

Gang Hu

List of Publications by Year in descending order

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134
papers

7,817
citations

47006

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times ranked

9863
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#	ARTICLE	IF	CITATIONS
1	Fluoxetine inhibited the activation of A1 reactive astrocyte in a mouse model of major depressive disorder through astrocytic 5-HT2BR/ β 2-arrestin2 pathway. <i>Journal of Neuroinflammation</i> , 2022, 19, 23.	7.2	27
2	Aquaporin-4 deletion attenuates opioid-induced addictive behaviours associated with dopamine levels in nucleus accumbens. <i>Neuropharmacology</i> , 2022, 208, 108986.	4.1	7
3	ATP13A2 protects dopaminergic neurons in Parkinson's disease: from biology to pathology. <i>Journal of Biomedical Research</i> , 2022, 36, 98.	1.6	4
4	Neuronal NR4A1 deficiency drives complement-coordinated synaptic stripping by microglia in a mouse model of lupus. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 50.	17.1	19
5	Neuronal SH2B1 attenuates apoptosis in an MPTP mouse model of Parkinson's disease via promoting PLIN4 degradation. <i>Redox Biology</i> , 2022, 52, 102308.	9.0	4
6	Novel Caspase-1 inhibitor CZL80 improves neurological function in mice after progressive ischemic stroke within a long therapeutic time-window. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2817-2827.	6.1	6
7	MK2 is a therapeutic target for high-risk multiple myeloma. <i>Haematologica</i> , 2021, 106, 1774-1777.	3.5	6
8	Ube2b-dependent degradation of DNMT3a relieves a transcriptional brake on opiate-induced synaptic and behavioral plasticity. <i>Molecular Psychiatry</i> , 2021, 26, 1162-1177.	7.9	8
9	Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G protein-coupled receptors. <i>Journal of Biological Chemistry</i> , 2021, 296, 100517.	3.4	13
10	β 2-arrestin 2 is essential for fluoxetine-mediated promotion of hippocampal neurogenesis in a mouse model of depression. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 679-690.	6.1	12
11	Opposing functions of β 2-arrestin 1 and 2 in Parkinson's disease via microglia inflammation and Nprl3. <i>Cell Death and Differentiation</i> , 2021, 28, 1822-1836.	11.2	30
12	AIM2 controls microglial inflammation to prevent experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	51
13	Nuclear isoform of FGF13 regulates post-natal neurogenesis in the hippocampus through an epigenomic mechanism. <i>Cell Reports</i> , 2021, 35, 109127.	6.4	5
14	Kaempferol alleviates LD-mitochondrial damage by promoting autophagy: Implications in Parkinson's disease. <i>Redox Biology</i> , 2021, 41, 101911.	9.0	43
15	Acaulides A-C, Neuroprotective Diels-Alder Adducts from Solid-State Cultivated <i>Acaulium</i> sp. HJQSF. <i>Organic Letters</i> , 2021, 23, 5587-5591.	4.6	12
16	Astrocytic Kir6.1 deletion aggravates neurodegeneration in the lipopolysaccharide-induced mouse model of Parkinson's disease via astrocyte-neuron cross talk through complement C3-C3R signaling. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 310-320.	4.1	19
17	Quercetin hinders microglial activation to alleviate neurotoxicity via the interplay between NLRP3 inflammasome and mitophagy. <i>Redox Biology</i> , 2021, 44, 102010.	9.0	179
18	Kir6.2 is essential to maintain neurite features by modulating PM20D1-reduced mitochondrial ATP generation. <i>Redox Biology</i> , 2021, 47, 102168.	9.0	5

