

Kun Xiong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3881598/publications.pdf>

Version: 2024-02-01

74
papers

1,881
citations

236925

25
h-index

330143

37
g-index

76
all docs

76
docs citations

76
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	The Main Molecular Mechanisms Underlying Methamphetamine- Induced Neurotoxicity and Implications for Pharmacological Treatment. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 186.	2.9	138
2	Epidermal stem cells in wound healing and their clinical applications. <i>Stem Cell Research and Therapy</i> , 2019, 10, 229.	5.5	107
3	Research trends, hot spots and prospects for necroptosis in the field of neuroscience. <i>Neural Regeneration Research</i> , 2021, 16, 1628.	3.0	69
4	Regulatory role of calpain in neuronal death. <i>Neural Regeneration Research</i> , 2018, 13, 556.	3.0	67
5	Circular RNAs: A Novel Player in Development and Disease of the Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 354.	3.7	66
6	Do pyroptosis, apoptosis, and necroptosis (PANoptosis) exist in cerebral ischemia? Evidence from cell and rodent studies. <i>Neural Regeneration Research</i> , 2022, 17, 1761.	3.0	63
7	Guidelines for Regulated Cell Death Assays: A Systematic Summary, A Categorical Comparison, A Prospective. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634690.	3.7	61
8	Bibliometric Analysis of the Inflammasome and Pyroptosis in Brain. <i>Frontiers in Pharmacology</i> , 2020, 11, 626502.	3.5	58
9	Differential neuronal expression of receptor interacting protein 3 in rat retina: involvement in ischemic stress response. <i>BMC Neuroscience</i> , 2013, 14, 16.	1.9	54
10	Inhibition of HSP90 α protects cultured neurons from oxygen-glucose deprivation induced necroptosis by decreasing RIP3 expression. <i>Journal of Cellular Physiology</i> , 2018, 233, 4864-4884.	4.1	46
11	A systematic summary of survival and death signalling during the life of hair follicle stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 453.	5.5	46
12	Calpain: a molecule to induce AIF-mediated necroptosis in RGC-5 following elevated hydrostatic pressure. <i>BMC Neuroscience</i> , 2014, 15, 63.	1.9	43
13	A shortage of cadavers: The predicament of regional anatomy education in mainland China. <i>Anatomical Sciences Education</i> , 2018, 11, 397-402.	3.7	43
14	Current status and potential role of circular RNAs in neurological disorders. <i>Journal of Neurochemistry</i> , 2019, 150, 237-248.	3.9	43
15	Receptor interacting protein 3-induced RGC-5 cell necroptosis following oxygen glucose deprivation. <i>BMC Neuroscience</i> , 2015, 16, 49.	1.9	37
16	Cdk5-mediated Drp1 phosphorylation drives mitochondrial defects and neuronal apoptosis in radiation-induced optic neuropathy. <i>Cell Death and Disease</i> , 2020, 11, 720.	6.3	37
17	Basic fibroblast growth factor reduces scar by inhibiting the differentiation of epidermal stem cells to myofibroblasts via the Notch1/Jagged1 pathway. <i>Stem Cell Research and Therapy</i> , 2017, 8, 114.	5.5	35
18	How does temperature play a role in the storage of extracellular vesicles?. <i>Journal of Cellular Physiology</i> , 2020, 235, 7663-7680.	4.1	35

