

# Gang Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

134  
papers

7,817  
citations

47006

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| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Suppression of neuroinflammation by astrocytic dopamine D2 receptors via $\beta$ -crystallin. <i>Nature</i> , 2013, 494, 90-94.   | 27.8 | 347       |
| 2  | MicroRNA-7 targets Nod-like receptor protein 3 inflammasome to modulate neuroinflammation in the pathogenesis of Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2016, 11, 28.                                      | 10.8 | 347       |
| 3  | Deletion of aquaporin-4 in APP/PS1 mice exacerbates brain $A\beta$ accumulation and memory deficits. <i>Molecular Neurodegeneration</i> , 2015, 10, 58.   | 10.8 | 322       |
| 4  | 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       |
| 5  | 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       |
| 6  | 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       |
| 7  | Circular RNA <i>HIPK2</i> regulates astrocyte activation via cooperation of autophagy and ER stress by targeting <i>MIR124</i> -2HG. <i>Autophagy</i> , 2017, 13, 1722-1741.  | 9.1  | 222       |
| 8  | Pyruvate kinase type M2 promotes tumour cell exosome release via phosphorylating synaptosome-associated protein 23. <i>Nature Communications</i> , 2017, 8, 14041.  | 12.8 | 210       |
| 9  | Metformin Prevents Dopaminergic Neuron Death in MPTP/P-Induced Mouse Model of Parkinson's Disease via Autophagy and Mitochondrial ROS Clearance. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw047.  | 2.1  | 202       |
| 10 | Extracellular Vesicle-Mediated Delivery of Circular RNA SCMH1 Promotes Functional Recovery in Rodent and Nonhuman Primate Ischemic Stroke Models. <i>Circulation</i> , 2020, 142, 556-574.                                    | 1.6  | 198       |
| 11 | Blocking meningeal lymphatic drainage aggravates Parkinson's disease-like pathology in mice overexpressing mutated $\beta$ -synuclein. <i>Translational Neurodegeneration</i> , 2019, 8, 7.                                   | 8.0  | 187       |
| 12 | 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       |
| 13 | 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       |
| 14 | YAP Controls Endothelial Activation and Vascular Inflammation Through TRAF6. <i>Circulation Research</i> , 2018, 123, 43-56.  | 4.5  | 153       |
| 15 | MIR-9 promotes microglial activation by targeting MCP1. <i>Nature Communications</i> , 2014, 5, 4386.   | 12.8 | 133       |
| 16 | Dopamine D2 receptor restricts astrocytic NLRP3 inflammasome activation via enhancing the interaction of $\beta$ -arrestin2 and NLRP3. <i>Cell Death and Differentiation</i> , 2018, 25, 2037-2049.                           | 11.2 | 119       |
| 17 | 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       |
| 18 | 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       |

