Ling-Wei Hsin

List of Publications by Year
in descending order

49 papers	952 citations	471509 17 h-index	454955 30 g-index
51 all docs	51 docs citations	51 times ranked	1389 citing authors

#	Article	IF	Citations
1	Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in Drosophila brain. Nature Communications, 2016, 7, 10652.	12.8	97
2	Quinazolin-4-one Derivatives as Selective Histone Deacetylase-6 Inhibitors for the Treatment of Alzheimerâ€™s Disease. Journal of Medicinal Chemistry, 2013, 56, 6775-6791.	6.4	87
3	The effects of CRF antagonists, antalarmin, CP154,526, LWH234, and R121919, in the forced swim test and on swim-induced increases in adrenocorticotropin in rats. Psychopharmacology, 2005, 180, 215-223.	3.1	76
4	Development of Long-Acting Dopamine Transporter Ligands as Potential Cocaine-Abuse Therapeutic Agents:â€‰ Chiral Hydroxyl-Containing Derivatives of 1-[2-[Bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine and 1-[2-(Diphenylmethoxy)ethyl]-4-(3-phenylpropyl)piperazine. Journal of Medicinal Chemistry, 2002, 45, 1321-1329.	6.4	62
5	High-selective HDAC6 inhibitor promotes HDAC6 degradation following autophagy modulation and enhanced antitumor immunity in glioblastoma. Biochemical Pharmacology, 2019, 163, 458-471.	4.4	56
6	Targeting breast cancer stem cells by novel HDAC3-selective inhibitors. European Journal of Medicinal Chemistry, 2017, 140, 42-51.	5.5	54
7	Oxygenated Analogues of 1-[2-(Diphenylmethoxy)ethyl]- and 1-[2-[Bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazines (GBR 12935 and GBR 12909) as Potential Extended-Action Cocaine-Abuse Therapeutic Agents. Journal of Medicinal Chemistry, 1999, 42, 5029-5042.	6.4	52
8	CRHR1 Receptor binding and lipophilicity of pyrrolopyrimidines, potential nonpeptide corticotropin-releasing hormone type 1 receptor antagonists. Bioorganic and Medicinal Chemistry, 2002, 10, 175-183.	3.0	41
9	Synthesis, DNA binding, and cytotoxicity of 1,4-bis(2-amino-ethylamino)anthraquinoneâ€“amino acid conjugates. Bioorganic and Medicinal Chemistry, 2008, 16, 1006-1014.	3.0	37
10	WRC-213, an l-methionine-conjugated mitoxantrone derivative, displays anticancer activity with reduced cardiotoxicity and drug resistance: Identification of topoisomerase II inhibition and apoptotic machinery in prostate cancers. Biochemical Pharmacology, 2008, 75, 847-856.	4.4	33
11	N-Cubylmethyl substituted morphinoids as novel narcotic antagonists. Bioorganic and Medicinal Chemistry, 1996, 4, 73-80.	3.0	31
12	N-Arylated pyrrolidin-2-ones and morpholin-3-ones as potassium channel openers. Bioorganic and Medicinal Chemistry, 2002, 10, 3267-3276.	3.0	29
13	Synthesis and biological activity of fluoro-substituted pyrrolo[2,3- d]pyrimidines: The development of potential positron emission tomography imaging agents for the corticotropin-releasing hormone type 1 receptor. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 707-710.	2.2	25
14	Identification of a novel â€œalmost neutralâ€•Î¼â€•opioid receptor antagonist in CHO cells expressing the cloned human Î¼â€•opioid receptor. Synapse, 2010, 64, 280-288.	1.2	24
15	Novel radical synthesis of morphine fragments spiro[benzofuran-3(2H),4â€²-piperidine] and octahydro-1H-benzofuro[3,2-e]isoquinoline. Tetrahedron, 1996, 52, 10935-10944.	1.9	22
16	The development of a potential single photon emission computed tomography (SPECT) imaging agent for the corticotropin-releasing hormone receptor type 1. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 331-333.	2.2	21
17	Intramolecular Heck cyclization to the galanthamine-type alkaloids: total synthesis of (Â±)-lycoramine. Tetrahedron, 2004, 60, 11655-11660.	1.9	21
18	Synthesis and dopamine transporter affinity of chiral 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(2-hydroxypropyl)piperazines as potential cocaine abuse therapeutic agents. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 553-556.	2.2	17

