

# Dan Chen

## List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Inhibition of HSP90 $\alpha$ 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
2	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
3	Receptor interacting protein 3-induced RGC-5 cell necroptosis following oxygen glucose deprivation. <i>BMC Neuroscience</i> , 2015, 16, 49.	1.9	37
4	Normalizing HDAC2 Levels in the Spinal Cord Alleviates Thermal and Mechanical Hyperalgesia After Peripheral Nerve Injury and Promotes GAD65 and KCC2 Expression. <i>Frontiers in Neuroscience</i> , 2019, 13, 346.	2.8	34
5	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
6	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
7	RIP3/MLKL-mediated neuronal necroptosis induced by methamphetamine at 39 $^{\circ}$ C. <i>Neural Regeneration Research</i> , 2020, 15, 865.	3.0	26
8	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
9	BACE1 in the retina: a sensitive biomarker for monitoring early pathological changes in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2016, 11, 447.	3.0	23
10	Distribution of thrombospondins and their neuronal receptor $\alpha$ 1 in the rat retina. <i>Experimental Eye Research</i> , 2013, 111, 36-49.	2.6	22
11	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
12	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
13	Screening of Drug Metabolizing Enzymes for the Ginsenoside Compound K In Vitro: An Efficient Anti-Cancer Substance Originating from Panax Ginseng. <i>PLoS ONE</i> , 2016, 11, e0147183.	2.5	22
14	The Clinical Applications of Endometrial Mesenchymal Stem Cells. <i>Biopreservation and Biobanking</i> , 2018, 16, 158-164.	1.0	21
15	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
16	The Toxic Effect of ALLN on Primary Rat Retinal Neurons. <i>Neurotoxicity Research</i> , 2016, 30, 392-406.	2.7	19
17	Factors that influence in vitro fertilization treatment outcomes of Chinese men: A cross-sectional study. <i>Applied Nursing Research</i> , 2016, 32, 222-226.	2.2	18
18	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

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19	Macrogliia-derived thrombospondin 2 regulates alterations of presynaptic proteins of retinal neurons following elevated hydrostatic pressure. PLoS ONE, 2017, 12, e0185388.	2.5	16
20	Pin1 Is Regulated by CaMKII Activation in Glutamate-Induced Retinal Neuronal Regulated Necrosis. Frontiers in Cellular Neuroscience, 2019, 13, 276.	3.7	14
21	Using drugs to target necroptosis: dual roles in disease therapy. Histology and Histopathology, 2018, 33, 773-789.	0.7	14
22	Progress in studies of necroptosis and its relationship to disease processes. Pathology Research and Practice, 2018, 214, 1749-1757.	2.3	13
23	The LRP6 functional mutation rs2302685 contributes to individual susceptibility to alcoholic liver injury related to the Wnt/ $\beta$ -catenin-TCF1-CYP2E1 signaling pathway. Archives of Toxicology, 2019, 93, 1679-1695.	4.2	13
24	Fluoxetine Pretreatment Promotes Neuronal Survival and Maturation after Auditory Fear Conditioning in the Rat Amygdala. PLoS ONE, 2014, 9, e89147.	2.5	13
25	Melatonin Alleviates Pyroptosis of Retinal Neurons Following Acute Intraocular Hypertension. CNS and Neurological Disorders - Drug Targets, 2021, 20, 285-297.	1.4	10
26	Inhibiting Matrix Metalloproteinase 3 Ameliorates Neuronal Loss in the Ganglion Cell Layer of Rats in Retinal Ischemia/Reperfusion. Neurochemical Research, 2016, 41, 1107-1118.	3.3	9
27	Regulatory effects of inhibiting the activation of glial cells on retinal synaptic plasticity. Neural Regeneration Research, 2014, 9, 385.	3.0	8
28	Kinetics of cytochrome P450 enzymes for metabolism of sodium tanshinone IIA sulfonate in vitro. Chinese Medicine, 2016, 11, 11.	4.0	8
29	Regional Expression of Act-MMP3 Contributes to the Selective Loss of Neurons in Ganglion Cell Layers following Acute Retinal ischemia/Reperfusion Injury. Current Eye Research, 2020, 45, 591-603.	1.5	7
30	Preparation of new tissue engineering bone-CPC/PLGA composite and its application in animal bone defects. Central South University, 2010, 17, 202-210.	0.5	6
31	Effect of type-2 astrocytes on the viability of dorsal root ganglion neurons and length of neuronal processes. Neural Regeneration Research, 2014, 9, 119.	3.0	6
32	Isolation and identification of Rhodosporidium diobovatum DS-0205 from deep-sea sediment of eastern Pacific Ocean. Central South University, 2009, 16, 942-947.	0.5	5
33	Extracellular vesicles derived from mesenchymal stem cells: A platform that can be engineered. Histology and Histopathology, 2021, 36, 615-632.	0.7	5
34	Spatiotemporal alterations of presynaptic elements in the retina after high intraocular pressure. Neural Regeneration Research, 2012, 7, 1234-40.	3.0	5
35	HIV-Proteins-Associated CNS Neurotoxicity, Their Mediators, and Alternative Treatments. Cellular and Molecular Neurobiology, 2022, 42, 2553-2569.	3.3	4
36	Lrp6 Genotype affects Individual Susceptibility to Nonalcoholic Fatty Liver Disease and Silibinin Therapeutic Response via Wnt/ $\beta$ -catenin-Cyp2e1 Signaling. International Journal of Biological Sciences, 2021, 17, 3936-3953.	6.4	2

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37	Special Section: A Well-Preserved 2000-Year-Old Chinese Cadaver. Biopreservation and Biobanking, 2019, 17, 93-94.	1.0	1
38	Acute high intraocular pressure increases synaptogenesis in the outer plexiform layer of rat retina. Cell Biology International, 2008, 32, S53-S53.	3.0	0
39	Expression of p-TrkB receptor in rat retina following acute high intraocular pressure with BDNF pre-treated. Cell Biology International, 2008, 32, S57-S57.	3.0	0
40	The relationship between the selective ganglion cell death and local blood supply in rat retina following acute high intraocular pressure. Cell Biology International, 2008, 32, S63-S64.	3.0	0
41	Design and Development of Digital and Innovative Anatomy Museum. , 2016, , .		0
42	A New Method of Biostorage and Biopreservation for Human Amputated Extremities. Biopreservation and Biobanking, 2018, 16, 251-257.	1.0	0