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19	NLRP3/caspase-1/GSDMD-mediated pyroptosis exerts a crucial role in astrocyte pathological injury in mouse model of depression. <i>JCI Insight</i> , 2021, 6, .	5.0	74
20	CircDYM ameliorates depressive-like behavior by targeting miR-9 to regulate microglial activation via HSP90 ubiquitination. <i>Molecular Psychiatry</i> , 2020, 25, 1175-1190.	7.9	108
21	Aquaporin 4 deletion exacerbates brain impairments in a mouse model of chronic sleep disruption. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 228-239.	3.9	31
22	Aberrant Correlation Between the Default Mode and Salience Networks in Mild Traumatic Brain Injury. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 68.	2.1	5
23	Drd2 biased agonist prevents neurodegeneration against NLRP3 inflammasome in Parkinson's disease model via a β -arrestin2-biased mechanism. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 259-271.	4.1	27
24	2019 Overview. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 287-287.	3.9	0
25	Hypothalamus-pituitary-adrenal axis imbalance and inflammation contribute to sex differences in separation- and restraint-induced depression. <i>Hormones and Behavior</i> , 2020, 122, 104741.	2.1	19
26	Pyridoxine induces glutathione synthesis via PKM2-mediated Nrf2 transactivation and confers neuroprotection. <i>Nature Communications</i> , 2020, 11, 941.	12.8	86
27	Structure-based discovery of CZL80, a caspase-1 inhibitor with therapeutic potential for febrile seizures and later enhanced epileptogenic susceptibility. <i>British Journal of Pharmacology</i> , 2020, 177, 3519-3534.	5.4	26
28	Kynurenine regulates NLRP2 inflammasome in astrocytes and its implications in depression. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 471-481.	4.1	57
29	Lactate enhances Arc/arg3.1 expression through hydroxycarboxylic acid receptor 1- β -arrestin2 pathway in astrocytes. <i>Neuropharmacology</i> , 2020, 171, 108084.	4.1	21
30	Astragaloside IV inhibits astrocyte senescence: implication in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 105.	7.2	63
31	Induced Expression of kir6.2 in A1 Astrocytes Propagates Inflammatory Neurodegeneration via Drp1-dependent Mitochondrial Fission. <i>Frontiers in Pharmacology</i> , 2020, 11, 618992.	3.5	11
32	Co-localization of circDYM with miR-9 in microglia. <i>Molecular Psychiatry</i> , 2020, 25, 1155-1155.	7.9	1
33	Extracellular Vesicle-Mediated Delivery of Circular RNA SCM1 Promotes Functional Recovery in Rodent and Nonhuman Primate Ischemic Stroke Models. <i>Circulation</i> , 2020, 142, 556-574.	1.6	198
34	The pore-forming subunit Kir6.1 of the K-ATP channel negatively regulates the NLRP3 inflammasome to control insulin resistance by interacting with NLRP3. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-13.	7.7	15
35	The effect of fluoxetine on astrocyte autophagy flux and injured mitochondria clearance in a mouse model of depression. <i>Cell Death and Disease</i> , 2019, 10, 577.	6.3	118
36	Kir6.1/K-ATP channel on astrocytes protects against dopaminergic neurodegeneration in the MPTP mouse model of Parkinson's disease via promoting mitophagy. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 509-522.	4.1	46

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37	Specific TBC Domain-Containing Proteins Control the ER-Golgi-Plasma Membrane Trafficking of GPCRs. <i>Cell Reports</i> , 2019, 28, 554-566.e4.	6.4	42
38	Gasdermin D in peripheral myeloid cells drives neuroinflammation in experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2019, 216, 2562-2581.	8.5	110
39	Antioxidant and anti-inflammatory effects of dexrazoxane on dopaminergic neuron degeneration in rodent models of Parkinson's disease. <i>Neuropharmacology</i> , 2019, 160, 107758.	4.1	14
40	Aquaporinâ€4 deficiency reduces TGFâ€1 in mouse midbrains and exacerbates pathology in experimental Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2568-2582.	3.6	38
41	Enhancing the Astrocytic Clearance of Extracellular Î±-Synuclein Aggregates by Ginkgolides Attenuates Neural Cell Injury. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 1017-1028.	3.3	24
42	Blocking meningeal lymphatic drainage aggravates Parkinsonâ€™s disease-like pathology in mice overexpressing mutated Î±-synuclein. <i>Translational Neurodegeneration</i> , 2019, 8, 7.	8.0	187
43	Small molecule-driven NLRP3 inflammation inhibition via interplay between ubiquitination and autophagy: implications for Parkinson disease. <i>Autophagy</i> , 2019, 15, 1860-1881.	9.1	250
44	NG2 glia regulate brain innate immunity via TGF-Î²2/TGFBR2 axis. <i>BMC Medicine</i> , 2019, 17, 204.	5.5	75
45	Selective dopamine D3 receptor antagonist YQA14 inhibits morphine-induced behavioral sensitization in wild type, but not in dopamine D3 receptor knockout mice. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 583-588.	6.1	14
46	Hippocampal Wdr1 Deficit Impairs Learning and Memory by Perturbing F-actin Depolymerization in Mice. <i>Cerebral Cortex</i> , 2019, 29, 4194-4207.	2.9	3
47	Involvement of NLRP3 inflammasome in methamphetamine-induced microglial activation through miR-143/PUMA axis. <i>Toxicology Letters</i> , 2019, 301, 53-63.	0.8	25
48	Astrocyte-specific deletion of Kir6.1/K-ATP channel aggravates cerebral ischemia/reperfusion injury through endoplasmic reticulum stress in mice. <i>Experimental Neurology</i> , 2019, 311, 225-233.	4.1	24
49	Glycemic variation in uncontrolled Gravesâ€™ disease patients with normal glucose metabolism: Assessment by continuous glucose monitoring. <i>Endocrine</i> , 2019, 64, 265-270.	2.3	6
50	Tube Feeding with a Diabetesâ€™specific Enteral Formula Improves Glycemic Control in Severe Acute Ischemic Stroke Patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018, 42, 926-932.	2.6	4
51	A behavioral mechanistic investigation of the role of 5-HT 1A receptors in the mediation of rat maternal behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 169, 16-26.	2.9	9
52	Salmeterol, agonist of Î²2-aderenergic receptor, prevents systemic inflammation via inhibiting NLRP3 inflammasome. <i>Biochemical Pharmacology</i> , 2018, 150, 245-255.	4.4	20
53	Enriched physical environment reverses spatial cognitive impairment of socially isolated <sc>APP</sc> <sc>swe</sc> <sc>PS</sc> 1dE9 transgenic mice before amyloidosis onset. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 202-211.	3.9	15
54	Engagement of circular RNA <i>HECW2</i> in the nonautophagic role of ATG5 implicated in the endothelial-mesenchymal transition. <i>Autophagy</i> , 2018, 14, 404-418.	9.1	80

