

Xuechu Zhen

List of Publications by Year in descending order

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148
papers

5,610
citations

61984

43
h-index

106344

65
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149
all docs

149
docs citations

149
times ranked

7656
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteopontin Gene Regulation by Oscillatory Fluid Flow via Intracellular Calcium Mobilization and Activation of Mitogen-activated Protein Kinase in MC3T3â€‘E1 Osteoblasts. <i>Journal of Biological Chemistry</i> , 2001, 276, 13365-13371.	3.4	342
2	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
3	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
4	SKF83959 selectively regulates phosphatidylinositolâ€‘linked D₁ dopamine receptors in rat brain. <i>Journal of Neurochemistry</i> , 2003, 85, 378-386.	3.9	129
5	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
6	Dopamine D₁ receptor ligands: Where are we now and where are we going. <i>Medicinal Research Reviews</i> , 2009, 29, 272-294.	10.5	117
7	CaMKÎ²-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
8	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
9	Rotenone impairs autophagic flux and lysosomal functions in Parkinsonâ€™s disease. <i>Neuroscience</i> , 2015, 284, 900-911.	2.3	90
10	Mitogen-activated Protein Kinase p38 Mediates Regulation of Chondrocyte Differentiation by Parathyroid Hormone. <i>Journal of Biological Chemistry</i> , 2001, 276, 4879-4885.	3.4	88
11	Induction of COX-2-PGE2 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
12	miRNA-3473b contributes to neuroinflammation following cerebral ischemia. <i>Cell Death and Disease</i> , 2018, 9, 11.	6.3	83
13	Estrogen regulates responses of dopamine neurons in the ventral tegmental area to cocaine. <i>Psychopharmacology</i> , 2008, 199, 625-635.	3.1	82
14	Current developments of macrophage migration inhibitory factor (MIF) inhibitors. <i>Drug Discovery Today</i> , 2013, 18, 592-600.	6.4	81
15	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
16	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
17	Delayed administration of a PTEN inhibitor BPV improves functional recovery after experimental stroke. <i>Neuroscience</i> , 2013, 231, 272-281.	2.3	76
18	Activation of Extracellular Signal-Regulated Protein Kinases Is Associated with a Sensitized Locomotor Response to D₂ Dopamine Receptor Stimulation in Unilateral 6-Hydroxydopamine-Lesioned Rats. <i>Journal of Neuroscience</i> , 2000, 20, 1849-1857.	3.6	74

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19	D ₁ Dopamine Receptor Agonists Mediate Activation of p38 Mitogen-Activated Protein Kinase and c-Jun Amino-Terminal Kinase by a Protein Kinase A-Dependent Mechanism in SK-N-MC Human Neuroblastoma Cells. <i>Molecular Pharmacology</i> , 1998, 54, 453-458.	2.3	73
20	Early glycolytic reprogramming controls microglial inflammatory activation. <i>Journal of Neuroinflammation</i> , 2021, 18, 129.	7.2	73
21	Age-Associated Impairment in Brain MAPK Signal Pathways and the Effect of Caloric Restriction in Fischer 344 Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1999, 54, B539-B548.	3.6	72
22	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
23	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
24	Prenatal Exposure to Cocaine Disrupts D _{1A} Dopamine Receptor Function Via Selective Inhibition of Protein Phosphatase 1 Pathway in Rabbit Frontal Cortex. <i>Journal of Neuroscience</i> , 2001, 21, 9160-9167.	3.6	65
25	Asymmetric total synthesis and identification of tetrahydroprotoberberine derivatives as new antipsychotic agents possessing a dopamine D ₁ , D ₂ and serotonin 5-HT _{1A} multi-action profile. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 856-868.	3.0	64
26	Differential mechanisms underlying neuroprotection of hydrogen sulfide donors against oxidative stress. <i>Neurochemistry International</i> , 2013, 62, 1072-1078.	3.8	60
27	Modulation of Ca ²⁺ signals by phosphatidylinositol-linked novel D ₁ dopamine receptor in hippocampal neurons. <i>Journal of Neurochemistry</i> , 2006, 98, 1316-1323.	3.9	58
28	Sigma-2 Receptor Ligands: Neurobiological Effects. <i>Current Medicinal Chemistry</i> , 2015, 22, 989-1003.	2.4	58
29	Allosteric modulation of sigma ₁ receptors by SKF83959 inhibits microglia-mediated inflammation. <i>Journal of Neurochemistry</i> , 2015, 134, 904-914.	3.9	56
30	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
31	The p38 Mitogen-Activated Protein Kinase Is Involved in Associative Learning in Rabbits. <i>Journal of Neuroscience</i> , 2001, 21, 5513-5519.	3.6	54
32	Dysregulation of miRNA and its potential therapeutic application in schizophrenia. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 586-597.	3.9	54
33	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
34	Neuroprotective effects of atypical D ₁ receptor agonist SKF83959 are mediated via D ₁ receptor-dependent inhibition of glycogen synthase kinase-3 β and a receptor-independent anti-oxidative action. <i>Journal of Neurochemistry</i> , 2008, 104, 946-956.	3.9	53
35	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
36	Sigma-1 Receptor-Modulated Neuroinflammation in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 314.	3.7	53

