

# Xuechu Zhen

## List of Publications by Year in descending order

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Version: 2024-02-01

148  
papers

5,610  
citations

61984

43  
h-index

106344

65  
g-index

149  
all docs

149  
docs citations

149  
times ranked

7656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of novel MIF inhibitors that attenuate microglial inflammatory activation by structures-based virtual screening and in vitro bioassays. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1508-1520.	6.1	10
2	Dysregulation of iron homeostasis and methamphetamine reward behaviors in <i>Clk1</i> -deficient mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1686-1698.	6.1	6
3	Dopamine D1 receptors mediate methamphetamine-induced dopaminergic damage: involvement of autophagy regulation via the AMPK/FOXO3A pathway. <i>Psychopharmacology</i> , 2022, 239, 951-964.	3.1	4
4	Allosteric Modulation of the Sigma-1 Receptor Elicits Antipsychotic-like Effects. <i>Schizophrenia Bulletin</i> , 2022, 48, 474-484.	4.3	6
5	Sigma-1 receptor regulates mitophagy in dopaminergic neurons and contributes to dopaminergic protection. <i>Neuropharmacology</i> , 2021, 196, 108360.	4.1	12
6	Glycoproteins as diagnostic and prognostic biomarkers for neurodegenerative diseases: A glycoproteomic approach. <i>Journal of Neuroscience Research</i> , 2021, 99, 1308-1324.	2.9	16
7	Early glycolytic reprogramming controls microglial inflammatory activation. <i>Journal of Neuroinflammation</i> , 2021, 18, 129.	7.2	73
8	Inhibition of neuroinflammation by MIF inhibitor 3-({[4-(4-methoxyphenyl)-6-methyl-2-pyrimidinyl]thio}1methyl)benzoic acid (Z-312). <i>International Immunopharmacology</i> , 2021, 98, 107868.	3.8	5
9	Absence of TRIM32 Leads to Reduced GABAergic Interneuron Generation and Autism-like Behaviors in Mice via Suppressing mTOR Signaling. <i>Cerebral Cortex</i> , 2020, 30, 3240-3258.	2.9	24
10	Protective Effect of Metformin against Hydrogen Peroxide-Induced Oxidative Damage in Human Retinal Pigment Epithelial (RPE) Cells by Enhancing Autophagy through Activation of AMPK Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	32
11	FoxO3a suppresses neuropeptide <i>W</i> expression in neuronal cells and in rat hypothalamus and its implication in hypothalamic-pituitary-adrenal (HPA) axis. <i>International Journal of Biological Sciences</i> , 2020, 16, 2775-2787.	6.4	3
12	Small Molecules Selectively Targeting Sigma-1 Receptor for the Treatment of Neurological Diseases. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15187-15217.	6.4	49
13	Emerging novel approaches to drug research and diagnosis of Parkinson's disease. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 439-441.	6.1	8
14	C9orf72 associates with inactive Rag GTPases and regulates mTORC1-mediated autophagosomal and lysosomal biogenesis. <i>Aging Cell</i> , 2020, 19, e13126.	6.7	34
15	Development and characterization of an inducible Dicer conditional knockout mouse model of Parkinson's disease: validation of the antiparkinsonian effects of a sigma-1 receptor agonist and dihydromyricetin. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 499-507.	6.1	25
16	PHLDA1 promotes microglia-mediated neuroinflammation via regulating K63-linked ubiquitination of TRAF6. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 640-653.	4.1	28
17	Knockdown of milk-fat globule EGF factor-8 suppresses glioma progression in GL261 glioma cells by repressing microglial M2 polarization. <i>Journal of Cellular Physiology</i> , 2020, 235, 8679-8690.	4.1	15
18	D2 receptor-mediated miRNA-143 expression is associated with the effects of antipsychotic drugs on phencyclidine-induced schizophrenia-related locomotor hyperactivity and with Neuregulin-1 expression in mice. <i>Neuropharmacology</i> , 2019, 157, 107675.	4.1	15