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|----|--|------|-----------|
| 19 | 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       |
| 20 | Fluoxetine Inhibits NLRP3 Inflammasome Activation: Implication in Depression. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw037.  | 2.1  | 99        |
| 21 | Requirement of AQP4 for Antidepressive Efficiency of Fluoxetine: Implication in Adult Hippocampal Neurogenesis. <i>Neuropsychopharmacology</i> , 2009, 34, 1263-1276.  | 5.4  | 93        |
| 22 | 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        |
| 23 | 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        |
| 24 | Pyridoxine induces glutathione synthesis via PKM2-mediated Nrf2 transactivation and confers neuroprotection. <i>Nature Communications</i> , 2020, 11, 941.   | 12.8 | 86        |
| 25 | 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        |
| 26 | 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        |
| 27 | Opening of microglial K <sup>ATP</sup> channels inhibits rotenone-induced neuroinflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1559-1570.  | 3.6  | 79        |
| 28 | Ginkgolide B Protects Against Ischemic Stroke Via Modulating Microglia Polarization in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 729-739.   | 3.9  | 78        |
| 29 | NG2 glia regulate brain innate immunity via TGF- $\beta$ 2/TGFBR2 axis. <i>BMC Medicine</i> , 2019, 17, 204.   | 5.5  | 75        |
| 30 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | 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        |
| 34 | Caspase-1 Deficiency Alleviates Dopaminergic Neuronal Death via Inhibiting Caspase-7/AIF Pathway in MPTP/p Mouse Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 4292-4302.                                    | 4.0  | 67        |
| 35 | 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        |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | 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        |
| 40 | Astragaloside IV inhibits astrocyte senescence: implication in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 105.  | 7.2 | 63        |
| 41 | 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        |
| 42 | <i>Atp13a2</i> Deficiency Aggravates Astrocyte-Mediated Neuroinflammation via NLRP3 Inflammasome Activation. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 451-460.  | 3.9 | 62        |
| 43 | 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        |
| 44 | 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        |
| 45 | 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        |
| 46 | Kynurenine regulates NLRP2 inflammasome in astrocytes and its implications in depression. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 471-481.   | 4.1 | 57        |
| 47 | Characterization of AD-like phenotype in aged APPSwe/PS1dE9 mice. <i>Age</i> , 2016, 38, 303-322.   | 3.0 | 53        |
| 48 | AIM2 controls microglial inflammation to prevent experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2021, 218, .  | 8.5 | 51        |
| 49 | Leonurine Exerts Antidepressant-Like Effects in the Chronic Mild Stress-Induced Depression Model in Mice by Inhibiting Neuroinflammation. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 886-895.            | 2.1 | 50        |
| 50 | 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        |
| 51 | <i>Mir143</i> -BBC3 cascade reduces microglial survival via interplay between apoptosis and autophagy: Implications for methamphetamine-mediated neurotoxicity. <i>Autophagy</i> , 2016, 12, 1538-1559.                           | 9.1 | 49        |
| 52 | 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        |
| 53 | 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        |
| 54 | 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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|----|--|-----|-----------|
| 55 | 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        |
| 56 | 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        |
| 57 | Kaempferol alleviates LD-mitochondrial damage by promoting autophagy: Implications in Parkinson's disease. <i>Redox Biology</i> , 2021, 41, 101911.  | 9.0 | 43        |
| 58 | 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        |
| 59 | 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        |
| 60 | 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        |
| 61 | $\hat{I}\pm$ -Synuclein disrupts the anti-inflammatory role of Drd2 via interfering $\hat{I}^2$ -arrestin2-TAB1 interaction in astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 258.                                      | 7.2 | 41        |
| 62 | Fluoxetine protects against IL-1 $\hat{I}^2$ -induced neuronal apoptosis via downregulation of p53. <i>Neuropharmacology</i> , 2016, 107, 68-78.   | 4.1 | 40        |
| 63 | Early enriched physical environment reverses impairments of the hippocampus, but not medial prefrontal cortex, of socially-isolated mice. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 232-243.                                  | 4.1 | 40        |
| 64 | Ginkgolide B and bilobalide ameliorate neural cell apoptosis in $\hat{I}\pm$ -synuclein aggregates. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 792-797.  | 5.6 | 40        |
| 65 | AEG-1/MTDH-activated autophagy enhances human malignant glioma susceptibility to TGF- $\hat{I}^2$ -triggered epithelial-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 13122-13138.  | 1.8 | 40        |
| 66 | 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        |
| 67 | Aquaporin-4 deficiency reduces TGF- $\hat{I}^2$ 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        |
| 68 | 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        |
| 69 | Inhaled budesonide protects against chronic asthma-induced neuroinflammation in mouse brain. <i>Journal of Neuroimmunology</i> , 2014, 273, 53-57.   | 2.3 | 36        |
| 70 | 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        |
| 71 | 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        |
| 72 | 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        |