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19	Prospective comparison of (4S)-4-(3-18F-fluoropropyl)-l-glutamate versus 18F-fluorodeoxyglucose PET/CT for detecting metastases from pancreatic ductal adenocarcinoma: a proof-of-concept study. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 810-820.	6.4	15
20	Synthesis and Opioid Activity of 7-Oxygenated 2,3,4,4a,5,6,7,7a-octahydro-1H-benzofuro[3,2-e]isoquinolinols. Journal of Medicinal Chemistry, 1994, 37, 3121-3127.	6.4	13
21	Anthracenedioneâ€“methionine conjugates are novel topoisomerase II-targeting anticancer agents with favorable drug resistance profiles. Biochemical Pharmacology, 2012, 83, 1208-1216.	4.4	12
22	Activation of serotonin 5-HT7 receptor induces coronary flow increase in isolated rat heart. European Journal of Pharmacology, 2015, 748, 68-75.	3.5	12
23	Stereoselective synthesis of morphine fragments trans- and cis-octahydro-1H-benzo[4,5]furo[3,2-e]isoquinolines. Tetrahedron, 2005, 61, 513-520.	1.9	11
24	Design and Synthesis of 2- and 3-Substituted-3-phenylpropyl Analogs of 1-[2-[Bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine and 1-[2-(Diphenylmethoxy)ethyl]-4-(3-phenylpropyl)piperazine: Role of Amino, Fluoro, Hydroxyl, Methoxyl, Methyl, Methylene, and Oxo Substituents on Affinity for the Dopamine and Serotonin Transporters. Journal of Medicinal Chemistry, 2008, 51, 2795-2806.	6.4	11
25	Synthesis and Opioid Activity of Enantiomeric N-Substituted 2,3,4,4a,5,6,7,7a-Octahydro-1H-benzofuro[3,2-e]isoquinolines. Journal of Medicinal Chemistry, 2010, 53, 1392-1396.	6.4	11
26	Synthesis of [3H](4-fluorobutyl)propyl[2,5,6-trimethyl-7-(2,4,6-trimethylphenyl)pyrrolo[2,3-d]pyrimidin-4-yl]amine: a potent radioligand for corticotropin-releasing hormone type 1 receptor. Journal of Labelled Compounds and Radiopharmaceuticals, 2000, 43, 899-908.	1.0	9
27	Synthesis of Galanthamine Analogs as Acetylcholinesterase Inhibitors via Intramolecular Heck Cyclization. Journal of the Chinese Chemical Society, 2003, 50, 449-456.	1.4	9
28	A concise synthesis of (S)-(+)-1-(4-{2-[bis-(4-fluorophenyl)methoxy]-ethyl}piperazin-1-yl)-2-phenylpropan-2-ol dimaleate. Tetrahedron: Asymmetry, 2003, 14, 3285-3289.	1.8	8
29	A Practical Asymmetric Synthesis of the ACNO Fragment of Morphine Alkaloids. Synlett, 2008, 2008, 2299-2302.	1.8	8
30	Synthesis and biological evaluation of phenothiazine derivative-containing hydroxamic acids as potent class II histone deacetylase inhibitors. European Journal of Medicinal Chemistry, 2021, 219, 113419.	5.5	8
31	5-HT7 receptor-dependent intestinal neurite outgrowth contributes to visceral hypersensitivity in irritable bowel syndrome. Laboratory Investigation, 2022, 102, 1023-1037.	3.7	7
32	Fast and Facile Synthesis of 4-Nitrophenyl 2-Azidoethylcarbamate Derivatives from N-Fmoc-Protected Î±-Amino Acids as Activated Building Blocks for Urea Moiety-Containing Compound Library. ACS Combinatorial Science, 2017, 19, 131-136.	3.8	6
33	A Novel Potential Positron Emission Tomography Imaging Agent for Vesicular Monoamine Transporter Type 2. PLoS ONE, 2016, 11, e0161295.	2.5	6
34	Synthesis and analysis of 4-(3-fluoropropyl)-glutamic acid stereoisomers to determine the stereochemical purity of (4S)-4-(3-[18F]fluoropropyl)-L-glutamic acid ([18F]FSPG) for clinical use. PLoS ONE, 2020, 15, e0243831.	2.5	5
35	Asymmetric Total Synthesis of (-)-Octahydro-1H-benzofuro[3,2-e]isoquinoline, A Partial Structure of Morphine. Journal of the Chinese Chemical Society, 2005, 52, 339-346.	1.4	3
36	Identification of Buctopamine and Mebuctopamine, a Î²2Receptor Agonist and Its Metabolite, in Swine Hair and Feed Additives. Journal of Agricultural and Food Chemistry, 2017, 65, 3965-3974.	5.2	3

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37	A novel isoquinoline derivative exhibits anti-inflammatory properties and improves the outcomes of endotoxemia. Pharmacological Reports, 2019, 71, 1281-1288.	3.3	3
38	Inhibitor development of MTH1 via high-throughput screening with fragment based library and MTH1 substrate binding cavity. Bioorganic Chemistry, 2021, 110, 104813.	4.1	3
39	Improved enamine-type addition of dehydroaporphine using microwave irradiation. Tetrahedron Letters, 2010, 51, 3062-3064.	1.4	2
40	Synthesis and evaluation of 2-(2â€²-((dimethylamino)methyl)-4â€²-(2-fluoroethoxy-substituted)phenylthio)benzenamine derivatives as potential positron emission tomography imaging agents for serotonin transporters. Bioorganic Chemistry, 2020, 97, 103654.	4.1	1
41	Synthesis of [3H](4â€fluorobutyl)propyl[2,5,6â€trimethylâ€7â€(2,4,6â€trimethylphenyl)pyrrolo[2,3â€d]pyrimidinâ€4â€yl]amine: a potent radioligand for corticotropinâ€releasing hormone type 1 receptor. Journal of Labelled Compounds and Radiopharmaceuticals, 2000, 43, 899-908.	1.0	1
42	Synthesis and Dopamine Transporter Affinity of Chiral 1-[2-[Bis(4-fluorophenyl)methoxy]ethyl]-4-(2-hydroxypropyl)piperazines as Potential Cocaine Abuse Therapeutic Agents.. ChemInform, 2003, 34, no.	0.0	0
43	Synthesis of 3â€[4â€Acylâ€2â€(1â€methoxyâ€1â€methylethyl)morpholinâ€3â€yl]â€benzonitriles as Novel Potassium Channel Openers. Journal of the Chinese Chemical Society, 2004, 51, 157-165.	1.4	0
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