

Melanie J Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

233
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-seq and GSEA identifies suppression of ligand-gated chloride efflux channels as the major gene pathway contributing to form deprivation myopia. <i>Scientific Reports</i> , 2021, 11, 5280.	3.3	14
2	Electroretinography and Gene Expression Measures Implicate Phototransduction and Metabolic Shifts in Chick Myopia and Hyperopia Models. <i>Life</i> , 2021, 11, 501.	2.4	2
3	Long-Wavelength-Filtered Light Transiently Inhibits Negative Lens-Induced Axial Eye Growth in the Chick Myopia Model. <i>Translational Vision Science and Technology</i> , 2021, 10, 38.	2.2	4
4	The Age-Related Changes in Speed of Visual Perception, Visual Verbal and Visuomotor Performance, and Nonverbal Intelligence During Early School Years. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 667612.	2.0	4
5	Action video game training improves text reading accuracy, rate and comprehension in children with dyslexia: a randomized controlled trial. <i>Scientific Reports</i> , 2021, 11, 18584.	3.3	22
6	The contribution of visual processing speed to visual and auditory working memory in early school years.. <i>Psychology and Neuroscience</i> , 2021, 14, 454-467.	0.8	3
7	Temporal whole field sawtooth flicker without a spatial component elicits a myopic shift following optical defocus irrespective of waveform direction in chicks. <i>PeerJ</i> , 2019, 7, e6277.	2.0	2
8	Platelets Drive Inflammation and Target Gray Matter and the Retina in Autoimmune-Mediated Encephalomyelitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 567-576.	1.7	24
9	Pathway analysis identifies altered mitochondrial metabolism, neurotransmission, structural pathways and complement cascade in retina/RPE/ choroid in chick model of form-deprivation myopia. <i>PeerJ</i> , 2018, 6, e5048.	2.0	23
10	The retina/RPE proteome in chick myopia and hyperopia models: Commonalities with inherited and age-related ocular pathologies. <i>Molecular Vision</i> , 2017, 23, 872-888.	1.1	12
11	Ouabain inhibition of Na/K-ATPase across the retina prevents signed refractive compensation to lens-induced defocus, but not default ocular growth in young chicks. <i>F1000Research</i> , 2013, 2, 97.	1.6	7
12	Light modulation, not choroidal vasomotor action, is a regulator of refractive compensation to signed optical blur. <i>British Journal of Pharmacology</i> , 2011, 164, 1614-1626.	5.4	3
13	Spatial and temporal dissociation of AQP4 and Kir4.1 expression during induction of refractive errors. <i>Molecular Vision</i> , 2010, 16, 1610-9.	1.1	11
14	When /b/ill with /g/ill becomes /d/ill: Evidence for a lexical effect in audiovisual speech perception. <i>European Journal of Cognitive Psychology</i> , 2008, 20, 1-11.	1.3	27
15	Potassium Channel and NKCC Cotransporter Involvement in Ocular Refractive Control Mechanisms. <i>PLoS ONE</i> , 2008, 3, e2839.	2.5	22
16	A role for aquaporin-4 during induction of form deprivation myopia in chick. <i>Molecular Vision</i> , 2008, 14, 298-307.	1.1	14
17	Low frequency temporal modulation of light promotes a myopic shift in refractive compensation to all spectacle lenses. <i>Experimental Eye Research</i> , 2006, 83, 322-328.	2.6	39