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19	The oncometabolite 2-hydroxyglutarate inhibits microglial activation via the AMPK/mTOR/NF- $\kappa$ B pathway. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1292-1302.	6.1	46
20	Development of Adenosine A <sub>2A</sub> Receptor Antagonists for the Treatment of Parkinson's Disease: A Recent Update and Challenge. <i>ACS Chemical Neuroscience</i> , 2019, 10, 783-791.	3.5	44
21	Developmental Genes and Regulatory Proteins, Domains of Cognitive Impairment in Schizophrenia Spectrum Psychosis and Implications for Antipsychotic Drug Discovery: The Example of Dysbindin-1 Isoforms and Beyond. <i>Frontiers in Pharmacology</i> , 2019, 10, 1638.	3.5	13
22	Macrophage migration inhibitory factor (MIF) inhibitor, Z-590 suppresses cartilage destruction in adjuvant-induced arthritis via inhibition of macrophage inflammatory activation. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 149-157.	2.4	13
23	miRNA-3473b contributes to neuroinflammation following cerebral ischemia. <i>Cell Death and Disease</i> , 2018, 9, 11.	6.3	83
24	Dysregulation of miRNA and its potential therapeutic application in schizophrenia. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 586-597.	3.9	54
25	Dihydromyricetin exerts a rapid antidepressant-like effect in association with enhancement of BDNF expression and inhibition of neuroinflammation. <i>Psychopharmacology</i> , 2018, 235, 233-244.	3.1	52
26	Sigma-1 Receptor-Modulated Neuroinflammation in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 314.	3.7	53
27	Emerging and evolving concepts in the pathobiology and treatment of psychosis. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 583-585.	3.9	2
28	Morphine-induced inhibition of Ca <sup>2+</sup> -dependent d-serine release from astrocytes suppresses excitability of GABAergic neurons in the nucleus accumbens. <i>Addiction Biology</i> , 2017, 22, 1289-1303.	2.6	16
29	The Role of BK Channel in Microglia Activation. <i>Biophysical Journal</i> , 2017, 112, 548a.	0.5	1
30	Design and optimization of purine derivatives as in vivo active PDE10A inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3315-3329.	3.0	7
31	Discovery of Novel and Selective Adenosine A <sub>2A</sub> Receptor Antagonists for Treating Parkinson's Disease through Comparative Structure-Based Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1474-1487.	5.4	45
32	Clk1-regulated aerobic glycolysis is involved in glioma chemoresistance. <i>Journal of Neurochemistry</i> , 2017, 142, 574-588.	3.9	37
33	Prediction of chemical biodegradability using computational methods. <i>Molecular Simulation</i> , 2017, 43, 1277-1290.	2.0	10
34	Dihydromyricetin protects against cerebral ischemia/reperfusion injury via suppressing microglia-mediated neuroinflammation and activation of ERK1/2-CREB signaling pathway. <i>Journal of Functional Foods</i> , 2017, 33, 76-84.	3.4	15
35	GSK-3 $\beta$ Interacts with Dopamine D1 Receptor to Regulate Receptor Function: Implication for Prefrontal Cortical D1 Receptor Dysfunction in Schizophrenia. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 174-187.	3.9	20
36	Activation of AMPK/mTORC1-Mediated Autophagy by Metformin Reverses Clk1 Deficiency-Sensitized Dopaminergic Neuronal Death. <i>Molecular Pharmacology</i> , 2017, 92, 640-652.	2.3	56

