

Jing Zhuang

List of Publications by Year in descending order

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39
papers

641
citations

686830

13
h-index

642321

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39
docs citations

39
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Checkpoint Kinase 2-Mediated Phosphorylation of BRCA1 Regulates the Fidelity of Nonhomologous End-Joining. <i>Cancer Research</i> , 2006, 66, 1401-1408.	0.4	107
2	Inhibition of Angiogenesis, Fibrosis and Thrombosis by Tetramethylpyrazine: Mechanisms Contributing to the SDF-1/CXCR4 Axis. <i>PLoS ONE</i> , 2014, 9, e88176.	1.1	60
3	hiPSC-derived retinal ganglion cells grow dendritic arbors and functional axons on a tissue-engineered scaffold. <i>Acta Biomaterialia</i> , 2017, 54, 117-127.	4.1	52
4	TSP-1 Secreted by Bone Marrow Stromal Cells Contributes to Retinal Ganglion Cell Neurite Outgrowth and Survival. <i>PLoS ONE</i> , 2008, 3, e2470.	1.1	42
5	Retinoblastoma cell-derived exosomes promote angiogenesis of human vesicle endothelial cells through microRNA-92a-3p. <i>Cell Death and Disease</i> , 2021, 12, 695.	2.7	38
6	Tetramethylpyrazine attenuates endotoxin-induced retinal inflammation by inhibiting microglial activation via the TLR4/NF- κ B signalling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110273.	2.5	24
7	Lithium chloride protects retinal neurocytes from nutrient deprivation by promoting DNA non-homologous end-joining. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 650-654.	1.0	22
8	Lithium promotes DNA stability and survival of ischemic retinal neurocytes by upregulating DNA ligase IV. <i>Cell Death and Disease</i> , 2016, 7, e2473-e2473.	2.7	22
9	Prospective, Randomized, Contralateral Eye Comparison of Functional Optical Zone, and Visual Quality After SMILE and FS-LASIK for High Myopia. <i>Translational Vision Science and Technology</i> , 2022, 11, 13.	1.1	22
10	Retinal Neuron Is More Sensitive to Blue Light-Induced Damage than Glia Cell Due to DNA Double-Strand Breaks. <i>Cells</i> , 2019, 8, 68.	1.8	20
11	Stage-specific differentiation of iPSCs toward retinal ganglion cell lineage. <i>Molecular Vision</i> , 2016, 22, 536-47.	1.1	17
12	Tetramethylpyrazine in a Murine Alkali-Burn Model Blocks NF- κ B/NRF-1/CXCR4-Signaling-Induced Corneal Neovascularization. , 2018, 59, 2133.		16
13	Tetramethylpyrazine (TMP) ameliorates corneal neovascularization via regulating cell infiltration into cornea after alkali burn. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1041-1051.	2.5	14
14	Comparison of anterior section parameters using anterior segment optical coherence tomography and ultrasound biomicroscopy in myopic patients after ICL implantation. <i>International Journal of Ophthalmology</i> , 2016, 9, 58-62.	0.5	14
15	Exosomes derived from retinoblastoma cells enhance tumour deterioration by infiltrating the microenvironment. <i>Oncology Reports</i> , 2020, 45, 278-290.	1.2	14
16	Artesunate induces mitochondria-mediated apoptosis of human retinoblastoma cells by upregulating Kruppel-like factor 6. <i>Cell Death and Disease</i> , 2019, 10, 862.	2.7	13
17	Tetramethylpyrazine (TMP), an Active Ingredient of Chinese Herb Medicine Chuanxiong, Attenuates the Degeneration of Trabecular Meshwork through SDF-1/CXCR4 Axis. <i>PLoS ONE</i> , 2015, 10, e0133055.	1.1	12
18	Tetramethylpyrazine-mediated regulation of CXCR4 in retinoblastoma is sensitive to cell density. <i>Molecular Medicine Reports</i> , 2017, 15, 2481-2488.	1.1	12

