Michael Do

List of Publications by Year
in descending order

22	2,631	567281 15	794594 19
papers	citations	h-index	g-index

23	23	23	3131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Classification and Comparative Taxonomics of Foveal and Peripheral Cells in Primate Retina. Cell, 2019, 176, 1222-1237.e22.	28.9	347
2	Intrinsically Photosensitive Retinal Ganglion Cells. Physiological Reviews, 2010, 90, 1547-1581.	28.8	343
3	The Syk tyrosine kinase suppresses malignant growth of human breast cancer cells. Nature, 2000, 406, 742-747.	27.8	293
4	Photon capture and signalling by melanopsin retinal ganglion cells. Nature, 2009, 457, 281-287.	27.8	251
5	Subthreshold Sodium Currents and Pacemaking of Subthalamic Neurons. Neuron, 2003, 39, 109-120.	8.1	237
6	Melanopsin signalling in mammalian iris and retina. Nature, 2011, 479, 67-73.	27.8	234
7	Melanopsin-Positive Intrinsically Photosensitive Retinal Ganglion Cells: From Form to Function. Journal of Neuroscience, 2011, 31, 16094-16101.	3.6	219
8	Melanopsin and the Intrinsically Photosensitive Retinal Ganglion Cells: Biophysics to Behavior. Neuron, 2019, 104, 205-226.	8.1	162
9	Melanopsin Tristability for Sustained and Broadband Phototransduction. Neuron, 2015, 85, 1043-1055.	8.1	105
10	Non-image-forming ocular photoreception in vertebrates. Current Opinion in Neurobiology, 2005, 15, 415-422.	4.2	97
11	Tracer coupling of intrinsically photosensitive retinal ganglion cells to amacrine cells in the mouse retina. Journal of Comparative Neurology, 2010, 518, 4813-4824.	1.6	75
12	A Population Representation of Absolute Light Intensity in the Mammalian Retina. Cell, 2017, 171, 865-876.e16.	28.9	75
13	Sodium Currents in Subthalamic Nucleus Neurons From Nav1.6-Null Mice. Journal of Neurophysiology, 2004, 92, 726-733.	1.8	73
14	Adaptation to steady light by intrinsically photosensitive retinal ganglion cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7470-7475.	7.1	52
15	Biophysical Variation within the M1 Type of Ganglion Cell Photoreceptor. Cell Reports, 2017, 21, 1048-1062.	6.4	46
16	Optimized Signal Flow through Photoreceptors Supports the High-Acuity Vision of Primates. Neuron, 2020, 108, 335-348.e7.	8.1	10
17	Satb1 expression in retinal ganglion cells of marmosets, macaques, and humans. Journal of Comparative Neurology, 2022, 530, 923-940.	1.6	7
18	Retinal ganglion cells expressing CaM kinase II in human and nonhuman primates. Journal of Comparative Neurology, 2022, 530, 1470-1493.	1.6	2

#	Article	IF	Citations
19	Mixed Palettes of Melanopsin Phototransduction. Cell, 2018, 175, 637-639.	28.9	1
20	Melanopsin Signalling: Low Pigment Density, Large Single-Photon Response, and High-Efficiency Transmission. Biophysical Journal, 2009, 96, 200a.	0.5	0
21	The outer and inner halves of photoreceptor adaptation. Journal of Physiology, 2017, 595, 3247-3248.	2.9	0
22	Individual variations of visual information. Neuron, 2022, 110, 564-565.	8.1	0