

Dennis Yan-yin Tse

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,556
citations

687335

13
h-index

713444

21
g-index

29
all docs

29
docs citations

29
times ranked

2736
citing authors

#	ARTICLE	IF	CITATIONS
1	mTORC1-independent TFEB activation via Akt inhibition promotes cellular clearance in neurodegenerative storage diseases. <i>Nature Communications</i> , 2017, 8, 14338.	12.8	318
2	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, 40-45.	3.9	261
3	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.	3.9	227
4	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, 1-19.	4.0	105
5	Elevated Intraocular Pressure Causes Inner Retinal Dysfunction Before Cell Loss in a Mouse Model of Experimental Glaucoma. , 2013, 54, 762.		97
6	Trehalose reduces retinal degeneration, neuroinflammation and storage burden caused by a lysosomal hydrolase deficiency. <i>Autophagy</i> , 2018, 14, 1419-1434.	9.1	84
7	Simultaneous Defocus Integration during Refractive Development. , 2007, 48, 5352.		67
8	Graded Competing Regional Myopic and Hyperopic Defocus Produce Summated Emmetropization Set Points in Chick. , 2011, 52, 8056.		42
9	Integration of Defocus by Dual Power Fresnel Lenses Inhibits Myopia in the Mammalian Eye. , 2014, 55, 908.		40
10	Phosphatidylinositol-3-phosphate is light-regulated and essential for survival in retinal rods. <i>Scientific Reports</i> , 2016, 6, 26978.	3.3	34
11	<i>Egr-1</i> mRNA Expression Is a Marker for the Direction of Mammalian Ocular Growth. , 2014, 55, 5911.		33
12	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.	2.6	28
13	The Effect of Spectacle Lenses Containing Peripheral Defocus on Refractive Error and Horizontal Eye Shape in the Guinea Pig. , 2017, 58, 2705.		21
14	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.	1.4	18
15	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.	2.4	18
16	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, 1-18.	4.0	17
17	SWATH Based Quantitative Proteomics Reveals Significant Lipid Metabolism in Early Myopic Guinea Pig Retina. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4721.	4.1	17
18	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.	3.3	16

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19	WFDC1 Is a Key Modulator of Inflammatory and Wound Repair Responses. American Journal of Pathology, 2014, 184, 2951-2964.	3.8	14
20	Characterization of Retinal Ganglion Cell and Optic Nerve Phenotypes Caused by Sustained Intracranial Pressure Elevation in Mice. Scientific Reports, 2018, 8, 2856.	3.3	14
21	Data on differentially expressed proteins in retinal emmetropization process in guinea pig using integrated SWATH-based and targeted-based proteomics. Data in Brief, 2018, 21, 1750-1755.	1.0	13
22	Possible roles of glutamate transporter EAAT5 in mouse cone depolarizing bipolar cell light responses. Vision Research, 2014, 103, 63-74.	1.4	9
23	Early quantitative profiling of differential retinal protein expression in lens-induced myopia in guinea pig using fluorescence difference two-dimensional gel electrophoresis. Molecular Medicine Reports, 2018, 17, 5571-5580.	2.4	9
24	High-pH reversed-phase fractionated neural retina proteome of normal growing C57BL/6 mouse. Scientific Data, 2021, 8, 27.	5.3	9
25	Targeting Lysosomes to Reverse Hydroquinone-Induced Autophagy Defects and Oxidative Damage in Human Retinal Pigment Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 9042.	4.1	9
26	The Interactions Between Bright Light and Competing Defocus During Emmetropization in Chicks. , 2018, 59, 2932.		7
27	The ocular toxicity and pharmacokinetics of simvastatin following intravitreal injection in mice. International Journal of Ophthalmology, 2017, 10, 1361-1369.	1.1	4