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37	Translating advances in the molecular basis of schizophrenia into novel cognitive treatment strategies. <i>British Journal of Pharmacology</i> , 2017, 174, 3173-3190.	5.4	17
38	Clk1 deficiency promotes neuroinflammation and subsequent dopaminergic cell death through regulation of microglial metabolic reprogramming. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 206-219.	4.1	42
39	Activation of Nur77 in microglia attenuates proinflammatory mediators production and protects dopaminergic neurons from inflammation-induced cell death. <i>Journal of Neurochemistry</i> , 2017, 140, 589-604.	3.9	32
40	Functional reversal of (α)-Stepholidine analogues by replacement of benzazepine substructure using the ring expansion strategy. <i>Chemical Biology and Drug Design</i> , 2016, 88, 599-607.	3.2	5
41	Allosteric Modulation of Sigma-1 Receptors Elicits Rapid Antidepressant Activity. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 368-377.	3.9	37
42	Dihydromyricetin protects neurons in an MPTP-induced model of Parkinson's disease by suppressing glycogen synthase kinase-3 beta activity. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1315-1324.	6.1	77
43	GSK-β <sup>2</sup> inhibitors reverse cocaine-induced synaptic transmission dysfunction in the nucleus accumbens. <i>Synapse</i> , 2016, 70, 461-470.	1.2	13
44	Identification of a New Series of Potent Adenosine A <sub>2A</sub> Receptor Antagonists Based on 4-Amino-5-carbonitrile Pyrimidine Template for the Treatment of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1575-1584.	3.5	15
45	Inhibition of macrophage migration inhibitory factor (MIF) tautomerase activity suppresses microglia-mediated inflammatory responses. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1134-1144.	1.9	39
46	Phosphodiesterase 10A inhibition attenuates sleep deprivation-induced deficits in long-term fear memory. <i>Neuroscience Letters</i> , 2016, 635, 44-50.	2.1	10
47	LLDT-8 protects against cerebral ischemia/reperfusion injury by suppressing post-stroke inflammation. <i>Journal of Pharmacological Sciences</i> , 2016, 131, 131-137.	2.5	34
48	Accessible Method for the Development of Novel Sterol Analogues with Dipeptide-like Side Chains That Act as Neuroinflammation Inhibitors. <i>ACS Chemical Neuroscience</i> , 2016, 7, 305-315.	3.5	5
49	Inhibition of Neuroinflammation by Synthetic Androstene Derivatives Incorporating Amino Acid Methyl Esters on Activated BV-2 Microglia. <i>ChemMedChem</i> , 2015, 10, 610-616.	3.2	8
50	Allosteric modulation of sigma-1 receptors elicits anti-seizure activities. <i>British Journal of Pharmacology</i> , 2015, 172, 4052-4065.	5.4	33
51	Allosteric modulation of sigma-1 receptors by SKF-83959 inhibits microglia-mediated inflammation. <i>Journal of Neurochemistry</i> , 2015, 134, 904-914.	3.9	56
52	Neuropharmacological Actions of Metformin in Stroke. <i>Current Neuropharmacology</i> , 2015, 13, 389-394.	2.9	40
53	Higher-Affinity Agonists of 5-HT <sub>1A</sub> R Discovered through Tuning the Binding-Site Flexibility. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1616-1627.	5.4	11
54	Mice heterozygous for cathepsin D deficiency exhibit mania-related behavior and stress-induced depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 63, 110-118.	4.8	20

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55	Discovery of novel potent and selective ligands for 5-HT <sub>2A</sub> receptor with quinazoline scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3970-3974.	2.2	13
56	Anti-inflammatory effects of glaucocalyxin B in microglia cells. <i>Journal of Pharmacological Sciences</i> , 2015, 128, 35-46.	2.5	52
57	Discovery of 4-benzoylpiperidine and 3-(piperidin-4-yl)benzo[d]isoxazole derivatives as potential and selective GlyT1 inhibitors. <i>RSC Advances</i> , 2015, 5, 40964-40977.	3.6	4
58	Prefrontal cortex gates acute morphine action on dopamine neurons in the ventral tegmental area. <i>Neuropharmacology</i> , 2015, 95, 299-308.	4.1	17
59	MicroRNA let-7c-5p protects against cerebral ischemia injury via mechanisms involving the inhibition of microglia activation. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 75-85.	4.1	142
60	Glial Pathology in Bipolar Disorder: Potential Therapeutic Implications. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 393-397.	3.9	31
61	Design, synthesis and evaluation of a series of non-steroidal anti-inflammatory drug conjugates as novel neuroinflammatory inhibitors. <i>International Immunopharmacology</i> , 2015, 25, 528-537.	3.8	26
62	Induction of COX-2-PGE <sub>2</sub> synthesis by activation of the MAPK/ERK pathway contributes to neuronal death triggered by TDP-43-depleted microglia. <i>Cell Death and Disease</i> , 2015, 6, e1702-e1702.	6.3	87
63	Structure-Activity Relationships and Anti-inflammatory Activities of <i>N</i> -Carbamothioylformamide Analogues as MIF Tautomerase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1994-2004.	5.4	6
64	Protease Omi facilitates neurite outgrowth in mouse neuroblastoma N2a cells by cleaving transcription factor E2F1. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 966-975.	6.1	18
65	Absorption, Distribution, Metabolism, Excretion, and Toxicity Evaluation in Drug Discovery. 14. Prediction of Human Pregnane X Receptor Activators by Using Naive Bayesian Classification Technique. <i>Chemical Research in Toxicology</i> , 2015, 28, 116-125.	3.3	29
66	Rotenone impairs autophagic flux and lysosomal functions in Parkinson's disease. <i>Neuroscience</i> , 2015, 284, 900-911.	2.3	90
67	Sigma-2 Receptor Ligands: Neurobiological Effects. <i>Current Medicinal Chemistry</i> , 2015, 22, 989-1003.	2.4	58
68	Inhibition of phosphodiesterase 10A attenuates morphine-induced conditioned place preference. <i>Molecular Brain</i> , 2014, 7, 70.	2.6	22
69	Effects of SKF83959 on the excitability of hippocampal CA1 pyramidal neurons: a modeling study. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 738-751.	6.1	4
70	Mutation of SLC35D3 Causes Metabolic Syndrome by Impairing Dopamine Signaling in Striatal D1 Neurons. <i>PLoS Genetics</i> , 2014, 10, e1004124.	3.5	33
71	Robo3.1A suppresses Slit-mediated repulsion by triggering degradation of Robo2. <i>Journal of Neuroscience Research</i> , 2014, 92, 835-846.	2.9	8
72	CaMKK $\beta$ -Dependent Activation of AMP-Activated Protein Kinase Is Critical to Suppressive Effects of Hydrogen Sulfide on Neuroinflammation. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1741-1758.	5.4	116