#	ARTICLE	IF	CITATIONS
19	Necroptosis contributes to methamphetamine-induced cytotoxicity in rat cortical neurons. <i>Toxicology in Vitro</i> , 2016, 35, 163-168.	2.4	34
20	Overview of long non-coding RNA and mRNA expression in response to methamphetamine treatment in vitro. <i>Toxicology in Vitro</i> , 2017, 44, 1-10.	2.4	34
21	Expression signatures of long non-coding RNA and mRNA in human traumatic brain injury. <i>Neural Regeneration Research</i> , 2019, 14, 632.	3.0	33
22	Progress in studies of epidermal stem cells and their application in skin tissue engineering. <i>Stem Cell Research and Therapy</i> , 2020, 11, 303.	5.5	30
23	RSK3 mediates necroptosis by regulating phosphorylation of RIP3 in rat retinal ganglion cells. <i>Journal of Anatomy</i> , 2020, 237, 29-47.	1.5	28
24	Pin1 Promotes Regulated Necrosis Induced by Glutamate in Rat Retinal Neurons via CAST/Calpain2 Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 425.	3.7	27
25	Silencing of GAS5 Alleviates Glaucoma in Rat Models by Reducing Retinal Ganglion Cell Apoptosis. <i>Human Gene Therapy</i> , 2019, 30, 1505-1519.	2.7	27
26	CPS1 expression and its prognostic significance in lung adenocarcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 341-341.	1.7	27
27	microRNA-203 Modulates Wound Healing and Scar Formation via Suppressing Hes1 Expression in Epidermal Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2333-2347.	1.6	26
28	RIP3/MLKL-mediated neuronal necroptosis induced by methamphetamine at 39°C. <i>Neural Regeneration Research</i> , 2020, 15, 865.	3.0	26
29	Mixed lineage kinase domain-like protein induces RGC-5 necroptosis following elevated hydrostatic pressure. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 879-889.	2.0	24
30	Circular RNA circKIF4A Sponges miR-375/1231 to Promote Bladder Cancer Progression by Upregulating NOTCH2 Expression. <i>Frontiers in Pharmacology</i> , 2020, 11, 605.	3.5	24
31	The effect and underlying mechanism of Timosaponin B-II on RGC-5 necroptosis induced by hydrogen peroxide. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 459.	3.7	23
32	Timosaponin-BII inhibits the up-regulation of BACE1 induced by Ferric Chloride in rat retina. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 189.	3.7	22
33	Distribution of thrombospondins and their neuronal receptor $\alpha 2 \beta 1$ in the rat retina. <i>Experimental Eye Research</i> , 2013, 111, 36-49.	2.6	22
34	The effects and regulatory mechanism of RIP3 on RGC-5 necroptosis following elevated hydrostatic pressure. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 128-137.	2.0	22
35	c-FLIP regulates pyroptosis in retinal neurons following oxygen-glucose deprivation/recovery via a GSDMD-mediated pathway. <i>Annals of Anatomy</i> , 2021, 235, 151672.	1.9	22
36	The Role of HSP90 α in Methamphetamine/Hyperthermia-Induced Necroptosis in Rat Striatal Neurons. <i>Frontiers in Pharmacology</i> , 2021, 12, 716394.	3.5	21

#	ARTICLE	IF	CITATIONS
37	Programmed cell death in stem cell-based therapy: Mechanisms and clinical applications. <i>World Journal of Stem Cells</i> , 2021, 13, 386-415.	2.8	20
38	Insight into Crosstalk Between Mitophagy and Apoptosis/Necroptosis: Mechanisms and Clinical Applications in Ischemic Stroke. <i>Current Medical Science</i> , 2022, 42, 237-248.	1.8	20
39	Inhibition of calpain on oxygen glucose deprivation-induced RGC-5 necroptosis. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 639-645.	1.0	19
40	The Toxic Effect of ALLN on Primary Rat Retinal Neurons. <i>Neurotoxicity Research</i> , 2016, 30, 392-406.	2.7	19
41	Stem Cell Transplantation in the Treatment of Type 1 Diabetes Mellitus: From Insulin Replacement to Beta-Cell Replacement. <i>Frontiers in Endocrinology</i> , 2022, 13, 859638.	3.5	17
42	Calpain2 but not calpain1 mediated by calpastatin following glutamate-induced regulated necrosis in rat retinal neurons. <i>Annals of Anatomy</i> , 2019, 221, 57-67.	1.9	16
43	Macrogliia-derived thrombospondin 2 regulates alterations of presynaptic proteins of retinal neurons following elevated hydrostatic pressure. <i>PLoS ONE</i> , 2017, 12, e0185388.	2.5	16
44	Drilling Combined with Adipose-derived Stem Cells and Bone Morphogenetic Protein-2 to Treat Femoral Head Epiphyseal Necrosis in Juvenile Rabbits. <i>Current Medical Science</i> , 2018, 38, 277-288.	1.8	15
45	NDRG2 attenuates ischemia-induced astrocyte necroptosis via the repression of RIPK1. <i>Molecular Medicine Reports</i> , 2020, 22, 3103-3110.	2.4	15
46	Pin1 Is Regulated by CaMKII Activation in Glutamate-Induced Retinal Neuronal Regulated Necrosis. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 276.	3.7	14
47	Using drugs to target necroptosis: dual roles in disease therapy. <i>Histology and Histopathology</i> , 2018, 33, 773-789.	0.7	14
48	Progress in studies of necroptosis and its relationship to disease processes. <i>Pathology Research and Practice</i> , 2018, 214, 1749-1757.	2.3	13
49	Antioxidant cascades confer neuroprotection in ethanol, morphine, and methamphetamine preconditioning. <i>Neurochemistry International</i> , 2019, 131, 104540.	3.8	13
50	Involvement of miRNA203 in the proliferation of epidermal stem cells during the process of DM chronic wound healing through Wnt signal pathways. <i>Stem Cell Research and Therapy</i> , 2020, 11, 348.	5.5	13
51	Regulatory Role of Chinese Herbal Medicine in Regulated Neuronal Death. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 228-248.	1.4	13
52	Targeting Programmed Cell Death to Improve Stem Cell Therapy: Implications for Treating Diabetes and Diabetes-Related Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 809656.	3.7	12
53	Enhanced biocompatibility and osseointegration of calcium titanate coating on titanium screws in rabbit femur. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2017, 37, 362-370.	1.0	10
54	Redox regulation in hydrogen sulfide action: From neurotoxicity to neuroprotection. <i>Neurochemistry International</i> , 2019, 128, 58-69.	3.8	10

