Zhiqian Dong

List of Publications by Year
in descending order

17	539	686830 13	839053 18
papers	citations	h-index	g-index

19	19	19	769
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of ceramide accumulation in AdipoR1â€“/â€“ mice increases photoreceptor survival and improves vision. JCI Insight, 2022, 7, .	2.3	12
2	In vivo base editing rescues cone photoreceptors in a mouse model of early-onset inherited retinal degeneration. Nature Communications, 2022, 13, 1830.	5.8	42
3	Restoration of visual function in adult mice with an inherited retinal disease via adenine base editing. Nature Biomedical Engineering, 2021, 5, 169-178.	11.6	90
4	An inducible Cre mouse for studying roles of the RPE in retinal physiology and disease. JCI Insight, 2021, 6, .	2.3	10
5	Peptide Derivatives of Retinylamine Prevent Retinal Degeneration with Minimal Side Effects on Vision in Mice. Bioconjugate Chemistry, 2021, 32, 572-583.	1.8	4
6	Nano-scale resolution of native retinal rod disk membranes reveals differences in lipid composition. Journal of Cell Biology, 2021, 220, .	2.3	23
7	Noninvasive two-photon optical biopsy of retinal fluorophores. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22532-22543.	3.3	25
8	Insights into the pathogenesis of dominant retinitis pigmentosa associated with a D477G mutation in RPE65. Human Molecular Genetics, 2018, 27, 2225-2243.	1.4	26
9	Protective Effect of a Locked Retinal Chromophore Analog against Light-Induced Retinal Degeneration. Molecular Pharmacology, 2018, 94, 1132-1144.	1.0	15
10	A Combination of G Proteinâ€“Coupled Receptor Modulators Protects Photoreceptors from Degeneration. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 207-220.	1.3	20
11	Two-photon imaging of the mammalian retina with ultrafast pulsing laser. JCI Insight, 2018, 3, .	2.3	24
12	MicroRNA-processing Enzymes Are Essential for Survival and Function of Mature Retinal Pigmented Epithelial Cells in Mice. Journal of Biological Chemistry, 2017, 292, 3366-3378.	1.6	22
13	Receptor MER Tyrosine Kinase Proto-oncogene (MERTK) Is Not Required for Transfer of Bis-retinoids to the Retinal Pigmented Epithelium. Journal of Biological Chemistry, 2016, 291, 26937-26949.	1.6	17
14	Expansion of First-in-Class Drug Candidates That Sequester Toxic All-Trans-Retinal and Prevent Light-Induced Retinal Degeneration. Molecular Pharmacology, 2015, 87, 477-491.	1.0	19
15	Serum levels of lipid metabolites in ageâ€related macular degeneration. FASEB Journal, 2015, 29, 4579-4588.	0.2	19
16	Two-photon microscopy reveals early rod photoreceptor cell damage in light-exposed mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1428-37.	3.3	57
17	Noninvasive two-photon microscopy imaging of mouse retina and retinal pigment epithelium through the pupil of the eye. Nature Medicine, 2014, 20, 785-789.	15.2	108