

# Dan Chen

## List of Publications by Year in descending order

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42  
papers

630  
citations

516710

16  
h-index

642732

23  
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44  
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docs citations

44  
times ranked

740  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | HIV-Proteins-Associated CNS Neurotoxicity, Their Mediators, and Alternative Treatments. Cellular and Molecular Neurobiology, 2022, 42, 2553-2569.   | 3.3 | 4         |
| 2  | c-FLIP regulates pyroptosis in retinal neurons following oxygen-glucose deprivation/recovery via a GSDMD-mediated pathway. Annals of Anatomy, 2021, 235, 151672.  | 1.9 | 22        |
| 3  | Extracellular vesicles derived from mesenchymal stem cells: A platform that can be engineered. Histology and Histopathology, 2021, 36, 615-632.   | 0.7 | 5         |
| 4  | Melatonin Alleviates Pyroptosis of Retinal Neurons Following Acute Intraocular Hypertension. CNS and Neurological Disorders - Drug Targets, 2021, 20, 285-297.  | 1.4 | 10        |
| 5  | 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         |
| 6  | 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         |
| 7  | RSK3 mediates necroptosis by regulating phosphorylation of RIP3 in rat retinal ganglion cells. Journal of Anatomy, 2020, 237, 29-47.  | 1.5 | 28        |
| 8  | RIP3/MLKL-mediated neuronal necroptosis induced by methamphetamine at 39°C. Neural Regeneration Research, 2020, 15, 865.  | 3.0 | 26        |
| 9  | Pin1 Is Regulated by CaMKII Activation in Glutamate-Induced Retinal Neuronal Regulated Necrosis. Frontiers in Cellular Neuroscience, 2019, 13, 276.   | 3.7 | 14        |
| 10 | Normalizing HDAC2 Levels in the Spinal Cord Alleviates Thermal and Mechanical Hyperalgesia After Peripheral Nerve Injury and Promotes GAD65 and KCC2 Expression. Frontiers in Neuroscience, 2019, 13, 346.                            | 2.8 | 34        |
| 11 | 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        |
| 12 | Special Section: A Well-Preserved 2000-Year-Old Chinese Cadaver. Biopreservation and Biobanking, 2019, 17, 93-94.   | 1.0 | 1         |
| 13 | Calpain2 but not calpain1 mediated by calpastatin following glutamate-induced regulated necrosis in rat retinal neurons. Annals of Anatomy, 2019, 221, 57-67.   | 1.9 | 16        |
| 14 | A shortage of cadavers: The predicament of regional anatomy education in mainland China. Anatomical Sciences Education, 2018, 11, 397-402.  | 3.7 | 43        |
| 15 | Inhibition of HSP90 $\alpha$ protects cultured neurons from oxygen-glucose deprivation induced necroptosis by decreasing RIP3 expression. Journal of Cellular Physiology, 2018, 233, 4864-4884.                                       | 4.1 | 46        |
| 16 | The Clinical Applications of Endometrial Mesenchymal Stem Cells. Biopreservation and Biobanking, 2018, 16, 158-164.   | 1.0 | 21        |
| 17 | Progress in studies of necroptosis and its relationship to disease processes. Pathology Research and Practice, 2018, 214, 1749-1757.  | 2.3 | 13        |
| 18 | A New Method of Biostorage and Biopreservation for Human Amputated Extremities. Biopreservation and Biobanking, 2018, 16, 251-257.  | 1.0 | 0         |

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|----|--|-----|-----------|
| 19 | Using drugs to target necroptosis: dual roles in disease therapy. <i>Histology and Histopathology</i> , 2018, 33, 773-789.   | 0.7 | 14        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Design and Development of Digital and Innovative Anatomy Museum. , 2016, , .   |     | 0         |
| 27 | Kinetics of cytochrome P450 enzymes for metabolism of sodium tanshinone IIA sulfonate in vitro. <i>Chinese Medicine</i> , 2016, 11, 11.  | 4.0 | 8         |
| 28 | The Toxic Effect of ALLN on Primary Rat Retinal Neurons. <i>Neurotoxicity Research</i> , 2016, 30, 392-406.  | 2.7 | 19        |
| 29 | Inhibiting Matrix Metalloproteinase 3 Ameliorates Neuronal Loss in the Ganglion Cell Layer of Rats in Retinal Ischemia/Reperfusion. <i>Neurochemical Research</i> , 2016, 41, 1107-1118. | 3.3 | 9         |
| 30 | 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        |
| 31 | 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        |
| 32 | Receptor interacting protein 3-induced RGC-5 cell necroptosis following oxygen glucose deprivation. <i>BMC Neuroscience</i> , 2015, 16, 49.  | 1.9 | 37        |
| 33 | Regulatory effects of inhibiting the activation of glial cells on retinal synaptic plasticity. <i>Neural Regeneration Research</i> , 2014, 9, 385.                                       | 3.0 | 8         |
| 34 | Fluoxetine Pretreatment Promotes Neuronal Survival and Maturation after Auditory Fear Conditioning in the Rat Amygdala. <i>PLoS ONE</i> , 2014, 9, e89147.                               | 2.5 | 13        |
| 35 | 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         |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | Spatiotemporal alterations of presynaptic elements in the retina after high intraocular pressure. <i>Neural Regeneration Research</i> , 2012, 7, 1234-40.   | 3.0 | 5         |
| 38 | Preparation of new tissue engineering bone-CPC/PLGA composite and its application in animal bone defects. <i>Central South University</i> , 2010, 17, 202-210.                                    | 0.5 | 6         |
| 39 | Isolation and identification of <i>Rhodospiridium diobovatum</i> DS-0205 from deep-sea sediment of eastern Pacific Ocean. <i>Central South University</i> , 2009, 16, 942-947.                    | 0.5 | 5         |
| 40 | Acute high intraocular pressure increases synaptogenesis in the outer plexiform layer of rat retina. <i>Cell Biology International</i> , 2008, 32, S53-S53.                                       | 3.0 | 0         |
| 41 | Expression of p-TrkB receptor in rat retina following acute high intraocular pressure with BDNF pre-treated. <i>Cell Biology International</i> , 2008, 32, S57-S57.                               | 3.0 | 0         |
| 42 | The relationship between the selective ganglion cell death and local blood supply in rat retina following acute high intraocular pressure. <i>Cell Biology International</i> , 2008, 32, S63-S64. | 3.0 | 0         |