

# Sebastian Babilon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1438080/publications.pdf>

Version: 2024-02-01

21  
papers

101  
citations

1478280

6  
h-index

1474057

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Color appearance rating of familiar real objects under immersive viewing conditions. <i>Color Research and Application</i> , 2018, 43, 551-568.	0.8	13
2	Observer preference for perceived illumination chromaticity. <i>Color Research and Application</i> , 2018, 43, 506-516.	0.8	12
3	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.	0.8	12
4	Measurement of Circadian Effectiveness in Lighting for Office Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6936.	1.3	10
5	Task-related Luminance Distributions for Office Lighting Scenarios. <i>Light &amp; Engineering</i> , 2021, , 115-128.	0.1	7
6	A field test of a simplified method of estimating circadian stimulus. <i>Lighting Research and Technology</i> , 2022, 54, 459-473.	1.2	7
7	Energy Efficient Lighting in Plant Factories: Addressing Utilance. <i>Agronomy</i> , 2021, 11, 2570.	1.3	7
8	The Sternberg Paradigm: Correcting Encoding Latencies in Visual and Auditory Test Designs. <i>Vision (Switzerland)</i> , 2021, 5, 21.	0.5	5
9	Tackling Heterogeneous Color Registration: Binning Color Sensors. <i>Sensors</i> , 2021, 21, 2950.	2.1	4
10	Determination of Speed-Dependent Roadway Luminance for an Adequate Feeling of Safety at Nighttime Driving. <i>Vehicles</i> , 2021, 3, 821-839.	1.7	4
11	Processing RGB Color Sensors for Measuring the Circadian Stimulus of Artificial and Daylight Light Sources. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1132.	1.3	4
12	Impact of the adapted white point and the cultural background on memory color assessments. <i>Color Research and Application</i> , 2020, 45, 803-824.	0.8	3
13	Unsupervised Clustering Pipeline to Obtain Diversified Light Spectra for Subject Studies and Correlation Analyses. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9062.	1.3	3
14	Memory colors and the assessment of color quality in lighting applications. <i>Optics Express</i> , 2021, 29, 28968.	1.7	2
15	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, 21, 500-507.	1.5	2
16	Spectral reflectance estimation of organic tissue for improved color correction of video-assisted surgery. <i>Journal of Electronic Imaging</i> , 2018, 27, 1.	0.5	2
17	A NEW METRIC FOR MEMORY COLOUR PREFERENCE EVALUATION IN LIGHTING APPLICATIONS - EXPERIMENTS, MATHEMATICAL DEFINITION, AND COMPARISON WITH OTHER COLOUR RENDERING INDICES. , 2019, , .		1
18	Towards a comprehensive lighting-quality model: validation of brightness, visual clarity, and color preference formulae applicability in two realistic mock-up scenarios. <i>OSA Continuum</i> , 2021, 4, 3139.	1.8	1

#	ARTICLE	IF	CITATIONS
19	The Effectiveness of Colour Appearance Attributes for Enhancing Image Preference and Naturalness. Color and Imaging Conference, 2016, 2016, 231-236.	0.1	1
20	Study protocol for measuring the impact of (quasi-)monochromatic light on post-awakening cortisol secretion under controlled laboratory conditions. PLoS ONE, 2022, 17, e0267659.	1.1	1
21	High-resolution depth measurements in digital microscopic surgery. Engineering Reports, 2021, 3, e12311.	0.9	0