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73	Naja naja atra venom ameliorates pulmonary fibrosis by inhibiting inflammatory response and oxidative stress. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 461.	3.7	15
74	Topsendines Aâ€ƒF, new 3-alkylpyridine alkaloids from a Hainan sponge <i>Topsentia</i> sp.. <i>Tetrahedron</i> , 2014, 70, 3166-3171.	1.9	10
75	Replacement of amide with bioisosteres led to a new series of potent adenosine A2A receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 152-155.	2.2	13
76	Structural manipulation on the catecholic fragment of dopamine D1 receptor agonist 1-phenyl-N-methyl-benzazepines. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 16-26.	5.5	11
77	Discovery of Novel Inhibitors Targeting the Macrophage Migration Inhibitory Factor via Structure-Based Virtual Screening and Bioassays. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3737-3745.	6.4	66
78	Assessing an Ensemble Docking-Based Virtual Screening Strategy for Kinase Targets by Considering Protein Flexibility. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2664-2679.	5.4	96
79	(6aR)-11-Amino-N-propyl-noraporphine, a new dopamine D2 and serotonin 5-HT1A dual agonist, elicits potent antiparkinsonian action and attenuates levodopa-induced dyskinesia in a 6-OHDA-lesioned rat model of Parkinson's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 204-210.	2.9	24
80	Optimization of 6-Heterocyclic-2-(1 <i>H</i> -pyrazol-1-yl)- <i>N</i> -(pyridin-2-yl)pyrimidin-4-amine as Potent Adenosine A <sub>2A</sub> Receptor Antagonists for the Treatment of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2014, 5, 674-682.	3.5	20
81	Design, synthesis and evaluation of benzo[a]thieno[3,2-g]quinolizines as novel l-SPD derivatives possessing dopamine D1, D2 and serotonin 5-HT1A multiple action profiles. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5838-5846.	3.0	9
82	Synthesis of 5 $\beta$ -cholestan-6-one derivatives and their inhibitory activities of NO production in activated microglia: Discovery of a novel neuroinflammation inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1222-1227.	2.2	20
83	Improvement of functional recovery by chronic metformin treatment is associated with enhanced alternative activation of microglia/macrophages and increased angiogenesis and neurogenesis following experimental stroke. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 131-142.	4.1	234
84	1-O-Tigloyl-1-O-deacetyl-nimbolin B Inhibits LPS-Stimulated Inflammatory Responses by Suppressing NF- $\kappa$ B and JNK Activation in Microglia Cells. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 364-374.	2.5	37
85	Antiinflammatory Effects of Orientin-2- <i>O</i> -Galactopyranoside on Lipopolysaccharide-Stimulated Microglia. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1282-1294.	1.4	33
86	A Computational Perspective on Drug Discovery and Signal Transduction Mechanism of Dopamine and Serotonin Receptors in the Treatment of Schizophrenia. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 916-926.	1.6	5
87	Differential mechanisms underlying neuroprotection of hydrogen sulfide donors against oxidative stress. <i>Neurochemistry International</i> , 2013, 62, 1072-1078.	3.8	60
88	Molecular Modeling of the 3D Structure of 5-HT1AR: Discovery of Novel 5-HT1AR Agonists via Dynamic Pharmacophore-Based Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 3202-3211.	5.4	26
89	Delayed administration of a PTEN inhibitor BPV improves functional recovery after experimental stroke. <i>Neuroscience</i> , 2013, 231, 272-281.	2.3	76
90	Asymmetric total synthesis and identification of tetrahydroprotoberberine derivatives as new antipsychotic agents possessing a dopamine D1, D2 and serotonin 5-HT1A multi-action profile. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 856-868.	3.0	64

