

# Fuxue Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

641  
citations

471509

17  
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642732

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48  
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48  
docs citations

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times ranked

954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Homotypic Cancer Cell Membranes Camouflaged Nanoparticles for Targeting Drug Delivery and Enhanced Chemo-Photothermal Therapy of Glioma. <i>Pharmaceuticals</i> , 2022, 15, 157.	3.8	16
2	Breast-Milk Rubidium and Other Trace Elements are Associated with Neurocognitive Development in Infants at Age of 8 Months. <i>Journal of Nutrition</i> , 2022, 152, 1507-1514.	2.9	6
3	$\hat{\beta}$ -arrestin2 mediates the hippocampal dopaminergic system in autistic mouse through the ERK signaling pathway. <i>Behavioural Brain Research</i> , 2022, 428, 113888.	2.2	1
4	Identification of Key CircRNAs Related to Pulmonary Tuberculosis Based on Bioinformatics Analysis. <i>BioMed Research International</i> , 2022, 2022, 1-15.	1.9	7
5	Exogenous $\hat{\beta}$ 1-42 monomers improve synaptic and cognitive function in Alzheimer's disease model mice. <i>Neuropharmacology</i> , 2022, 209, 109002.	4.1	12
6	Deletion of $\hat{\beta}$ -arrestin2 alleviates autistic-like behavior caused by dopaminergic system abnormality through an apoptosis pathway in mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, , .	2.1	0
7	Genetic mutation of TRPV2 induces anxiety by decreasing GABA-B R2 expression in hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2022, 620, 135-142.	2.1	2
8	The roles of IGF2 and DNMT methylation and elongase6 related fatty acids in metabolic syndrome. <i>Food and Function</i> , 2021, 12, 10253-10262.	4.6	1
9	Novel <i>Myh11</i> Dual Reporter Mouse Model Provides Definitive Labeling and Identification of Smooth Muscle Cells—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 815-821.	2.4	6
10	Cancer Cell—Membrane Biomimetic Boron Nitride Nanospheres for Targeted Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2123-2136.	6.7	14
11	Virtual Screening of Acetylcholinesterase Inhibitors Based on Machine Learning Combined with Molecule Docking Methods. <i>Current Bioinformatics</i> , 2021, 16, 963-971.	1.5	2
12	Deletion of Kv10.2 Causes Abnormal Dendritic Arborization and Epilepsy Susceptibility. <i>Neurochemical Research</i> , 2020, 45, 2949-2958.	3.3	1
13	Identification of a $\hat{\beta}$ -Arrestin 2 Mutation Related to Autism by Whole-Exome Sequencing. <i>BioMed Research International</i> , 2020, 2020, 1-9.	1.9	5
14	Microglia-Derived NLRP3 Activation Mediates the Pressor Effect of Prorenin in the Rostral Ventrolateral Medulla of Stress-Induced Hypertensive Rats. <i>Neuroscience Bulletin</i> , 2020, 36, 475-492.	2.9	26
15	Generation of Pecam1 endothelial specific dual reporter mouse model. <i>Genesis</i> , 2020, 58, e23384.	1.6	0
16	Rescuing Kv10.2 protein changes cognitive and emotional function in kainic acid-induced status epilepticus rats. <i>Epilepsy and Behavior</i> , 2020, 106, 106894.	1.7	6
17	RBC membrane camouflaged boron nitride nanospheres for enhanced biocompatible performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110964.	5.0	17
18	Increased Expression of Kv10.2 in the Hippocampus Attenuates Valproic Acid-Induced Autism-Like Behaviors in Rats. <i>Neurochemical Research</i> , 2019, 44, 2796-2808.	3.3	11

