Yong-Jin Wu

List of Publications by Year in Descending Order

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	5-Bromo-2-chloro-4-fluoro-3-iodopyridine as a Halogen-rich Intermediate for the Synthesis of Pentasubstituted Pyridines.. *Journal of Organic Chemistry*, **2022**,	4.2	1
53	SNAr reactions of 5-bromo-2-chloro-4-fluoro-3-iodopyridine and its 3-substituted analogs. *Tetrahedron Letters*, **2022**, 98, 153832	2	
52	Five-membered ring systems: with N and S atoms. *Progress in Heterocyclic Chemistry*, **2021**, 33, 277-292	0.8	
51	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	8.3	3
50	Five-membered ring systems: with N and S atom. *Progress in Heterocyclic Chemistry*, **2021**, 32, 325-344	0.8	
49	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	2.9	1
48	Five-Membered Ring Systems: With N and S Atom. *Progress in Heterocyclic Chemistry*, **2020**, 31, 363-377	0.8	2
47	Identification and Preclinical Evaluation of the Bicyclic Pyrimidine β-Secretase Modulator BMS-932481. *ACS Medicinal Chemistry Letters*, **2019**, 10, 312-317	4.3	10
46	The discovery of VU0652957 (VU2957, Valiglurax): SAR and DMPK challenges en route to an mGlu PAM development candidate. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 342-346	2.9	6
45	Discovery of VU2957 (Valiglurax): An mGlu Positive Allosteric Modulator Evaluated as a Preclinical Candidate for the Treatment of Parkinson's Disease. *ACS Medicinal Chemistry Letters*, **2019**, 10, 255-260	4.3	13
44	Discovery of new indole-based acylsulfonamide Na1.7 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 659-663	2.9	4
43	Discovery of morpholine-based aryl sulfonamides as Na1.7 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 958-962	2.9	9
42	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. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 2641-2646	2.9	9
41	Five-Membered Ring Systems: With N and S Atoms. *Progress in Heterocyclic Chemistry*, **2018**, 30, 243-262	0.8	2
40	Development of New Benzenesulfonamides As Potent and Selective Na1.7 Inhibitors for the Treatment of Pain. *Journal of Medicinal Chemistry*, **2017**, 60, 2513-2525	8.3	29
39	Five-Membered Ring Systems: With N and S Atom. *Progress in Heterocyclic Chemistry*, **2017**, 29, 315-336	0.8	3
38	Discovery of non-zwitterionic aryl sulfonamides as Na1.7 inhibitors with efficacy in preclinical behavioral models and translational measures of nociceptive neuron activation. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 5490-5505	3.4	15

37	Discovery of S3-Truncated, C-6 Heteroaryl Substituted Aminothiazine Site APP Cleaving Enzyme-1 (BACE1) Inhibitors. *Journal of Medicinal Chemistry*, **2016**, 59, 8593-600	8.3	10
36	Discovery of furo[2,3-d][1,3]thiazinamines as beta amyloid cleaving enzyme-1 (BACE1) inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5729-5731	2.9	13
35	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, 3386-90	4.2	4
34	Synthesis of pyrimido[4,5-c]azepine- and pyrimido[4,5-c]oxepine-based secretase modulators. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 1554-1557	2.9	5
33	Five-Membered Ring Systems. *Progress in Heterocyclic Chemistry*, **2016**, 28, 317-339	0.8	1
32	Discovery of a cyclopentylamine as an orally active dual NK1 receptor antagonist-serotonin reuptake transporter inhibitor. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 1611-4	2.9	4
31	Structure activity relationship studies of 3-arylsulfonyl-pyrido[1,2-a]pyrimidin-4-imines as potent 5-HT antagonists. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 1782-90	3.4	6
30	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. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 6188-91	2.9	7
29	Discovery of disubstituted piperidines and homopiperidines as potent dual NK1 receptor antagonists-serotonin reuptake transporter inhibitors for the treatment of depression. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 2217-2228	3.4	18
28	Heterocycles and Medicine. *Progress in Heterocyclic Chemistry*, **2012**, 1-53	0.8	34
27	Five-Membered Ring Systems: With N and S (Se) Atoms. *Progress in Heterocyclic Chemistry*, **2012**, 24, 281-301	0.8	3
26	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	2	15
25	Efficient synthesis of (Z)- and (E)-methyl 2-(methoxyimino)-2-phenylacetate. *Tetrahedron Letters*, **2010**, 51, 2144-2147	2	1
24	Synthesis and SAR of hydroxyethylamine based phenylcarboxyamides as inhibitors of BACE. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 2654-60	2.9	14
23	Chapter 5.5: Five-Membered Ring Systems: With N and S (Se) Atoms. *Progress in Heterocyclic Chemistry*, **2009**, 21, 261-295	0.8	2
22	Chapter 5.5 Five-membered ring systems: with N and S (Se) atoms. *Progress in Heterocyclic Chemistry*, **2008**, 19, 242-276	0.8	1
21	An efficient one-pot synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles from isothiocyanates and amidines. *Tetrahedron Letters*, **2008**, 49, 2869-2871	2	20
20	Five-membered ring systems: with N and S (Se, Te) atoms. *Progress in Heterocyclic Chemistry*, **2007**, 18, 247-275	0.8	12

