Thomas A MÃ¼nch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6646909/publications.pdf

Version: 2024-02-01

27	2,148	623734	677142
papers	citations	14 h-index	22 g-index

33	33	33	2232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Suppression without inhibition: how retinal computation contributes to saccadic suppression. Communications Biology, 2022, 5, .	4.4	3
2	Visual properties of human retinal ganglion cells. PLoS ONE, 2021, 16, e0246952.	2.5	21
3	Dependence of perceptual saccadic suppression on peri-saccadic image flow properties and luminance contrast polarity. Journal of Vision, 2021, 21, 15.	0.3	7
4	Perceptual saccadic suppression starts in the retina. Nature Communications, 2020, 11, 1977.	12.8	53
5	The contrast sensitivity function of a small cryptobenthic marine fish. Journal of Vision, 2019, 19, 1.	0.3	10
6	Selective peri-saccadic suppression of low spatial frequencies is a visual phenomenon. Journal of Vision, 2019, 19, 253.	0.3	0
7	Alteration of the microsaccadic velocity-amplitude main sequence relationship after visual transients: implications for models of saccade control. Journal of Neurophysiology, 2017, 117, 1894-1910.	1.8	43
8	Optogenetik als mÃ¶gliche Therapie bei degenerativen Netzhauterkrankungen. Medizinische Genetik, 2017, 29, 239-247.	0.2	1
9	Rods progressively escape saturation to drive visual responses in daylight conditions. Nature Communications, 2017, 8, 1813.	12.8	99
10	Hypothermia Promotes Survival of Ischemic Retinal Ganglion Cells. , 2016, 57, 658.		19
11	Effects of the jimpy mutation on mouse retinal structure and function. Journal of Comparative Neurology, 2015, 523, 2788-2806.	1.6	4
12	Influence ofOpa1Mutation on Survival and Function of Retinal Ganglion Cells. , 2015, 56, 4835.		19
13	Retinal output changes qualitatively with every change in ambient illuminance. Nature Neuroscience, 2015, 18, 66-74.	14.8	112
14	Characterization of a Mouse Model With Complete RPE Loss and Its Use for RPE Cell Transplantation. , 2014, 55, 5431.		54
15	Salvaging Ruins: Reverting Blind Retinas into Functional Visual Sensors. Methods in Molecular Biology, 2014, 1148, 149-160.	0.9	7
16	Step-By-Step Instructions for Retina Recordings with Perforated Multi Electrode Arrays. PLoS ONE, 2014, 9, e106148.	2.5	54
17	Visual Behavior: Mice Run from Overhead Danger. Current Biology, 2013, 23, R925-R927.	3.9	3
18	Characterizing visual performance in mice: An objective and automated system based on the optokinetic reflex.. Behavioral Neuroscience, 2013, 127, 788-796.	1.2	44

#	Article	IF	Citations
19	Strategies for Expanding the Operational Range of Channelrhodopsin in Optogenetic Vision. PLoS ONE, 2013, 8, e81278.	2.5	4
20	Relevance of Exocytotic Glutamate Release from Retinal Glia. Neuron, 2012, 74, 504-516.	8.1	69
21	Neuropeptides regulate swimming depth of Platynereis larvae. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1174-83.	7.1	109
22	Approach sensitivity in the retina processed by a multifunctional neural circuit. Nature Neuroscience, 2009, 12, 1308-1316.	14.8	290
23	Light-activated channels targeted to ON bipolar cells restore visual function in retinal degeneration. Nature Neuroscience, 2008, 11, 667-675.	14.8	522
24	Symmetric Interactions Within a Homogeneous Starburst Cell Network Can Lead to Robust Asymmetries in Dendrites of Starburst Amacrine Cells. Journal of Neurophysiology, 2006, 96, 471-477.	1.8	40
25	Directional Selectivity Is Formed at Multiple Levels by Laterally Offset Inhibition in the Rabbit Retina. Neuron, 2005, 46, 117-127.	8.1	126
26	The retina of Manduca sexta: rhodopsin expression, the mosaic of green-, blue- and UV-sensitive photoreceptors, and regional specialization. Journal of Experimental Biology, 2003, 206, 3337-3348.	1.7	92
27	Mechanisms and circuitry underlying directional selectivity in the retina. Nature, 2002, 420, 411-414.	27.8	338