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55	Kir6.1/K-ATP channel modulates microglia phenotypes: implication in Parkinson's disease. <i>Cell Death and Disease</i> , 2018, 9, 404.	6.3	49
56	Kir6.2 Deficiency Promotes Mesencephalic Neural Precursor Cell Differentiation via Regulating miR-133b/GDNF in a Parkinson's Disease Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 8550-8562.	4.0	16
57	Circular RNA DLGAP4 Ameliorates Ischemic Stroke Outcomes by Targeting miR-143 to Regulate Endothelial-Mesenchymal Transition Associated with Blood-Brain Barrier Integrity. <i>Journal of Neuroscience</i> , 2018, 38, 32-50.	3.6	306
58	Impaired long contact white matter fibers integrity is related to depression in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 108-114.	3.9	38
59	AQP4 knockout alleviates the lipopolysaccharide-induced inflammatory response in astrocytes via SPHK1/MAPK/AKT signaling. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1716-1722.	4.0	12
60	MicroRNA-212-5p Prevents Dopaminergic Neuron Death by Inhibiting SIRT2 in MPTP-Induced Mouse Model of Parkinson's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 381.	2.9	68
61	Î±-Synuclein disrupts the anti-inflammatory role of Drd2 via interfering Î²-arrestin2-TAB1 interaction in astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 258.	7.2	41
62	Deletion of Kir6.2/SUR1 potassium channels rescues diminishing of DA neurons via decreasing iron accumulation in PD. <i>Molecular and Cellular Neurosciences</i> , 2018, 92, 164-176.	2.2	16
63	Dopamine D2 receptor restricts astrocytic NLRP3 inflammasome activation via enhancing the interaction of Î²-arrestin2 and NLRP3. <i>Cell Death and Differentiation</i> , 2018, 25, 2037-2049.	11.2	119
64	YAP Controls Endothelial Activation and Vascular Inflammation Through TRAF6. <i>Circulation Research</i> , 2018, 123, 43-56.	4.5	153
65	Pro- and Anti-inflammatory Effects of High Cholesterol Diet on Aged Brain. , 2018, 9, 374.		22
66	Novel insight into circular RNA <i>HECTD1</i> in astrocyte activation via autophagy by targeting <i>MIR142</i> -TIPARP: implications for cerebral ischemic stroke. <i>Autophagy</i> , 2018, 14, 1164-1184.	9.1	276
67	Inhibition of the hepatic Nlrp3 protects dopaminergic neurons via attenuating systemic inflammation in a MPTP/p mouse model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 193.	7.2	64
68	Plin4-Dependent Lipid Droplets Hamper Neuronal Mitophagy in the MPTP/p-Induced Mouse Model of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 397.	2.8	63
69	Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance. <i>EBioMedicine</i> , 2018, 31, 202-216.	6.1	50
70	Aquaporin4 knockout mice exhibit increased hypnotic susceptibility to ketamine. <i>Brain and Behavior</i> , 2018, 8, e00990.	2.2	4
71	Ginkgolide K promotes angiogenesis in a middle cerebral artery occlusion mouse model via activating JAK2/STAT3 pathway. <i>European Journal of Pharmacology</i> , 2018, 833, 221-229.	3.5	46
72	Aquaporin 4 in Astrocytes is a Target for Therapy in Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2018, 23, 4948-4957.	1.9	18