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|----|---|------|-----------|
| 73 | Opposing functions of $\beta$ -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        |
| 74 | 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        |
| 75 | Drd2 biased agonist prevents neurodegeneration against NLRP3 inflammasome in Parkinson's disease model via a $\beta$ -arrestin2-biased mechanism. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 259-271.   | 4.1  | 27        |
| 76 | Fluoxetine inhibited the activation of A1 reactive astrocyte in a mouse model of major depressive disorder through astrocytic 5-HT2BR/ $\beta$ -arrestin2 pathway. <i>Journal of Neuroinflammation</i> , 2022, 19, 23.                                      | 7.2  | 27        |
| 77 | ATP-sensitive potassium channels: uncovering novel targets for treating depression. <i>Brain Structure and Function</i> , 2016, 221, 3111-3122.   | 2.3  | 26        |
| 78 | 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        |
| 79 | 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        |
| 80 | Enhancing the Astrocytic Clearance of Extracellular $\beta$ -Synuclein Aggregates by Ginkgolides Attenuates Neural Cell Injury. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 1017-1028.   | 3.3  | 24        |
| 81 | 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        |
| 82 | Pro- and Anti-inflammatory Effects of High Cholesterol Diet on Aged Brain. , 2018, 9, 374.  |      | 22        |
| 83 | Dissociative role for dorsal hippocampus in mediating heroin self-administration and relapse through CDK5 and RhoB signaling revealed by proteomic analysis. <i>Addiction Biology</i> , 2017, 22, 1731-1742.  | 2.6  | 21        |
| 84 | Lactate enhances Arc/arg3.1 expression through hydroxycarboxylic acid receptor 1- $\beta$ -arrestin2 pathway in astrocytes. <i>Neuropharmacology</i> , 2020, 171, 108084.   | 4.1  | 21        |
| 85 | Iptakalim Modulates ATP-Sensitive K <sup>+</sup> 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        |
| 86 | Salmeterol, agonist of $\beta_2$ -adrenergic receptor, prevents systemic inflammation via inhibiting NLRP3 inflammasome. <i>Biochemical Pharmacology</i> , 2018, 150, 245-255.  | 4.4  | 20        |
| 87 | Interleukin-6 Induces DEC1, Promotes DEC1 Interaction with RXR $\alpha$ and Suppresses the Expression of PXR, CAR and Their Target Genes. <i>Frontiers in Pharmacology</i> , 2017, 8, 866.  | 3.5  | 19        |
| 88 | 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        |
| 89 | 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        |
| 90 | 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        |

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|-----|--|-----|-----------|
| 91  | <a href="#">Kir6.2-containing ATP-sensitive K<sup>+</sup> channels expressed in neural stem cells. CNS Neuroscience and Therapeutics, 2012, 18, 737-744.</a>   | 3.9 | 18        |
| 92  | <a href="#">Aquaporin 4 in Astrocytes is a Target for Therapy in Alzheimer's Disease. Current Pharmaceutical Design, 2018, 23, 4948-4957.</a>  | 1.9 | 18        |
| 93  | <a href="#">Kir6.2-containing ATP-sensitive K<sup>+</sup> channel is required for cardioprotection of resveratrol in mice. Cardiovascular Diabetology, 2014, 13, 35.</a>   | 6.8 | 17        |
| 94  | <a href="#">Fluoxetine suppresses AMP-activated protein kinase signaling pathway to promote hepatic lipid accumulation in primary mouse hepatocytes. International Journal of Biochemistry and Cell Biology, 2014, 54, 236-244.</a>          | 2.8 | 17        |
| 95  | <a href="#">Downregulation of DEC1 contributes to the neurotoxicity induced by MPP<sup>+</sup> by suppressing PI3K/Akt/GSK3<math>\beta</math> pathway. CNS Neuroscience and Therapeutics, 2017, 23, 736-747.</a>                             | 3.9 | 17        |
| 96  | <a href="#">Glucose dominates the regulation of carboxylesterases induced by lipopolysaccharide or interleukin-6 in primary mouse hepatocytes. Life Sciences, 2014, 112, 41-48.</a>  | 4.3 | 16        |
| 97  | <a href="#">Fluoxetine reduces CES1, CES2, and CYP3A4 expression through decreasing PXR and increasing DEC1 in HepG2 cells. Xenobiotica, 2016, 46, 393-405.</a>  | 1.1 | 16        |
| 98  | <a href="#">Kir6.2 Deficiency Promotes Mesencephalic Neural Precursor Cell Differentiation via Regulating miR-133b/GDNF in a Parkinson's Disease Mouse Model. Molecular Neurobiology, 2018, 55, 8550-8562.</a>                               | 4.0 | 16        |
| 99  | <a href="#">Deletion of Kir6.2/SUR1 potassium channels rescues diminishing of DA neurons via decreasing iron accumulation in PD. Molecular and Cellular Neurosciences, 2018, 92, 164-176.</a>  | 2.2 | 16        |
| 100 | <a href="#">Enriched physical environment reverses spatial cognitive impairment of socially isolated APP<sup>swe</sup>/PS1<sup>dE9</sup> transgenic mice before amyloidosis onset. CNS Neuroscience and Therapeutics, 2018, 24, 202-211.</a> | 3.9 | 15        |
| 101 | <a href="#">The pore-forming subunit Kir6.1 of the K-ATP channel negatively regulates the NLRP3 inflammasome to control insulin resistance by interacting with NLRP3. Experimental and Molecular Medicine, 2019, 51, 1-13.</a>               | 7.7 | 15        |
| 102 | <a href="#">Antioxidant and anti-inflammatory effects of dexrazoxane on dopaminergic neuron degeneration in rodent models of Parkinson's disease. Neuropharmacology, 2019, 160, 107758.</a>  | 4.1 | 14        |
| 103 | <a href="#">Selective dopamine D3 receptor antagonist YQA14 inhibits morphine-induced behavioral sensitization in wild type, but not in dopamine D3 receptor knockout mice. Acta Pharmacologica Sinica, 2019, 40, 583-588.</a>               | 6.1 | 14        |
| 104 | <a href="#">Long-lasting sensitization induced by repeated risperidone treatment in adolescent Sprague-Dawley rats: a possible D2 receptor mediated phenomenon?. Psychopharmacology, 2014, 231, 1649-1659.</a>                               | 3.1 | 13        |
| 105 | <a href="#">Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G protein-coupled receptors. Journal of Biological Chemistry, 2021, 296, 100517.</a>  | 3.4 | 13        |
| 106 | <a href="#">AQP4 knockout alleviates the lipopolysaccharide-induced inflammatory response in astrocytes via SPHK1/MAPK/AKT signaling. International Journal of Molecular Medicine, 2018, 42, 1716-1722.</a>                                  | 4.0 | 12        |
| 107 | <a href="#"><math>\beta</math>-arrestin 2 is essential for fluoxetine-mediated promotion of hippocampal neurogenesis in a mouse model of depression. Acta Pharmacologica Sinica, 2021, 42, 679-690.</a>                                      | 6.1 | 12        |
| 108 | <a href="#">Acaulalides A-C, Neuroprotective Diels-Alder Adducts from Solid-State Cultivated <i>Acaulium</i> sp. HJQSF. Organic Letters, 2021, 23, 5587-5591.</a>  | 4.6 | 12        |



