydroxyethylamine based phenylcarboxyamides as inhibitors of BACE. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 2654-60	2.9	14
34	Discovery of furo[2,3-d][1,3]thiazinamines as beta amyloid cleaving enzyme-1 (BACE1) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5729-5731	2.9	13
33	Discovery of VU2957 (Valiglurax): An mGlu Positive Allosteric Modulator Evaluated as a Preclinical Candidate for the Treatment of Parkinson's Disease. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 255-260	4.3	13
32	Five-membered ring systems: with N and S (Se, Te) atoms. <i>Progress in Heterocyclic Chemistry</i> , 2007 , 18, 247-275	0.8	12
31	Michael addition of 3-bromoinden-1-one: an expedient synthesis of 5-bromo-3-trifluoroacetamidoindan-1-one. <i>Tetrahedron Letters</i> , 2006 , 47, 8459-8461	2	11
30	Identification and Preclinical Evaluation of the Bicyclic Pyrimidine β -Secretase Modulator BMS-932481. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 312-317	4.3	10
29	Discovery of S3-Truncated, C-6 Heteroaryl Substituted Aminothiazine β -Site APP Cleaving Enzyme-1 (BACE1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 8593-600	8.3	10
28	Discovery of morpholine-based aryl sulfonamides as Na _{1.7} inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 958-962	2.9	9
27	Discovery and characterization of N-(1,3-dialkyl-1H-indazol-6-yl)-1H-pyrazolo[4,3-b]pyridin-3-amine scaffold as mGlu positive allosteric modulators that mitigate CYP1A2 induction liability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2641-2646	2.9	9
26	(S,E)-N-[1-(3-heteroarylphenyl)ethyl]-3-(2-fluorophenyl)acrylamides: synthesis and KCNQ2 potassium channel opener activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 363-6	2.9	9
25	Synthesis of fluorinated 1-(3-morpholin-4-yl-phenyl)-ethylamines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 1725-8	2.9	8
24	Discovery of (S,E)-3-(2-fluorophenyl)-N-(1-(3-(pyridin-3-yloxy)phenyl)ethyl)-acrylamide as a potent and efficacious KCNQ2 (Kv7.2) opener for the treatment of neuropathic pain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6188-91	2.9	7
23	Structure activity relationship studies of 3-arylsulfonyl-pyrido[1,2-a]pyrimidin-4-imines as potent 5-HT _{1A} antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1782-90	3.4	6
22	The discovery of VU0652957 (VU2957, Valiglurax): SAR and DMPK challenges en route to an mGlu PAM development candidate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 342-346	2.9	6
21	Synthesis of pyrimido[4,5-c]azepine- and pyrimido[4,5-c]oxepine-based β -Secretase modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1554-1557	2.9	5
20	Palladium-catalyzed amination of 3-bromo-4-fluoro-acetophenone. <i>Tetrahedron Letters</i> , 2002 , 43, 9291-9294		5

19	Expedient Synthesis of Furo[2,3-d][1,3]thiazinamines and Pyrano[2,3-d][1,3]thiazinamines from Enones and Thiourea. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3386-90	4.2	4
18	Discovery of a cyclopentylamine as an orally active dual NK1 receptor antagonist-serotonin reuptake transporter inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1611-4	2.9	4
17	Discovery of new indole-based acylsulfonamide Na1.7 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 659-663	2.9	4
16	Five-Membered Ring Systems: With N and S Atom. <i>Progress in Heterocyclic Chemistry</i> , 2017 , 29, 315-336	0.8	3
15	Five-Membered Ring Systems: With N and S (Se) Atoms. <i>Progress in Heterocyclic Chemistry</i> , 2012 , 24, 281-301	0.8	3
14	Geminal Diheteroatomic Motifs: Some Applications of Acetals, Ketals, and Their Sulfur and Nitrogen Homologues in Medicinal Chemistry and Drug Design. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 9786-9874	8.3	3
13	Chapter 5.5: Five-Membered Ring Systems: With N and S (Se) Atoms. <i>Progress in Heterocyclic Chemistry</i> , 2009 , 21, 261-295	0.8	2
12	Five-membered ring systems: with N and S (Se) atoms. <i>Progress in Heterocyclic Chemistry</i> , 2005 , 17, 197-226	0.8	2
11	Five-Membered Ring Systems: With N and S Atom. <i>Progress in Heterocyclic Chemistry</i> , 2020 , 31, 363-377	0.8	2
10	Five-Membered Ring Systems: With N and S Atoms. <i>Progress in Heterocyclic Chemistry</i> , 2018 , 30, 243-262	0.8	2
9	Efficient synthesis of (Z)- and (E)-methyl 2-(methoxyimino)-2-phenylacetate. <i>Tetrahedron Letters</i> , 2010 , 51, 2144-2147	2	1
8	Chapter 5.5 Five-membered ring systems: with N and S (Se) atoms. <i>Progress in Heterocyclic Chemistry</i> , 2008 , 19, 242-276	0.8	1
7	5-Bromo-2-chloro-4-fluoro-3-iodopyridine as a Halogen-rich Intermediate for the Synthesis of Pentasubstituted Pyridines.. <i>Journal of Organic Chemistry</i> , 2022 ,	4.2	1
6	Cognition Enhancers 2003 , 779-836		1
5	Synthesis of functionalized derivatives of the gamma-secretase modulator BMS-932481 and identification of its major metabolite. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127530	2.9	1
4	Five-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2016 , 28, 317-339	0.8	1
3	Five-membered ring systems: with N and S atoms. <i>Progress in Heterocyclic Chemistry</i> , 2021 , 33, 277-292	0.8	
2	Five-membered ring systems: with N and S atom. <i>Progress in Heterocyclic Chemistry</i> , 2021 , 32, 325-344	0.8	

- 1 SNAr reactions of 5-bromo-2-chloro-4-fluoro-3-iodopyridine and its 3-substituted analogs.
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