

# Michael Do

## List of Publications by Year in descending order

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22  
papers

2,631  
citations

567281

15  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Satb1 expression in retinal ganglion cells of marmosets, macaques, and humans. <i>Journal of Comparative Neurology</i> , 2022, 530, 923-940.	1.6	7
2	Retinal ganglion cells expressing CaM kinase II in human and nonhuman primates. <i>Journal of Comparative Neurology</i> , 2022, 530, 1470-1493.	1.6	2
3	Individual variations of visual information. <i>Neuron</i> , 2022, 110, 564-565.	8.1	0
4	Optimized Signal Flow through Photoreceptors Supports the High-Acuity Vision of Primates. <i>Neuron</i> , 2020, 108, 335-348.e7.	8.1	10
5	Melanopsin and the Intrinsically Photosensitive Retinal Ganglion Cells: Biophysics to Behavior. <i>Neuron</i> , 2019, 104, 205-226.	8.1	162
6	Molecular Classification and Comparative Taxonomics of Foveal and Peripheral Cells in Primate Retina. <i>Cell</i> , 2019, 176, 1222-1237.e22.	28.9	347
7	Mixed Palettes of Melanopsin Phototransduction. <i>Cell</i> , 2018, 175, 637-639.	28.9	1
8	The outer and inner halves of photoreceptor adaptation. <i>Journal of Physiology</i> , 2017, 595, 3247-3248.	2.9	0
9	A Population Representation of Absolute Light Intensity in the Mammalian Retina. <i>Cell</i> , 2017, 171, 865-876.e16.	28.9	75
10	Biophysical Variation within the M1 Type of Ganglion Cell Photoreceptor. <i>Cell Reports</i> , 2017, 21, 1048-1062.	6.4	46
11	Melanopsin Tristability for Sustained and Broadband Phototransduction. <i>Neuron</i> , 2015, 85, 1043-1055.	8.1	105
12	Adaptation to steady light by intrinsically photosensitive retinal ganglion cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7470-7475.	7.1	52
13	Melanopsin signalling in mammalian iris and retina. <i>Nature</i> , 2011, 479, 67-73.	27.8	234
14	Melanopsin-Positive Intrinsically Photosensitive Retinal Ganglion Cells: From Form to Function. <i>Journal of Neuroscience</i> , 2011, 31, 16094-16101.	3.6	219
15	Tracer coupling of intrinsically photosensitive retinal ganglion cells to amacrine cells in the mouse retina. <i>Journal of Comparative Neurology</i> , 2010, 518, 4813-4824.	1.6	75
16	Intrinsically Photosensitive Retinal Ganglion Cells. <i>Physiological Reviews</i> , 2010, 90, 1547-1581.	28.8	343
17	Photon capture and signalling by melanopsin retinal ganglion cells. <i>Nature</i> , 2009, 457, 281-287.	27.8	251
18	Melanopsin Signalling: Low Pigment Density, Large Single-Photon Response, and High-Efficiency Transmission. <i>Biophysical Journal</i> , 2009, 96, 200a.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Non-image-forming ocular photoreception in vertebrates. <i>Current Opinion in Neurobiology</i> , 2005, 15, 415-422.	4.2	97
20	Sodium Currents in Subthalamic Nucleus Neurons From Nav1.6-Null Mice. <i>Journal of Neurophysiology</i> , 2004, 92, 726-733.	1.8	73
21	Subthreshold Sodium Currents and Pacemaking of Subthalamic Neurons. <i>Neuron</i> , 2003, 39, 109-120.	8.1	237
22	The Syk tyrosine kinase suppresses malignant growth of human breast cancer cells. <i>Nature</i> , 2000, 406, 742-747.	27.8	293