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91	Update 1 of: Recent Progress in Development of Dopamine Receptor Subtype-Selective Agents: Potential Therapeutics for Neurological and Psychiatric Disorders. <i>Chemical Reviews</i> , 2013, 113, PR123-PR178.	47.7	77
92	Current developments of macrophage migration inhibitory factor (MIF) inhibitors. <i>Drug Discovery Today</i> , 2013, 18, 592-600.	6.4	81
93	SKF83959 is a novel triple reuptake inhibitor that elicits anti-depressant activity. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1149-1155.	6.1	17
94	CMYA5: a new potential substrate of Kcna3 in human heart. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 236-238.	2.0	2
95	SKF83959 Is a Potent Allosteric Modulator of Sigma-1 Receptor. <i>Molecular Pharmacology</i> , 2013, 83, 577-586.	2.3	47
96	Design, Synthesis, and Evaluation of Indolebutylamines as a Novel Class of Selective Dopamine $D_3$ Receptor Ligands. <i>Chemical Biology and Drug Design</i> , 2013, 82, 326-335.	3.2	4
97	Postischemic Administration of a Potent $PTEN$ Inhibitor Reduces Spontaneous Lung Infection Following Experimental Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 990-993.	3.9	2
98	Synthesis, preliminary pharmacological evaluation and receptor docking studies of 10-amino-3-methoxy-6,8,12,12a-tetrahydro-5H-thiazolo[4',5':4,5]pyrido[2,1-a]isoquinolin-2-ols as novel dopamine $D_1$ receptor inhibitors. <i>Vedic Research International Biological Medicinal Chemistry</i> , 2013, 1, 38.	0.0	0
99	Design, synthesis, and pharmacological evaluation of novel tetrahydroprotoberberine derivatives: Selective inhibitors of dopamine $D_1$ receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4862-4871.	3.0	27
100	L166P mutant DJ-1 promotes cell death by dissociating Bax from mitochondrial Bcl-XL. <i>Molecular Neurodegeneration</i> , 2012, 7, 40.	10.8	32
101	Generation and characterization of hD5 and C-terminal Mutant hD5m transgenic rats. <i>Brain Research</i> , 2012, 1448, 27-41.	2.2	1
102	GABA Neurons in the Ventral Tegmental Area Responding to Peripheral Sensory Input. <i>PLoS ONE</i> , 2012, 7, e51507.	2.5	11
103	Methylphenidate Enhances NMDA-Receptor Response in Medial Prefrontal Cortex via Sigma-1 Receptor: A Novel Mechanism for Methylphenidate Action. <i>PLoS ONE</i> , 2012, 7, e51910.	2.5	28
104	Identification of <i>N</i> -Propylnoraporphin-11-yl 5-(1,2-Dithiolan-3-yl)pentanoate as a New Anti-Parkinson's Agent Possessing a Dopamine $D_2$ and Serotonin 5-HT $_{1A}$ Dual-Agonist Profile. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4324-4338.	6.4	40
105	Further SAR study on 11-O-substituted aporphine analogues: Identification of highly potent dopamine $D_3$ receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1999-2008.	3.0	17
106	SKF83959 suppresses excitatory synaptic transmission in rat hippocampus via a dopamine receptor-independent mechanism. <i>Journal of Neuroscience Research</i> , 2011, 89, 1259-1266.	2.9	16
107	The Retardation of Myometrial Infiltration, Reduction of Uterine Contractility, and Alleviation of Generalized Hyperalgesia in Mice With Induced Adenomyosis by Levo-Tetrahydropalmatine (L-THP) and Andrographolide. <i>Reproductive Sciences</i> , 2011, 18, 1025-1037.	2.5	53
108	Levo-Tetrahydropalmatine Retards the Growth of Ectopic Endometrial Implants and Alleviates Generalized Hyperalgesia in Experimentally Induced Endometriosis in Rats. <i>Reproductive Sciences</i> , 2011, 18, 28-45.	2.5	41