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73	Ginkgo biloba extract promoted the astrocyte-mediated clearance of intercellular alpha-Syn via autophagy and proteasome pathway. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-103.	0.0	0
74	Caspase-1 Deficiency Alleviates Dopaminergic Neuronal Death via Inhibiting Caspase-7/AIF Pathway in MPTP/p Mouse Model of Parkinson's Disease. Molecular Neurobiology, 2017, 54, 4292-4302.	4.0	67
75	Pyruvate kinase type M2 promotes tumour cell exosome release via phosphorylating synaptosome-associated protein 23. Nature Communications, 2017, 8, 14041.	12.8	210
76	Early enriched physical environment reverses impairments of the hippocampus, but not medial prefrontal cortex, of socially-isolated mice. Brain, Behavior, and Immunity, 2017, 64, 232-243.	4.1	40
77	Involvement of PUMA in pericyte migration induced by methamphetamine. Experimental Cell Research, 2017, 356, 28-39.	2.6	11
78	Time-dependent sensitization of antipsychotic effect in adolescent male and female rats. Behavioural Brain Research, 2017, 328, 186-194.	2.2	2
79	Leonurine Exerts Antidepressant-Like Effects in the Chronic Mild Stress-Induced Depression Model in Mice by Inhibiting Neuroinflammation. International Journal of Neuropsychopharmacology, 2017, 20, 886-895.	2.1	50
80	Downregulation of <i>DEC1</i> contributes to the neurotoxicity induced by <i>MPP+</i> by suppressing <i>PI3K/Akt/GSK3β</i> pathway. CNS Neuroscience and Therapeutics, 2017, 23, 736-747.	3.9	17
81	Circular RNA <i>HIPK2</i> regulates astrocyte activation via cooperation of autophagy and ER stress by targeting <i>MIR124-2HG</i> . Autophagy, 2017, 13, 1722-1741.	9.1	222
82	Ginkgolide B and bilobalide ameliorate neural cell apoptosis in α -synuclein aggregates. Biomedicine and Pharmacotherapy, 2017, 96, 792-797.	5.6	40
83	Dissociative role for dorsal hippocampus in mediating heroin self-administration and relapse through CDK5 and RhoB signaling revealed by proteomic analysis. Addiction Biology, 2017, 22, 1731-1742.	2.6	21
84	Interleukin-6 Induces DEC1, Promotes DEC1 Interaction with RXR α and Suppresses the Expression of PXR, CAR and Their Target Genes. Frontiers in Pharmacology, 2017, 8, 866.	3.5	19
85	Ginkgolide B Protects Against Ischemic Stroke Via Modulating Microglia Polarization in Mice. CNS Neuroscience and Therapeutics, 2016, 22, 729-739.	3.9	78
86	<i>Atp13a2</i> Deficiency Aggravates Astrocyte-Mediated Neuroinflammation via <i>NLRP3</i> Inflammasome Activation. CNS Neuroscience and Therapeutics, 2016, 22, 451-460.	3.9	62
87	Fluoxetine protects against IL-1 β -induced neuronal apoptosis via downregulation of p53. Neuropharmacology, 2016, 107, 68-78.	4.1	40
88	Metformin Prevents Dopaminergic Neuron Death in MPTP/P-Induced Mouse Model of Parkinson's Disease via Autophagy and Mitochondrial ROS Clearance. International Journal of Neuropsychopharmacology, 2016, 19, pyw047.	2.1	202
89	MicroRNA-7 targets Nod-like receptor protein 3 inflammasome to modulate neuroinflammation in the pathogenesis of Parkinson's disease. Molecular Neurodegeneration, 2016, 11, 28.	10.8	347
90	<i>Mir143</i> -BBC3 cascade reduces microglial survival via interplay between apoptosis and autophagy: Implications for methamphetamine-mediated neurotoxicity. Autophagy, 2016, 12, 1538-1559.	9.1	49

