

Sebastian Babilon

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

48
citations

4
h-index

5
g-index

23
ext. papers

65
ext. citations

2
avg, IF

2.56
L-index

#	Paper	IF	Citations
18	Color appearance rating of familiar real objects under immersive viewing conditions. <i>Color Research and Application</i> , 2018 , 43, 551-568	1.3	8
17	Observer preference for perceived illumination chromaticity. <i>Color Research and Application</i> , 2018 , 43, 506-516	1.3	8
16	Long-term memory color investigation: culture effect and experimental setting factors. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2017 , 34, 1757-1768	1.8	7
15	Task-related Luminance Distributions for Office Lighting Scenarios 2021 , 115-128		5
14	A field test of a simplified method of estimating circadian stimulus. <i>Lighting Research and Technology</i> , 147715352110446	2	3
13	Measurement of Circadian Effectiveness in Lighting for Office Applications. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6936	2.6	3
12	Spectral reflectance estimation of organic tissue for improved color correction of video-assisted surgery. <i>Journal of Electronic Imaging</i> , 2018 , 27, 1	0.7	2
11	Impact of the adapted white point and the cultural background on memory color assessments. <i>Color Research and Application</i> , 2020 , 45, 803-824	1.3	2
10	Tackling Heterogeneous Color Registration: Binning Color Sensors. <i>Sensors</i> , 2021 , 21,	3.8	2
9	Combined Methodology for Accurate Evaluation of Distance and Direction of Chromaticity Shifts in LED Reliability Tests. <i>IEEE Transactions on Device and Materials Reliability</i> , 2021 , 1-1	1.6	2
8	Processing RGB Color Sensors for Measuring the Circadian Stimulus of Artificial and Daylight Light Sources. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1132	2.6	1
7	Determination of Speed-Dependent Roadway Luminance for an Adequate Feeling of Safety at Nighttime Driving. <i>Vehicles</i> , 2021 , 3, 821-839	1.5	1
6	The Sternberg Paradigm: Correcting Encoding Latencies in Visual and Auditory Test Designs. <i>Vision (Switzerland)</i> , 2021 , 5,	2.3	1
5	Unsupervised Clustering Pipeline to Obtain Diversified Light Spectra for Subject Studies and Correlation Analyses. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9062	2.6	1
4	Memory colors and the assessment of color quality in lighting applications. <i>Optics Express</i> , 2021 , 29, 28968-28983		0
3	Energy Efficient Lighting in Plant Factories: Addressing Utilance. <i>Agronomy</i> , 2021 , 11, 2570	3.6	0
2	High-resolution depth measurements in digital microscopic surgery. <i>Engineering Reports</i> , 2021 , 3, e12311.2		

- 1 Study protocol for measuring the impact of (quasi-)monochromatic light on post-awakening cortisol secretion under controlled laboratory conditions.. *PLoS ONE*, **2022**, 17, e0267659 3·7