Dong Feng Chen

List of Publications by Year
in descending order

76 papers	6,896 citations	201674 27 h-index	114465 63 g-index
80 all docs	80 docs citations	80 times ranked	7709 citing authors

#	Article	IF	Citations
1	The Prevalence of Autoimmune Diseases in Patients with Primary Open-Angle Glaucoma Undergoing Ophthalmic Surgeries. Ophthalmology Glaucoma, 2022, 5, 128-136.	1.9	5
2	Hepatitis B and Hepatitis C Virus Infection Promote Liver Fibrogenesis through a TGF-Î²1â€"Induced OCT4/Nanog Pathway. Journal of Immunology, 2022, 208, 672-684.	0.8	12
3	Baicaleinâ€"A Potent Pro-Homeostatic Regulator of Microglia in Retinal Ischemic Injury. Frontiers in Immunology, 2022, 13, 837497.	4.8	8
4	Metabolomics in Primary Open Angle Glaucoma: A Systematic Review and Meta-Analysis. Frontiers in Neuroscience, 2022, 16, .	2.8	8
5	TNFÎ± activates MAPK and Jak-Stat pathways to promote mouse MÃ¼ller cell proliferation. Experimental Eye Research, 2021, 202, 108353.	2.6	14
6	Non-invasive electrical stimulation as a potential treatment for retinal degenerative diseases. Neural Regeneration Research, 2021, 16, 1558.	3.0	3
7	NF-ÎºB activation in retinal microglia is involved in the inflammatory and neovascularization signaling in laser-induced choroidal neovascularization in mice. Experimental Cell Research, 2021, 403, 112581.	2.6	14
8	Baicalein, Baicalin, and Wogonin: Protective Effects against Ischemia-Induced Neurodegeneration in the Brain and Retina. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	4.0	44
9	Development of Primary Open Angle Glaucoma-Like Features in a Rhesus Macaque Colony From Southern China. Translational Vision Science and Technology, 2021, 10, 20.	2.2	9
10	Absence of ephrin-A2/A3 increases retinal regenerative potential for MÃ¼ller cells in Rhodopsin knockout mice. Neural Regeneration Research, 2021, 16, 1317.	3.0	3
11	The role of commensal microflora-induced T cell responses in glaucoma neurodegeneration. Progress in Brain Research, 2020, 256, 79-97.	1.4	21
12	Therapeutic Targeting of Retinal Immune Microenvironment With CSF-1 Receptor Antibody Promotes Visual Function Recovery After Ischemic Optic Neuropathy. Frontiers in Immunology, 2020, 11, 585918.	4.8	16
13	Electrical Stimulation Induces Retinal MÃ¼ller Cell Proliferation and Their Progenitor Cell Potential. Cells, 2020, 9, 781.	4.1	24
14	Adaptive Immunity: New Aspects of Pathogenesis Underlying Neurodegeneration in Glaucoma and Optic Neuropathy. Frontiers in Immunology, 2020, 11, 65.	4.8	42
15	Noninvasive Electrical Stimulation Improves Photoreceptor Survival and Retinal Function in Mice with Inherited Photoreceptor Degeneration. , 2020, 61, 5.		21
16	CD4+ T-Cell Responses Mediate Progressive Neurodegeneration in Experimental Ischemic Retinopathy. American Journal of Pathology, 2020, 190, 1723-1734.	3.8	20
17	Mouse retinal cell behaviour in space and time using light sheet fluorescence microscopy. ELife, 2020, 9, .	6.0	30
18	Neuroinflammation and microglia in glaucoma: time for a paradigm shift. Journal of Neuroscience Research, 2019, 97, 70-76.	2.9	135

