

Pablo A Barrionuevo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

351
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1306789

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1058022

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21
all docs

21
docs citations

21
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical stimulation systems for studying human vision. <i>Progress in Brain Research</i> , 2022, , 13-36.	0.9	6
2	Intraocular Light Scatter in Eyes With the Boston Type 1 Keratoprosthesis. <i>Cornea</i> , 2019, 38, 50-53.	0.9	4
3	Non-linearities in the Rod and Cone Photoreceptor Inputs to the Afferent Pupil Light Response. <i>Frontiers in Neurology</i> , 2018, 9, 1140.	1.1	15
4	Assessment of #TheDress With Traditional Color Vision Tests: Perception Differences Are Associated With Blueness. <i>I-Perception</i> , 2018, 9, 204166951876419.	0.8	5
5	Effect of eccentricity and light level on the timing of light adaptation mechanisms. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2018, 35, B144.	0.8	4
6	Effect of background melanopsin activation levels on contrast sensitivity mediated by postreceptoral pathways. <i>Journal of Vision</i> , 2018, 18, 880.	0.1	0
7	Luminance and chromatic signals interact differently with melanopsin activation to control the pupil light response. <i>Journal of Vision</i> , 2016, 16, 29.	0.1	51
8	Influence of background size, luminance and eccentricity on different adaptation mechanisms. <i>Vision Research</i> , 2016, 125, 12-22.	0.7	13
9	The importance of intrinsically photosensitive retinal ganglion cells and implications for lighting design. <i>Journal of Solid State Lighting</i> , 2015, 2, .	2.3	8
10	50.1: <i>Invited Paper</i>: The Importance of Melanopsin Activation in Perception, Health, and Lighting Design. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 750-753.	0.1	1
11	Estimating photoreceptor excitations from spectral outputs of a personal light exposure measurement device. <i>Chronobiology International</i> , 2015, 32, 270-280.	0.9	14
12	A five-primary photostimulator suitable for studying intrinsically photosensitive retinal ganglion cell functions in humans. <i>Journal of Vision</i> , 2015, 15, 27-27.	0.1	82
13	Assessing Rod, Cone, and Melanopsin Contributions to Human Pupil Flicker Responses. , 2014, 55, 719.		99
14	Contributions of rhodopsin, cone opsins, and melanopsin to postreceptoral pathways inferred from natural image statistics. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, A131.	0.8	24
15	Retinal mesopic adaptation model for brightness perception under transient glare. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2013, 30, 1236.	0.8	5
16	Veiling luminance as a descriptor of brightness reduction caused by transient glare. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 2230.	0.8	5
17	Comparison between an objective and a psychophysical method for the evaluation of intraocular light scattering. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 1293.	0.8	15
18	The role of adaptation mechanisms at the mesopic range to achieve lightness constancy under glare conditions. <i>Journal of Vision</i> , 2010, 10, 391-391.	0.1	0