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37	Activation of Phosphatidylinositol-Linked D1-Like Receptor Modulates FGF-2 Expression in Astrocytes via IP3-Dependent Ca ²⁺ Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 7766-7775.	3.6	52
38	Anti-inflammatory effects of glaucocalyxin B in microglia cells. <i>Journal of Pharmacological Sciences</i> , 2015, 128, 35-46.	2.5	52
39	Dihydropyridinone 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
40	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
41	SKF83959 Is a Potent Allosteric Modulator of Sigma-1 Receptor. <i>Molecular Pharmacology</i> , 2013, 83, 577-586.	2.3	47
42	The oncometabolite 2-hydroxyglutarate inhibits microglial activation via the AMPK/mTOR/NF- κ B pathway. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1292-1302.	6.1	46
43	The role of the phosphatidylinositol-linked D dopamine receptor in the pharmacology of SKF83959. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 597-601.	2.9	45
44	Discovery of Novel and Selective Adenosine A _{2A} 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
45	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
46	Development of Adenosine A _{2A} 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
47	Platelet-Derived Growth Factor Stimulates Sodium-Dependent Pi Transport in Osteoblastic Cells via Phospholipase C β 3 and Phosphatidylinositol 3-kinase. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 36-44.	2.8	43
48	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
49	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
50	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
51	Identification of N-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
52	Neuropharmacological Actions of Metformin in Stroke. <i>Current Neuropharmacology</i> , 2015, 13, 389-394.	2.9	40
53	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
54	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

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55	Click™ D1 receptor agonists with a 5-HT _{1A} receptor pharmacophore producing D2 receptor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4873-4880.	3.0	37
56	Synthesis of Dihydrofuroaporphine Derivatives: Identification of a Potent and Selective Serotonin 5-HT _{1A} Receptor Agonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1319-1328.	6.4	37
57	1-O-Tigloyl-1-O-deacetyl-nimbolin B Inhibits LPS-Stimulated Inflammatory Responses by Suppressing NF- κ B and JNK Activation in Microglia Cells. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 364-374.	2.5	37
58	Allosteric Modulation of Sigma κ 1 Receptors Elicits Rapid Antidepressant Activity. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 368-377.	3.9	37
59	Clk1-regulated aerobic glycolysis is involved in glioma chemoresistance. <i>Journal of Neurochemistry</i> , 2017, 142, 574-588.	3.9	37
60	Inhibition of Protein Tyrosine/Mitogen-Activated Protein Kinase Phosphatase Activity Is Associated with D2 Dopamine Receptor Supersensitivity in a Rat Model of Parkinson's Disease. <i>Molecular Pharmacology</i> , 2002, 62, 1356-1363.	2.3	35
61	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
62	C9orf72 associates with inactive Rag GTPases and regulates mTORC1-mediated autophagosomal and lysosomal biogenesis. <i>Aging Cell</i> , 2020, 19, e13126.	6.7	34
63	Mutation of SLC35D3 Causes Metabolic Syndrome by Impairing Dopamine Signaling in Striatal D1 Neurons. <i>PLoS Genetics</i> , 2014, 10, e1004124.	3.5	33
64	Antiinflammatory Effects of Orientin-2-O-Galactopyranoside on Lipopolysaccharide-Stimulated Microglia. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1282-1294.	1.4	33
65	Allosteric modulation of sigma κ 1 receptors elicits anti-seizure activities. <i>British Journal of Pharmacology</i> , 2015, 172, 4052-4065.	5.4	33
66	Regulation of Cyclin-Dependent Kinase 5 and Calcium/Calmodulin-Dependent Protein Kinase II by Phosphatidylinositol-Linked Dopamine Receptor in Rat Brain. <i>Molecular Pharmacology</i> , 2004, 66, 1500-1507.	2.3	32
67	L166P mutant DJ-1 promotes cell death by dissociating Bax from mitochondrial Bcl-XL. <i>Molecular Neurodegeneration</i> , 2012, 7, 40.	10.8	32
68	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
69	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
70	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
71	Glial Pathology in Bipolar Disorder: Potential Therapeutic Implications. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 393-397.	3.9	31
72	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

