

Dennis Yan-yin Tse

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26
papers

998
citations

14
h-index

29
g-index

29
ext. papers

1,292
ext. citations

5.3
avg, IF

4.32
L-index

#	Paper	IF	Citations
26	SWATH Based Quantitative Proteomics Reveals Significant Lipid Metabolism in Early Myopic Guinea Pig Retina. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
25	High-pH reversed-phase fractionated neural retina proteome of normal growing C57BL/6 mouse. <i>Scientific Data</i> , 2021 , 8, 27	8.2	4
24	Central Role of Oxidative Stress in Age-Related Macular Degeneration: Evidence from a Review of the Molecular Mechanisms and Animal Models. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7901270	6.7	47
23	Autophagy Upregulation by the TFEB Inducer Trehalose Protects against Oxidative Damage and Cell Death Associated with NRF2 Inhibition in Human RPE Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 5296341	6.7	8
22	Defocus Incorporated Multiple Segments (DIMS) spectacle lenses slow myopia progression: a 2-year randomised clinical trial. <i>British Journal of Ophthalmology</i> , 2020 , 104, 363-368	5.5	88
21	Early quantitative profiling of differential retinal protein expression in lens-induced myopia in guinea pig using fluorescence difference two-dimensional gel electrophoresis. <i>Molecular Medicine Reports</i> , 2018 , 17, 5571-5580	2.9	6
20	Characterization of Retinal Ganglion Cell and Optic Nerve Phenotypes Caused by Sustained Intracranial Pressure Elevation in Mice. <i>Scientific Reports</i> , 2018 , 8, 2856	4.9	8
19	Integrated SWATH-based and targeted-based proteomics provide insights into the retinal emmetropization process in guinea pig. <i>Journal of Proteomics</i> , 2018 , 181, 1-15	3.9	16
18	The Interactions Between Bright Light and Competing Defocus During Emmetropization in Chicks 2018 , 59, 2932-2943		5
17	Trehalose reduces retinal degeneration, neuroinflammation and storage burden caused by a lysosomal hydrolase deficiency. <i>Autophagy</i> , 2018 , 14, 1419-1434	10.2	62
16	Data on differentially expressed proteins in retinal emmetropization process in guinea pig using integrated SWATH-based and targeted-based proteomics. <i>Data in Brief</i> , 2018 , 21, 1750-1755	1.2	11
15	mTORC1-independent TFEB activation via Akt inhibition promotes cellular clearance in neurodegenerative storage diseases. <i>Nature Communications</i> , 2017 , 8, 14338	17.4	215
14	The Effect of Spectacle Lenses Containing Peripheral Defocus on Refractive Error and Horizontal Eye Shape in the Guinea Pig 2017 , 58, 2705-2714		16
13	The ocular toxicity and pharmacokinetics of simvastatin following intravitreal injection in mice. <i>International Journal of Ophthalmology</i> , 2017 , 10, 1361-1369	1.4	3
12	Phosphatidylinositol-3-phosphate is light-regulated and essential for survival in retinal rods. <i>Scientific Reports</i> , 2016 , 6, 26978	4.9	27
11	Prolonged elevation of intraocular pressure results in retinal ganglion cell loss and abnormal retinal function in mice. <i>Experimental Eye Research</i> , 2015 , 130, 29-37	3.7	24
10	Electrophysiological and Histological Characterization of Rod-Cone Retinal Degeneration and Microglia Activation in a Mouse Model of Mucopolysaccharidosis Type IIIB. <i>Scientific Reports</i> , 2015 , 5, 17143	4.9	6

9	Defocus Incorporated Soft Contact (DISC) lens slows myopia progression in Hong Kong Chinese schoolchildren: a 2-year randomised clinical trial. <i>British Journal of Ophthalmology</i> , 2014 , 98, 40-5	5.5	172
8	Integration of defocus by dual power Fresnel lenses inhibits myopia in the mammalian eye 2014 , 55, 908-17		30
7	Possible roles of glutamate transporter EAAT5 in mouse cone depolarizing bipolar cell light responses. <i>Vision Research</i> , 2014 , 103, 63-74	2.1	8
6	Egr-1 mRNA expression is a marker for the direction of mammalian ocular growth 2014 , 55, 5911-21		22
5	Pharmacological inhibitions of glutamate transporters EAAT1 and EAAT2 compromise glutamate transport in photoreceptor to ON-bipolar cell synapses. <i>Vision Research</i> , 2014 , 103, 49-62	2.1	14
4	WFDC1 is a key modulator of inflammatory and wound repair responses. <i>American Journal of Pathology</i> , 2014 , 184, 2951-64	5.8	9
3	Elevated intraocular pressure causes inner retinal dysfunction before cell loss in a mouse model of experimental glaucoma 2013 , 54, 762-70		84
2	Graded competing regional myopic and hyperopic defocus produce summated emmetropization set points in chick 2011 , 52, 8056-62		34
1	Simultaneous defocus integration during refractive development. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 5352-9		58