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91	Uncoupling protein 2 modulation of the NLRP3 inflammasome in astrocytes and its implications in depression. <i>Redox Biology</i> , 2016, 9, 178-187.	9.0	60
92	Characterization of AD-like phenotype in aged APPSwe/PS1dE9 mice. <i>Age</i> , 2016, 38, 303-322.	3.0	53
93	Silencing microRNA-143 protects the integrity of the blood-brain barrier: implications for methamphetamine abuse. <i>Scientific Reports</i> , 2016, 6, 35642.	3.3	58
94	Fluoxetine Inhibits NLRP3 Inflammasome Activation: Implication in Depression. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw037.	2.1	99
95	Gambogic acid potentiates clopidogrel-induced apoptosis and attenuates irinotecan-induced apoptosis through down-regulating human carboxylesterase 1 and -2. <i>Xenobiotica</i> , 2016, 46, 816-824.	1.1	9
96	Aquaporin-4 deficiency diminishes the differential degeneration of midbrain dopaminergic neurons in experimental Parkinson's disease. <i>Neuroscience Letters</i> , 2016, 614, 7-15.	2.1	36
97	MicroRNA-7 Enhances Subventricular Zone Neurogenesis by Inhibiting NLRP3/Caspase-1 Axis in Adult Neural Stem Cells. <i>Molecular Neurobiology</i> , 2016, 53, 7057-7069.	4.0	60
98	Fluoxetine reduces CES1, CES2, and CYP3A4 expression through decreasing PXR and increasing DEC1 in HepG2 cells. <i>Xenobiotica</i> , 2016, 46, 393-405.	1.1	16
99	ATP-sensitive potassium channels: uncovering novel targets for treating depression. <i>Brain Structure and Function</i> , 2016, 221, 3111-3122.	2.3	26
100	Aspafiloside B induces G2/M cell cycle arrest and apoptosis by up-regulating H-Ras and N-Ras via ERK and p38 MAPK signaling pathways in human hepatoma HepG2 cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 440-457.	2.7	37
101	AEG-1/MTDH-activated autophagy enhances human malignant glioma susceptibility to TGF- β 1-triggered epithelial-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 13122-13138.	1.8	40
102	The Effect of PSD-93 Deficiency on the Expression of Early Inflammatory Cytokines Induced by Ischemic Brain Injury. <i>Cell Biochemistry and Biophysics</i> , 2015, 73, 695-700.	1.8	9
103	Role of high-mobility group box 1 in methamphetamine-induced activation and migration of astrocytes. <i>Journal of Neuroinflammation</i> , 2015, 12, 156.	7.2	29
104	Deletion of aquaporin-4 in APP/PS1 mice exacerbates brain A β accumulation and memory deficits. <i>Molecular Neurodegeneration</i> , 2015, 10, 58.	10.8	322
105	Unaltered Retinal Dopamine Levels in a C57BL/6 Mouse Model of Form-Deprivation Myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 967-977.	3.3	41
106	Pericytes Contribute to the Disruption of the Cerebral Endothelial Barrier via Increasing VEGF Expression: Implications for Stroke. <i>PLoS ONE</i> , 2015, 10, e0124362.	2.5	64
107	Gambogic acid suppresses cytochrome P450 3A4 by downregulating pregnane X receptor and up-regulating DEC1 in human hepatoma HepG2 cells. <i>Toxicology Research</i> , 2015, 4, 1059-1071.	2.1	1
108	Upregulation of alphaB-crystallin expression in the substantia nigra of patients with Parkinson's disease. <i>Neurobiology of Aging</i> , 2015, 36, 1686-1691.	3.1	63