#	Article	IF	Citations
19	Visual Contrast Sensitivity Correlates to the Retinal Degeneration in Rhodopsin Knockout Mice. , 2019, 60, 4196.		13
20	Microrna-130a Downregulates HCV Replication through an atg5-Dependent Autophagy Pathway. Cells, 2019, 8, 338.	4.1	19
21	Polybenzyl Glutamate Biocompatible Scaffold Promotes the Efficiency of Retinal Differentiation toward Retinal Ganglion Cell Lineage from Human-Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2019, 20, 178.	4.1	23
22	Emerging roles for insulin-like growth factor binding protein like protein 1. Neural Regeneration Research, 2019, 14, 258.	3.0	2
23	IGFBPL1 Regulates Axon Growth through IGF-1-mediated Signaling Cascades. Scientific Reports, 2018, 8, 2054.	3.3	33
24	Optimization of Optomotor Response-based Visual Function Assessment in Mice. Scientific Reports, 2018, 8, 9708.	3.3	31
25	Commensal microflora-induced T cell responses mediate progressive neurodegeneration in glaucoma. Nature Communications, 2018, 9, 3209.	12.8	184
26	Ezh2 does not mediate retinal ganglion cell homeostasis or their susceptibility to injury. PLoS ONE, 2018, 13, e0191853.	2.5	10
27	Impact of Storage Temperature on the Expression of Cell Survival Genes in Cultured ARPE-19 Cells. Current Eye Research, 2017, 42, 134-144.	1.5	3
28	Induced Pluripotent Stem Cells: Development in the Ophthalmologic Field. Stem Cells International, 2016, 2016, 1-7.	2.5	13
29	Rescue of Glaucomatous Neurodegeneration by Differentially Modulating Neuronal Endoplasmic Reticulum Stress Molecules. Journal of Neuroscience, 2016, 36, 5891-5903.	3.6	72
30	Electrical Stimulation as a Means for Improving Vision. American Journal of Pathology, 2016, 186, 2783-2797.	3.8	136
31	Postnatal onset of retinal degeneration by loss of embryonic Ezh2 repression of Six1. Scientific Reports, 2016, 6, 33887.	3.3	26
32	Mobilizing Endogenous Stem Cells for Retinal Repair. , 2016, , 297-308.		0
33	Optic neuropathy and increased retinal glial fibrillary acidic protein due to microbead-induced ocular hypertension in the rabbit. International Journal of Ophthalmology, 2016, 9, 1732-1739.	1.1	6
34	Computerâ€aided analyses of mouse retinal <scp>OCT</scp> images â€" an actual application report. Ophthalmic and Physiological Optics, 2015, 35, 442-449.	2.0	2
35	Transplantation of Human Neural Progenitor Cells Expressing IGF-1 Enhances Retinal Ganglion Cell Survival. PLoS ONE, 2015, 10, e0125695.	2.5	31
36	The Intrinsic Determinants of Axon Regeneration in the Central Nervous System. , 2015, , 197-207.		0

#	Article	IF	Citations
37	Peptic ulcer bleeding in <scp>C</scp>hina: A multicenter endoscopic survey of 1006 patients. Journal of Digestive Diseases, 2014, 15, 5-11.	1.5	11
38	Mobilizing endogenous stem cells for retinal repair. Translational Research, 2014, 163, 387-398.	5.0	29
39	Ephrin-A2 and -A3 are negative regulators of the regenerative potential of MÃ¶ller cells. Chinese Medical Journal, 2014, 127, 3438-42.	2.3	5
40	Epigenetic Mechanisms of Retinal Disease. , 2013, , 642-651.		0
41	Ephrinâ€A3 Suppresses Wnt Signaling to Control Retinal Stem Cell Potency. Stem Cells, 2013, 31, 349-359.	3.2	32
42	The Immunology of Glaucoma. Asia-Pacific Journal of Ophthalmology, 2012, 1, 303-311.	2.5	12
43	A sulfated carbohydrate epitope inhibits axon regeneration after injury. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4768-4773.	7.1	136
44	Differential Effects of Unfolded Protein Response Pathways on Axon Injury-Induced Death of Retinal Ganglion Cells. Neuron, 2012, 73, 445-452.	8.1	174
45	Microbead-Induced Ocular Hypertensive Mouse Model for Screening and Testing of Aqueous Production Suppressants for Glaucoma. , 2012, 53, 3733.		65
46	Opposing Roles for Membrane Bound and Soluble Fas Ligand in Glaucoma-Associated Retinal Ganglion Cell Death. PLoS ONE, 2011, 6, e17659.	2.5	77
47	Neuroglobin Is an Endogenous Neuroprotectant for Retinal Ganglion Cells against Glaucomatous Damage. American Journal of Pathology, 2011, 179, 2788-2797.	3.8	47
48	Optic Neuropathy Due to Microbead-Induced Elevated Intraocular Pressure in the Mouse. , 2011, 52, 36.		158
49	Epigenetic regulation of retinal development and disease. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 121-136.	0.2	13
50	An Epigenetic Approach Toward Understanding Ocular Î±-Herpesvirus Pathogenesis and Treatment. International Ophthalmology Clinics, 2011, 51, 117-133.	0.7	5
51	Dynamic Patterns of Histone Lysine Methylation in the Developing Retina. , 2010, 51, 6784.		39
52	Minocycline Inhibition of Photoreceptor Degeneration. JAMA Ophthalmology, 2009, 127, 1475.	2.4	33
53	Promoting Optic Nerve Regeneration in Adult Mice with Pharmaceutical Approach. Neurochemical Research, 2008, 33, 2126-2133.	3.3	28
54	Induction of Neurogenesis in Nonconventional Neurogenic Regions of the Adult Central Nervous System by Niche Astrocyte-Produced Signals. Stem Cells, 2008, 26, 1221-1230.	3.2	149