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109	Activation of phosphatidylinositol-linked D1-like receptors increases spontaneous glutamate release in rat somatosensory cortical neurons in vitro. <i>Brain Research</i> , 2010, 1343, 20-27.	2.2	20
110	Hyperpolarization-activated, cyclic nucleotide-gated (HCN) channels in the regulation of midbrain dopamine systems. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 1036-1043.	6.1	41
111	Synthesis of Dihydrofuroaporphine Derivatives: Identification of a Potent and Selective Serotonin 5-HT <sub>1A</sub> Receptor Agonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1319-1328.	6.4	37
112	l-Stepholidine reduced l-DOPA-induced dyskinesia in 6-OHDA-lesioned rat model of Parkinson's disease. <i>Neurobiology of Aging</i> , 2010, 31, 926-936.	3.1	39
113	Tetrahydroberberine blocks ATP-sensitive potassium channels in dopamine neurons acutely-dissociated from rat substantia nigra pars compacta. <i>Neuropharmacology</i> , 2010, 59, 567-572.	4.1	29
114	Electrophysiological Effects of SKF83959 on Hippocampal CA1 Pyramidal Neurons: Potential Mechanisms for the Drug's Neuroprotective Effects. <i>PLoS ONE</i> , 2010, 5, e13118.	2.5	12
115	Activation of Phosphatidylinositol-Linked D1-Like Receptor Modulates FGF-2 Expression in Astrocytes via IP3-Dependent Ca <sup>2+</sup> Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 7766-7775.	3.6	52
116	Dopamine D <sub>1</sub> receptor ligands: Where are we now and where are we going. <i>Medicinal Research Reviews</i> , 2009, 29, 272-294.	10.5	117
117	Click™ D1 receptor agonists with a 5-HT <sub>1A</sub> receptor pharmacophore producing D2 receptor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4873-4880.	3.0	37
118	Distinctive nicotinic acetylcholine receptor functional phenotypes of rat ventral tegmental area dopaminergic neurons. <i>Journal of Physiology</i> , 2009, 587, 345-361.	2.9	69
119	PSD-95 regulates D1 dopamine receptor resensitization, but not receptor-mediated Gs-protein activation. <i>Cell Research</i> , 2009, 19, 612-624.	12.0	25
120	Evaluation of the antipsychotic effect of bi-acetylated l-stepholidine (l-SPD-A), a novel dopamine and serotonin receptor dual ligand. <i>Schizophrenia Research</i> , 2009, 115, 41-49.	2.0	27
121	Arylbenzazepines Are Potent Modulators for the Delayed Rectifier K <sup>+</sup> Channel: A Potential Mechanism for Their Neuroprotective Effects. <i>PLoS ONE</i> , 2009, 4, e5811.	2.5	11
122	Recent Development in Studies of Tetrahydroprotoberberines: Mechanism in Antinociception and Drug Addiction. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 491-499.	3.3	129
123	Estrogen regulates responses of dopamine neurons in the ventral tegmental area to cocaine. <i>Psychopharmacology</i> , 2008, 199, 625-635.	3.1	82
124	Synthesis and pharmacological investigation of novel 2-aminothiazole-privileged aporphines. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6675-6681.	3.0	23
125	N-Propylnoraporphin-11-O-yl carboxylic esters as potent dopamine D2 and serotonin 5-HT <sub>1A</sub> receptor dual ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8335-8338.	3.0	12
126	Synthesis of 6-substituted 1-phenylbenzazepines and their dopamine D1 receptor activities. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9425-9431.	3.0	12

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127	Neuroprotective effects of atypical D <sub>1</sub> receptor agonist SKF83959 are mediated via D <sub>1</sub> receptor-dependent inhibition of glycogen synthase kinase-3 <sup>β</sup> and a receptor-independent anti-oxidative action. <i>Journal of Neurochemistry</i> , 2008, 104, 946-956.	3.9	53
128	Single Dose of Morphine Produced a Prolonged Effect on Dopamine Neuron Activities. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-57.	2.1	31
129	Recent Developments in Studies of l-Stepholidine and its Analogs: Chemistry, Pharmacology and Clinical Implications. <i>Current Medicinal Chemistry</i> , 2007, 14, 2996-3002.	2.4	53
130	Chronic SKF83959 induced less severe dyskinesia and attenuated L-DOPA-induced dyskinesia in 6-OHDA-lesioned rat model of Parkinson's disease. <i>Neuropharmacology</i> , 2007, 53, 125-133.	4.1	44
131	Estrogen-modulated frontal cortical CaMKII activity and behavioral supersensitization induced by prolonged cocaine treatment in female rats. <i>Psychopharmacology</i> , 2007, 191, 323-331.	3.1	13
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