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19	Melatonin decreases M1 polarization via attenuating mitochondrial oxidative damage depending on UCP2 pathway in prorenin-treated microglia. <i>PLoS ONE</i> , 2019, 14, e0212138.	2.5	29
20	Central changes in the Kv10.2 potassium channel in stress-induced hypertension rats. <i>NeuroReport</i> , 2019, 30, 637-644.	1.2	3
21	Berberine activates bitter taste responses of enteroendocrine STC-1 cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 21-32.	3.1	30
22	Cardiac Sca-1 <sup>+</sup> Cells Are Not Intrinsic Stem Cells for Myocardial Development, Renewal, and Repair. <i>Circulation</i> , 2018, 138, 2919-2930.	1.6	37
23	Plasma $\omega$ -3 and $\omega$ -6 fatty acids in thyroid diseases. <i>Oncology Letters</i> , 2018, 16, 5433-5440.	1.8	2
24	Role of microglia M1/M2 polarisation in the paraventricular nucleus: New insight into the development of stress-induced hypertension in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 213, 71-80.	2.8	19
25	Dietary Fiber Intake and Endometrial Cancer Risk: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2018, 10, 945.	4.1	19
26	Expression and functional activity of bitter taste receptors in primary renal tubular epithelial cells and M-1 cells. <i>Molecular and Cellular Biochemistry</i> , 2017, 428, 193-202.	3.1	8
27	2D-SAR and 3D-QSAR analyses for acetylcholinesterase inhibitors. <i>Molecular Diversity</i> , 2017, 21, 413-426.	3.9	23
28	Knockdown of Diaph1 expression inhibits migration and decreases the expression of MMP2 and MMP9 in human glioma cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 596-602.	5.6	25
29	CREB1 regulates glucose transport of glioma cell line U87 by targeting GLUT1. <i>Molecular and Cellular Biochemistry</i> , 2017, 436, 79-86.	3.1	23
30	A Cancer Gene Selection Algorithm Based on the K-S Test and CFS. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	24
31	Small molecular floribundiquinone B derived from medicinal plants inhibits acetylcholinesterase activity. <i>Oncotarget</i> , 2017, 8, 57149-57162.	1.8	21
32	Low-fidelity alternative DNA repair carcinogenesis theory may interpret many cancer features and anticancer strategies. <i>Future Oncology</i> , 2016, 12, 1897-1910.	2.4	1
33	Expression of bitter taste receptor Tas2r105 in mouse kidney. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 733-738.	2.1	30
34	Bitter taste receptor mTas2r105 is expressed in small intestinal villus and crypts. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 934-941.	2.1	25
35	Knockdown of PKC $\mu$ Expression Inhibits Growth, Induces Apoptosis and Decreases Invasiveness of Human Glioma Cells Partially Through Stat3. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 21-31.	2.3	13
36	Mammalian diaphanous-related formin 1 is required for motility and invadopodia formation in human U87 glioblastoma cells. <i>International Journal of Molecular Medicine</i> , 2014, 33, 383-391.	4.0	18

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37	Prediction of Substrate-Enzyme-Product Interaction Based on Molecular Descriptors and Physicochemical Properties. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	18
38	Targeting Stat3 suppresses growth of U251 cell-derived tumours in nude mice. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 443-446.	1.5	8
39	Inhibition of Stat3 expression induces apoptosis and suppresses proliferation in human leukemia HL-60 cells. <i>Hematology</i> , 2011, 16, 232-235.	1.5	11
40	Down-Regulation of Stat3 Decreases Invasion Activity and Induces Apoptosis of Human Glioma Cells. <i>Journal of Molecular Neuroscience</i> , 2010, 40, 353-359.	2.3	41
41	Down-Regulation of Kir6.2 Affects Calcium Influx and Insulin Secretion in HIT-T15 Cells. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010, 23, 709-17.	0.9	4
42	An identification of stem cell-resembling gene expression profiles in high-grade astrocytomas. <i>Molecular Carcinogenesis</i> , 2008, 47, 893-903.	2.7	7
43	Down-regulation of Stat3 induces apoptosis of human glioma cell: a potential method to treat brain cancer. <i>Neurological Research</i> , 2008, 30, 297-301.	1.3	15
44	Knockdown of Stat3 in C17.2 neural stem cells facilitates the generation of neurons: a possibility of transplantation with a low level of oncogene. <i>NeuroReport</i> , 2006, 17, 235-238.	1.2	17
45	Isolation of a Gene Greatly Expressed in <i>Kluyveromyces Marxianus</i> at High Temperature. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1083-1086.	3.6	4
46	Inhibition of AF116909 gene expression enhances the differentiation of neural stem cells. <i>Neurological Research</i> , 2005, 27, 557-561.	1.3	6
47	Discovery of two novel functional genes from differentiation of neural stem cells in the striatum of the fetal rat. <i>Neuroscience Letters</i> , 2002, 329, 101-105.	2.1	25
48	The Regulatory Role of <i>SNORD35A</i> in Pancreatic Cancer Involves the HGF/C-Met Pathway. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 0, , .	1.0	2