#	ARTICLE	IF	CITATIONS
55	Tissue-derived extracellular vesicles: Research progress from isolation to application. <i>Pathology Research and Practice</i> , 2021, 226, 153604.	2.3	10
56	Study on establishment and mechanics application of finite element model of bovine eye. <i>BMC Ophthalmology</i> , 2015, 15, 101.	1.4	9
57	Regulatory effects of inhibiting the activation of glial cells on retinal synaptic plasticity. <i>Neural Regeneration Research</i> , 2014, 9, 385.	3.0	8
58	Antibodies with Higher Bactericidal Activity Induced by a <i>Neisseria gonorrhoeae</i> Rmp Deletion Mutant Strain. <i>PLoS ONE</i> , 2014, 9, e90525.	2.5	7
59	Regional Expression of Act-MMP3 Contributes to the Selective Loss of Neurons in Ganglion Cell Layers following Acute Retinal ischemia/Reperfusion Injury. <i>Current Eye Research</i> , 2020, 45, 591-603.	1.5	7
60	The Role of Statins in the Management of Delirium: Recent Advances. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 203-215.	1.4	6
61	Effect of type-2 astrocytes on the viability of dorsal root ganglion neurons and length of neuronal processes. <i>Neural Regeneration Research</i> , 2014, 9, 119.	3.0	6
62	The International Teaching and Practice of Cryobiology and Biobankology Course in China. <i>Biopreservation and Biobanking</i> , 2020, 18, 10-13.	1.0	5
63	Extracellular vesicles derived from mesenchymal stem cells: A platform that can be engineered. <i>Histology and Histopathology</i> , 2021, 36, 615-632.	0.7	5
64	Spatiotemporal alterations of presynaptic elements in the retina after high intraocular pressure. <i>Neural Regeneration Research</i> , 2012, 7, 1234-40.	3.0	5
65	Adenosine A3 receptor activated in H ₂ O ₂ oxidative stress of primary open-angle glaucoma. <i>Annals of Translational Medicine</i> , 2021, 9, 526-526.	1.7	4
66	The correlation between rat retinal nerve fiber layer thickness around optic disc by using optical coherence tomography and histological measurements. <i>International Journal of Ophthalmology</i> , 2013, 6, 415-21.	1.1	4
67	Normal vitreous promotes angiogenesis via the epidermal growth factor receptor. <i>FASEB Journal</i> , 2020, 34, 14799-14809.	0.5	3
68	Development of a prognostic signature for bladder cancer based on immune-related genes. <i>Annals of Translational Medicine</i> , 2020, 8, 1380-1380.	1.7	3
69	Analysis of factors related to prognosis and death of fish bile poisoning in China: A retrospective study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 419-428.	2.5	3
70	iTRAQ-based proteomic analysis of the rat striatum in response to methamphetamine preconditioning. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 636-639.	2.0	3
71	A rare variation of the hemiazygos vein draining into the persistent left superior vena cava. <i>Anatomical Science International</i> , 2019, 94, 269-273.	1.0	2
72	Metabonomic profiling of blood plasma from erectile dysfunction patients using ¹ H nuclear magnetic resonance spectroscopy. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 332-335.	2.0	2

#	ARTICLE	IF	CITATIONS
73	Regulatory Strategies for Cell Death in Neurological Diseases. CNS and Neurological Disorders - Drug Targets, 2021, 20, 201-202.	1.4	0
74	The Multi-Modal Risk Analysis and Medical Prevention of Lumbar Degeneration, Fatigue, and Injury Based on FEM/BMD for Elderly Chinese Women Who Act as Stay-Home Grandchildren Sitters. Frontiers in Public Health, 2021, 9, 700148.	2.7	0