#	Article	IF	Citations
55	Î±-Aminoadipate Induces Progenitor Cell Properties of MuÌˆller Glia in Adult Mice. , 2008, 49, 1142.		125
56	Elevated MMP Expression in the MRL Mouse Retina Creates a Permissive Environment for Retinal Regeneration. , 2008, 49, 1686.		49
57	Ephrins as negative regulators of adult neurogenesis in diverse regions of the central nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8778-8783.	7.1	83
58	Attenuated Glial Reactions and Photoreceptor Degeneration after Retinal Detachment in Mice Deficient in Glial Fibrillary Acidic Protein and Vimentin. , 2007, 48, 2760.		149
59	Characterization of cytokine responses to retinal detachment in rats. Molecular Vision, 2006, 12, 867-78.	1.1	119
60	Bcl-2 enhances Ca2+ signaling to support the intrinsic regenerative capacity of CNS axons. EMBO Journal, 2005, 24, 1068-1078.	7.8	100
61	Re-establishing the regenerative potential of central nervous system axons in postnatal mice. Journal of Cell Science, 2005, 118, 863-872.	2.0	144
62	Vascular Damage in a Mouse Model of Diabetic Retinopathy: Relation to Neuronal and Glial Changes. , 2005, 46, 4281.		245
63	Photoreceptor apoptosis in human retinal detachment. American Journal of Ophthalmology, 2005, 139, 605-610.	3.3	190
64	EGFR Activation Mediates Inhibition of Axon Regeneration by Myelin and Chondroitin Sulfate Proteoglycans. Science, 2005, 310, 106-110.	12.6	325
65	Retinal Biopsy Techniques for the Removal of Retinal Tissue Fragments. Ophthalmic Surgery Lasers and Imaging Retina, 2005, 36, 76-78.	0.7	6
66	Preventing Retinal Detachmentâ€“Associated Photoreceptor Cell Loss in Bax-Deficient Mice. , 2004, 45, 648.		85
67	p50Î±/p55Î± Phosphoinositide 3-Kinase Knockout Mice Exhibit Enhanced Insulin Sensitivity. Molecular and Cellular Biology, 2004, 24, 320-329.	2.3	91
68	Response to Quinlan and Nilsson: Astroglia sitting at the controls?. Trends in Neurosciences, 2004, 27, 243-244.	8.6	16
69	Robust neural integration from retinal transplants in mice deficient in GFAP and vimentin. Nature Neuroscience, 2003, 6, 863-868.	14.8	220
70	Support of Retinal Ganglion Cell Survival and Axon Regeneration by Lithium through a Bcl-2-Dependent Mechanism. , 2003, 44, 347.		85
71	Red nucleus neurons of Bcl-2 over-expressing mice are protected from cell death induced by axotomy. NeuroReport, 1999, 10, 3417-3421.	1.2	11
72	Why do mature CNS neurons of mammals fail to re-establish connections following injuryâ€“functions of Bcl-2. Cell Death and Differentiation, 1998, 5, 816-822.	11.2	38

#	Article	IF	Citations
73	NMDA Receptor-Dependent Refinement of Somatotopic Maps. Neuron, 1997, 19, 1201-1210.	8.1	182
74	Skeletal and CNS Defects in Presenilin-1-Deficient Mice. Cell, 1997, 89, 629-639.	28.9	937
75	Bcl-2 promotes regeneration of severed axons in mammalian CNS. Nature, 1997, 385, 434-439.	27.8	430
76	Subregion- and Cell Typeâ€"Restricted Gene Knockout in Mouse Brain. Cell, 1996, 87, 1317-1326.	28.9	1,207