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|-----|--|-----|-----------|
| 109 | Involvement of PUMA in pericyte migration induced by methamphetamine. <i>Experimental Cell Research</i> , 2017, 356, 28-39.  | 2.6 | 11        |
| 110 | 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        |
| 111 | Asenapine sensitization from adolescence to adulthood and its potential molecular basis. <i>Behavioural Brain Research</i> , 2014, 273, 166-176.   | 2.2 | 10        |
| 112 | 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         |
| 113 | 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         |
| 114 | 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         |
| 115 | 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         |
| 116 | Aquaporin-4 deletion attenuates opioid-induced addictive behaviours associated with dopamine levels in nucleus accumbens. <i>Neuropharmacology</i> , 2022, 208, 108986.                                  | 4.1 | 7         |
| 117 | Glycemic variation in uncontrolled Graves's disease patients with normal glucose metabolism: Assessment by continuous glucose monitoring. <i>Endocrine</i> , 2019, 64, 265-270.                          | 2.3 | 6         |
| 118 | MK2 is a therapeutic target for high-risk multiple myeloma. <i>Haematologica</i> , 2021, 106, 1774-1777.   | 3.5 | 6         |
| 119 | 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         |
| 120 | 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         |
| 121 | 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         |
| 122 | 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         |
| 123 | Tube Feeding with a Diabetes-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         |
| 124 | Aquaporin-4 knockout mice exhibit increased hypnotic susceptibility to ketamine. <i>Brain and Behavior</i> , 2018, 8, e00990.  | 2.2 | 4         |
| 125 | ATP13A2 protects dopaminergic neurons in Parkinson's disease: from biology to pathology. <i>Journal of Biomedical Research</i> , 2022, 36, 98.   | 1.6 | 4         |
| 126 | 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         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | 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         |
| 128 | Time-dependent sensitization of antipsychotic effect in adolescent male and female rats. <i>Behavioural Brain Research</i> , 2017, 328, 186-194.   | 2.2 | 2         |
| 129 | Iptakalim prevents rat pulmonary hypertension induced by endothelin-1 through the activation of K <sub>ATP</sub> channel in vivo. <i>Drug Development Research</i> , 2008, 69, 89-94.  | 2.9 | 1         |
| 130 | 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         |
| 131 | Co-localization of circDYM with miR-9 in microglia. <i>Molecular Psychiatry</i> , 2020, 25, 1155-1155.   | 7.9 | 1         |
| 132 | Introduction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 564-565.  | 1.9 | 0         |
| 133 | 2019 Overview. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 287-287.   | 3.9 | 0         |
| 134 | Ginkgo biloba extract promoted the astrocyte-mediated clearance of intercellular alpha-Syn via autophagy and proteasome pathway. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-103. | 0.0 | 0         |