

Zhiqian Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6581886/publications.pdf>

Version: 2024-02-01

17
papers

539
citations

686830

13
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive two-photon microscopy imaging of mouse retina and retinal pigment epithelium through the pupil of the eye. <i>Nature Medicine</i> , 2014, 20, 785-789.	15.2	108
2	Restoration of visual function in adult mice with an inherited retinal disease via adenine base editing. <i>Nature Biomedical Engineering</i> , 2021, 5, 169-178.	11.6	90
3	Two-photon microscopy reveals early rod photoreceptor cell damage in light-exposed mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1428-37.	3.3	57
4	In vivo base editing rescues cone photoreceptors in a mouse model of early-onset inherited retinal degeneration. <i>Nature Communications</i> , 2022, 13, 1830.	5.8	42
5	Insights into the pathogenesis of dominant retinitis pigmentosa associated with a D477G mutation in RPE65. <i>Human Molecular Genetics</i> , 2018, 27, 2225-2243.	1.4	26
6	Noninvasive two-photon optical biopsy of retinal fluorophores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22532-22543.	3.3	25
7	Two-photon imaging of the mammalian retina with ultrafast pulsing laser. <i>JCI Insight</i> , 2018, 3, .	2.3	24
8	Nano-scale resolution of native retinal rod disk membranes reveals differences in lipid composition. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	23
9	MicroRNA-processing Enzymes Are Essential for Survival and Function of Mature Retinal Pigmented Epithelial Cells in Mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 3366-3378.	1.6	22
10	A Combination of G Protein-Coupled Receptor Modulators Protects Photoreceptors from Degeneration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 207-220.	1.3	20
11	Expansion of First-in-Class Drug Candidates That Sequester Toxic All- <i>Trans</i> -Retinal and Prevent Light-Induced Retinal Degeneration. <i>Molecular Pharmacology</i> , 2015, 87, 477-491.	1.0	19
12	Serum levels of lipid metabolites in age-related macular degeneration. <i>FASEB Journal</i> , 2015, 29, 4579-4588.	0.2	19
13	Receptor MER Tyrosine Kinase Proto-oncogene (MERTK) Is Not Required for Transfer of Bis-retinoids to the Retinal Pigmented Epithelium. <i>Journal of Biological Chemistry</i> , 2016, 291, 26937-26949.	1.6	17
14	Protective Effect of a Locked Retinal Chromophore Analog against Light-Induced Retinal Degeneration. <i>Molecular Pharmacology</i> , 2018, 94, 1132-1144.	1.0	15
15	Inhibition of ceramide accumulation in AdipoR1 mice increases photoreceptor survival and improves vision. <i>JCI Insight</i> , 2022, 7, .	2.3	12
16	An inducible Cre mouse for studying roles of the RPE in retinal physiology and disease. <i>JCI Insight</i> , 2021, 6, .	2.3	10
17	Peptide Derivatives of Retinylamine Prevent Retinal Degeneration with Minimal Side Effects on Vision in Mice. <i>Bioconjugate Chemistry</i> , 2021, 32, 572-583.	1.8	4