19	Michael addition of 3-bromoinden-1-one: an expedient synthesis of 5-bromo-3-trifluoroacetamidoindan-1-one. *Tetrahedron Letters*, **2006**, 47, 8459-8461	2	11
18	Five-membered ring systems: with N and S (Se) atoms. *Progress in Heterocyclic Chemistry*, **2005**, 17, 197-226	2.6	2
17	Recent developments on KCNQ potassium channel openers. *Current Medicinal Chemistry*, **2005**, 12, 453-60	4.3	40
16	(S,E)-N-[1-(3-heteroarylphenyl)ethyl]-3-(2-fluorophenyl)acrylamides: synthesis and KCNQ2 potassium channel opener activity. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 363-6	2.9	9
15	(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. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 1991-5	2.9	22
14	Synthesis and structure-activity relationship of acrylamides as KCNQ2 potassium channel openers. *Journal of Medicinal Chemistry*, **2004**, 47, 2887-96	8.3	34
13	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. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 4533-7	2.9	17
12	Copper-Catalyzed Cross-Coupling of Aryl Halides and Thiols Using Microwave Heating. *Synlett*, **2003**, 2003, 1789-1790	2.2	76
11	Copper-catalyzed coupling of (S)-1-(3-bromophenyl)-ethylamine and NH containing heteroarenes using microwave heating. *Tetrahedron Letters*, **2003**, 44, 4217-4218	2	52
10	Copper-catalyzed N-arylation of sulfonamides with aryl bromides and iodides using microwave heating. *Tetrahedron Letters*, **2003**, 44, 3385-3386	2	77
9	Synthesis of diaryl ethers through the copper-catalyzed arylation of phenols with aryl halides using microwave heating. *Tetrahedron Letters*, **2003**, 44, 3445-3446	2	52
8	Synthesis of fluorinated 1-(3-morpholin-4-yl-phenyl)-ethylamines. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 1725-8	2.9	8
7	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. *Journal of Medicinal Chemistry*, **2003**, 46, 3778-81	8.3	57
6	Identification of a potent and selective 5-HT(6) antagonist: 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, 4834-7	8.3	27
5	(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. *Journal of Medicinal Chemistry*, **2003**, 46, 3197-200	8.3	52
4	Cognition Enhancers **2003**, 779-836		1
3	Palladium-catalyzed amination of 3-bromo-4-fluoro-acetophenone. *Tetrahedron Letters*, **2002**, 43, 9291-9294	2	5
2	Recent developments on ketolides and macrolides. *Current Medicinal Chemistry*, **2001**, 8, 1727-58	4.3	60

1	Highlights of semi-synthetic developments from erythromycin A. *Current Pharmaceutical Design*, **2000**, 6, 181-223	3.3	27