

Kiyoharu Miyagishima

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

250
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow of energy in the outer retina in darkness and in light. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8599-8604.	7.1	97
2	Optimal processing of photoreceptor signals is required to maximize behavioural sensitivity. Journal of Physiology, 2010, 588, 1947-1960.	2.9	37
3	Epithelial phenotype restoring drugs suppress macular degeneration phenotypes in an iPSC model. Nature Communications, 2021, 12, 7293.	12.8	32
4	Voltage-sensitive conductances increase the sensitivity of rod photoresponses following pigment bleaching. Journal of Physiology, 2017, 595, 3459-3469.	2.9	27
5	Functional Comparison of Rod and Cone G \pm t on the Regulation of Light Sensitivity*. Journal of Biological Chemistry, 2013, 288, 5257-5267.	3.4	20
6	AMPK modulation ameliorates dominant disease phenotypes of CTRP5 variant in retinal degeneration. Communications Biology, 2021, 4, 1360.	4.4	19
7	Metabolic constraints on the recovery of sensitivity after visual pigment bleaching in retinal rods. Journal of General Physiology, 2009, 134, 165-175.	1.9	11
8	Establishing the ground squirrel as a superb model for retinal ganglion cell disorders and optic neuropathies. Laboratory Investigation, 2021, 101, 1289-1303.	3.7	7