Timothy A Blenkinsop

List of Publications by Year
in descending order

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31 papers	1,547 citations	394421 19 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	1781 citing authors

#	Article	IF	Citations
1	Adult Human RPE Can Be Activated into a Multipotent Stem Cell that Produces Mesenchymal Derivatives. Cell Stem Cell, 2012, 10, 88-95.	11.1	233
2	Human RPE Stem Cells Grown into Polarized RPE Monolayers on a Polyester Matrix Are Maintained after Grafting into Rabbit Subretinal Space. Stem Cell Reports, 2014, 2, 64-77.	4.8	145
3	Nicotinamide Ameliorates Disease Phenotypes in a Human iPSC Model of Age-Related Macular Degeneration. Cell Stem Cell, 2017, 20, 635-647.e7.	11.1	135
4	Block of Inferior Olive Gap Junctional Coupling Decreases Purkinje Cell Complex Spike Synchrony and Rhythmicity. Journal of Neuroscience, 2006, 26, 1739-1748.	3.6	120
5	In Pursuit of Authenticity: Induced Pluripotent Stem Cell-Derived Retinal Pigment Epithelium for Clinical Applications. Stem Cells Translational Medicine, 2016, 5, 1562-1574.	3.3	83
6	The Culture and Maintenance of Functional Retinal Pigment Epithelial Monolayers from Adult Human Eye. Methods in Molecular Biology, 2012, 945, 45-65.	0.9	78
7	Human Adult Retinal Pigment Epithelial Stem Cellâ€“Derived RPE Monolayers Exhibit Key Physiological Characteristics of Native Tissue. , 2015, 56, 7085.		65
8	Aberrant early endosome biogenesis mediates complement activation in the retinal pigment epithelium in models of macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9014-9019.	7.1	59
9	Synaptic Action of the Olivocerebellar System on Cerebellar Nuclear Spike Activity. Journal of Neuroscience, 2011, 31, 14708-14720.	3.6	56
10	Chronic oxidative stress upregulates Drusen-related protein expression in adult human RPE stem cell-derived RPE cells: A novel culture model for dry AMD. Aging, 2012, 5, 51-66.	3.1	53
11	The Developmental Stage of Adult Human Stem Cell-Derived Retinal Pigment Epithelium Cells Influences Transplant Efficacy for Vision Rescue. Stem Cell Reports, 2017, 9, 42-49.	4.8	53
12	Multi-species single-cell transcriptomic analysis of ocular compartment regulons. Nature Communications, 2021, 12, 5675.	12.8	48
13	SARS-CoV-2 infects human adult donor eyes and hESC-derived ocular epithelium. Cell Stem Cell, 2021, 28, 1205-1220.e7.	11.1	44
14	Epigenomic and Transcriptomic Changes During Human RPE EMT in a Stem Cell Model of Epiretinal Membrane Pathogenesis and Prevention by Nicotinamide. Stem Cell Reports, 2020, 14, 631-647.	4.8	43
15	Complex spike synchrony dependent modulation of rat deep cerebellar nuclear activity. ELife, 2019, 8, .	6.0	42
16	Ophthalmologic stem cell transplantation therapies. Regenerative Medicine, 2012, 7, 32-39.	1.7	40
17	Synchrony is Key: Complex Spike Inhibition of the Deep Cerebellar Nuclei. Cerebellum, 2016, 15, 10-13.	2.5	33
18	Surgical Transplantation of Human RPE Stem Cell-Derived RPE Monolayers into Non-Human Primates with Immunosuppression. Stem Cell Reports, 2021, 16, 237-251.	4.8	30

#	Article	IF	Citations
19	P38 inhibition reverses TGFÎ²1 and TNFÎ±-induced contraction in a model of proliferative vitreoretinopathy. Communications Biology, 2019, 2, 162.	4.4	28
20	Control of Cerebellar Nuclear Cells: A Direct Role for Complex Spikes?. Cerebellum, 2011, 10, 694-701.	2.5	26
21	Modulation of Purkinje cell complex spike waveform by synchrony levels in the olivocerebellar system. Frontiers in Systems Neuroscience, 2014, 8, 210.	2.5	20
22	A novel DPP6 isoform (DPP6-E) can account for differences between neuronal and reconstituted A-type K+ channels. Neuroscience Letters, 2009, 449, 189-194.	2.1	19
23	Human RPE Stem Cell-Derived RPE Preserves Photoreceptors in the Royal College of Surgeons Rat: Method for Quantifying the Area of Photoreceptor Sparing. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 304-309.	1.4	18
24	Immunological Molecular Responses of Human Retinal Pigment Epithelial Cells to Infection With Toxoplasma gondii. Frontiers in Immunology, 2019, 10, 708.	4.8	17
25	A bio-functional polymer that prevents retinal scarring through modulation of NRF2 signalling pathway. Nature Communications, 2022, 13, 2796.	12.8	16
26	Testing a neural coding hypothesis using surrogate data. Journal of Neuroscience Methods, 2008, 172, 312-322.	2.5	14
27	Stem Cellâ€“Derived Retinal Pigment Epithelial Layer Model from Adult Human Globes Donated for Corneal Transplants. Current Protocols in Stem Cell Biology, 2018, 45, e53.	3.0	12
28	Automated Measurement of Cobblestone Morphology for Characterizing Stem Cell Derived Retinal Pigment Epithelial Cell Cultures. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 331-339.	1.4	10
29	Adult human RPE for transplantation: renewing an old promise. Advances in Regenerative Biology, 2015, 2, 27144.	0.2	3
30	Protocols for SARS-CoV-2 infection in primary ocular cells and eye organoids. STAR Protocols, 2022, 3, 101383.	1.2	3
31	Efficiency of Membrane Protein Expression Following Infection with Recombinant Adenovirus of Polarized Non-Transformed Human Retinal Pigment Epithelial Cells. Advances in Experimental Medicine and Biology, 2016, 854, 731-737.	1.6	1