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19	Brca1 Is Upregulated by 5-Aza-CdR and Promotes DNA Repair and Cell Survival, and Inhibits Neurite Outgrowth in Rat Retinal Neurons. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1214.	1.8	11
20	Glycogen synthase kinase-3 β inhibitor SB216763 promotes DNA repair in ischemic retinal neurons. <i>Neural Regeneration Research</i> , 2021, 16, 394.	1.6	11
21	Assessing oxygen saturation in retinal vessels in high myopia patients pre- and post-implantable collamer lens implantation surgery. <i>Acta Ophthalmologica</i> , 2017, 95, 576-582.	0.6	9
22	Posterior chamber phakic intraocular lens for the correction of high myopic anisometropic amblyopia in adults. <i>International Journal of Ophthalmology</i> , 2018, 11, 1870-1874.	0.5	9
23	BRCA1 Silencing Is Associated with Failure of DNA Repairing in Retinal Neurocytes. <i>PLoS ONE</i> , 2014, 9, e99371.	1.1	8
24	Nuclear Respiratory Factor-1 (NRF-1) Regulates Transcription of the CXC Receptor 4 (CXCR4) in the Rat Retina. , 2017, 58, 4662.		8
25	BAM15 attenuates transportation-induced apoptosis in iPS-differentiated retinal tissue. <i>Stem Cell Research and Therapy</i> , 2019, 10, 64.	2.4	8
26	Ubiquitination-Related miRNA-mRNA Interaction Is a Potential Mechanism in the Progression of Retinoblastoma. , 2021, 62, 3.		8
27	DNA demethylation in retinal neurocytes contributes to the upregulation of DNA repair protein, Ku80. <i>NeuroReport</i> , 2010, 21, 282-286.	0.6	7
28	Thrombospondin-1 might be a therapeutic target to suppress RB cells by regulating the DNA double-strand breaks repair. <i>Oncotarget</i> , 2016, 7, 6105-6120.	0.8	7
29	Histone deacetylase inhibitors differentially regulate c-Myc expression in retinoblastoma cells. <i>Oncology Letters</i> , 2020, 19, 460-468.	0.8	7
30	Kruppel-like factor 2 acts as a tumor suppressor in human retinoblastoma. <i>Experimental Eye Research</i> , 2022, 216, 108955.	1.2	7
31	Discordant mRNA and protein expression of CXCR4 under in vitro CoCl ₂ -induced hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 285-291.	1.0	5
32	Crx Is Posttranscriptionally Regulated by Light Stimulation in Postnatal Rat Retina. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 174.	1.8	5
33	Up-Regulation of SorCS1, an Important Sorting Receptor, in the Retina of a Form-Deprivation Rat Model. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 395-405.	1.7	4
34	Tetramethylpyrazine downregulates transcription of the CXC receptor 4 (CXCR4) via nuclear respiratory factor 1 (Nrf1) in WERI-Rb1 retinoblastoma cells. <i>Oncology Reports</i> , 2019, 42, 1214-1224.	1.2	1
35	A modified high-yield method for primary culture of rat retinal microglial cells. <i>Experimental Eye Research</i> , 2022, 215, 108919.	1.2	1
36	Gata3 Silencing Is Involved in Neuronal Differentiation and Its Abnormal Expression Impedes Neural Activity in Adult Retinal Neurocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2495.	1.8	1

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37	Tsp-1 is involved in DNA stability through Tgf- β 1 activation domain in cone photoreceptor 661 \hat{A} W cells. Cell and Tissue Research, 2022, , 1.	1.5	1
38	Comparison of DNA stability and its related genes of neurons derived from induced pluripotent stem cells and primary retinal neurons. Cell Biology International, 2022, 46, 1625-1636.	1.4	1
39	Comparison of the Response to the CXCR4 Antagonist AMD3100 during the Development of Retinal Organoids Derived from ES Cells and Zebrafish Retina. International Journal of Molecular Sciences, 2022, 23, 7088.	1.8	1