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109	Isolation Housing Exacerbates Alzheimer's Disease-Like Pathophysiology in Aged APP/PS1 Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu116-pyu116.	2.1	62
110	MiR-9 promotes microglial activation by targeting MCPIP1. <i>Nature Communications</i> , 2014, 5, 4386.	12.8	133
111	Novel role of Sarco/endoplasmic reticulum calcium ATPase 2 in development of colorectal cancer and its regulation by F36, a curcumin analog. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 1141-1148.	5.6	44
112	Asenapine sensitization from adolescence to adulthood and its potential molecular basis. <i>Behavioural Brain Research</i> , 2014, 273, 166-176.	2.2	10
113	Iptakalim confers an antidepressant effect in a chronic mild stress model of depression through regulating neuro-inflammation and neurogenesis. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1501-1510.	2.1	73
114	Long-lasting sensitization induced by repeated risperidone treatment in adolescent Sprague-Dawley rats: a possible D2 receptor mediated phenomenon?. <i>Psychopharmacology</i> , 2014, 231, 1649-1659.	3.1	13
115	Kir6.2-containing ATP-sensitive K ⁺ channel is required for cardioprotection of resveratrol in mice. <i>Cardiovascular Diabetology</i> , 2014, 13, 35.	6.8	17
116	Glucose dominates the regulation of carboxylesterases induced by lipopolysaccharide or interleukin-6 in primary mouse hepatocytes. <i>Life Sciences</i> , 2014, 112, 41-48.	4.3	16
117	Inhaled budesonide protects against chronic asthma-induced neuroinflammation in mouse brain. <i>Journal of Neuroimmunology</i> , 2014, 273, 53-57.	2.3	36
118	Fluoxetine suppresses AMP-activated protein kinase signaling pathway to promote hepatic lipid accumulation in primary mouse hepatocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 236-244.	2.8	17
119	Mechanical stretch exacerbates the cell death in SH-SY5Y cells exposed to paraquat: mitochondrial dysfunction and oxidative stress. <i>NeuroToxicology</i> , 2014, 41, 54-63.	3.0	31
120	Uncoupling protein 2 deficiency aggravates astrocytic endoplasmic reticulum stress and nod-like receptor protein 3 inflammasome activation. <i>Neurobiology of Aging</i> , 2014, 35, 421-430.	3.1	86
121	Metabolic inflammation exacerbates dopaminergic neuronal degeneration in response to acute MPTP challenge in type 2 diabetes mice. <i>Experimental Neurology</i> , 2014, 251, 22-29.	4.1	87
122	Suppression of neuroinflammation by astrocytic dopamine D2 receptors via β -crystallin. <i>Nature</i> , 2013, 494, 90-94.	27.8	347
123	Aquaporin-4 deficiency exacerbates brain oxidative damage and memory deficits induced by long-term ovarian hormone deprivation and D-galactose injection. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 55-68.	2.1	45
124	The Neuroprotection of Hydrogen Sulfide Against MPTP-Induced Dopaminergic Neuron Degeneration Involves Uncoupling Protein 2 Rather Than ATP-Sensitive Potassium Channels. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 849-859.	5.4	81
125	Iptakalim Enhances Adult Mouse Hippocampal Neurogenesis Via Opening of Kir6.2-Containing ATP-Sensitive K ⁺ Channels Expressed in Neural Stem Cells. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 737-744.	3.9	18
126	Introduction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 564-565.	1.9	0

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127	ATP-sensitive potassium channels: A promising target for protecting neurovascular unit function in stroke. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 243-252.	1.9	41
128	Requirement of AQP4 for Antidepressive Efficiency of Fluoxetine: Implication in Adult Hippocampal Neurogenesis. <i>Neuropsychopharmacology</i> , 2009, 34, 1263-1276.	5.4	93
129	Iptakalim prevents rat pulmonary hypertension induced by endothelin-1 through the activation of K _{ATP} channel in vivo. <i>Drug Development Research</i> , 2008, 69, 89-94.	2.9	1
130	Opening of microglial K _{ATP} channels inhibits rotenone-induced neuroinflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1559-1570.	3.6	79
131	Hypersensitivity of aquaporin 4-deficient mice to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and astrocytic modulation. <i>Neurobiology of Aging</i> , 2008, 29, 1226-1236.	3.1	70
132	Aquaporin-4 deficiency down-regulates glutamate uptake and GLT-1 expression in astrocytes. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 34-39.	2.2	173
133	Iptakalim Modulates ATP-Sensitive K ₊ Channels in Dopamine Neurons from Rat Substantia Nigra Pars Compacta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 155-164.	2.5	20
134	Studies of ATP-sensitive potassium channels on 6-hydroxydopamine and haloperidol rat models of Parkinson's disease: Implications for treating Parkinson's disease?. <i>Neuropharmacology</i> , 2005, 48, 984-992.	4.1	65