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73	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
74	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
75	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
76	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
77	Design, synthesis, and pharmacological evaluation of novel tetrahydroprotoberberine derivatives: Selective inhibitors of dopamine D1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4862-4871.	3.0	27
78	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
79	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
80	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
81	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
82	(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
83	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
84	Synthesis and pharmacological investigation of novel 2-aminothiazole-privileged aporphines. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6675-6681.	3.0	23
85	Inhibition of phosphodiesterase10A attenuates morphine-induced conditioned place preference. <i>Molecular Brain</i> , 2014, 7, 70.	2.6	22
86	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
87	Optimization of 6-Heterocyclic-2-(1H-pyrazol-1-yl)-N-(pyridin-2-yl)pyrimidin-4-amine as Potent Adenosine A _{2A} Receptor Antagonists for the Treatment of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2014, 5, 674-682.	3.5	20
88	Synthesis of 5 β -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
89	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
90	GSK-3 β 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

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91	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
92	Further SAR study on 11-O-substituted aporphine analogues: Identification of highly potent dopamine D3 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1999-2008.	3.0	17
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	Prefrontal cortex gates acute morphine action on dopamine neurons in the ventral tegmental area. <i>Neuropharmacology</i> , 2015, 95, 299-308.	4.1	17
95	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
96	Prenatal cocaine exposure alters glycogen synthase kinase-3 β (GSK3 β) pathway in select rabbit brain areas. <i>Neuroscience Letters</i> , 2003, 349, 143-146.	2.1	16
97	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
98	Morphine-induced inhibition of Ca ²⁺ -dependent Ca^{2+} -serine release from astrocytes suppresses excitability of GABAergic neurons in the nucleus accumbens. <i>Addiction Biology</i> , 2017, 22, 1289-1303.	2.6	16
99	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
100	<i>Naja naja</i> 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
101	Identification of a New Series of Potent Adenosine A _{2A} 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
102	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
103	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
104	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
105	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
106	Replacement of amide with bioisosteres led to a new series of potent adenosine A _{2A} receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 152-155.	2.2	13
107	Discovery of novel potent and selective ligands for 5-HT _{2A} receptor with quinazoline scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3970-3974.	2.2	13
108	GSK-3 β inhibitors reverse cocaine-induced synaptic transmission dysfunction in the nucleus accumbens. <i>Synapse</i> , 2016, 70, 461-470.	1.2	13

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109	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
110	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
111	N-Propylnoraporphin-11-O-yl carboxylic esters as potent dopamine D2 and serotonin 5-HT1A receptor dual ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8335-8338.	3.0	12
112	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
113	Sigma-1 receptor regulates mitophagy in dopaminergic neurons and contributes to dopaminergic protection. <i>Neuropharmacology</i> , 2021, 196, 108360.	4.1	12
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	Lithium regulates protein tyrosine phosphatase activity in vitro and in vivo. <i>Psychopharmacology</i> , 2002, 162, 379-384.	3.1	11
116	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
117	Higher-Affinity Agonists of 5-HT _{1A} R Discovered through Tuning the Binding-Site Flexibility. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1616-1627.	5.4	11
118	Arylbenzazepines Are Potent Modulators for the Delayed Rectifier K ⁺ Channel: A Potential Mechanism for Their Neuroprotective Effects. <i>PLoS ONE</i> , 2009, 4, e5811.	2.5	11
119	GABA Neurons in the Ventral Tegmental Area Responding to Peripheral Sensory Input. <i>PLoS ONE</i> , 2012, 7, e51507.	2.5	11
120	Topsendines A ⁺ F, new 3-alkylpyridine alkaloids from a Hainan sponge <i>Topsentia</i> sp.. <i>Tetrahedron</i> , 2014, 70, 3166-3171.	1.9	10
121	Phosphodiesterase 10A inhibition attenuates sleep deprivation-induced deficits in long-term fear memory. <i>Neuroscience Letters</i> , 2016, 635, 44-50.	2.1	10
122	Prediction of chemical biodegradability using computational methods. <i>Molecular Simulation</i> , 2017, 43, 1277-1290.	2.0	10
123	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
124	Design, synthesis and evaluation of benzo[a]thieno[3,2-g]quinolizines as novel I-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
125	Robo3.1A suppresses Slit-mediated repulsion by triggering degradation of Robo2. <i>Journal of Neuroscience Research</i> , 2014, 92, 835-846.	2.9	8
126	Inhibition of Neuroinflammation by Synthetic Androstene Derivatives Incorporating Amino Acid Methyl Esters on Activated BV ⁺ Microglia. <i>ChemMedChem</i> , 2015, 10, 610-616.	3.2	8

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127	Emerging novel approaches to drug research and diagnosis of Parkinson's disease. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 439-441.	6.1	8
128	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
129	Development and Evaluation of Novel Metformin Derivative Metformin Threonate for Brain Ischemia Treatment. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	7
130	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
131	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
132	Allosteric Modulation of the Sigma-1 Receptor Elicits Antipsychotic-like Effects. <i>Schizophrenia Bulletin</i> , 2022, 48, 474-484.	4.3	6
133	Functional reversal of σ^1 -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
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