

# Pablo A Barrionuevo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7805546/publications.pdf>

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18  
papers

351  
citations

1306789

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1058022

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docs citations

21  
times ranked

248  
citing authors

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