

Peter Blattner

List of Publications by Year in Descending Order

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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.

13 papers	410 citations	6 h-index	19 g-index
19 ext. papers	496 ext. citations	2.1 avg, IF	3 L-index

#	Paper	IF	Citations
13	How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. <i>Clocks & Sleep</i> , 2019 , 1, 280-289	2.9	49
12	Development of white LED illuminants for colorimetry and recommendation of white LED reference spectrum for photometry. <i>Metrologia</i> , 2018 , 55, 526-534	2.1	11
11	Improving the understandability of the next edition of the International System of Units (SI) by focusing on its conceptual structure. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 101, 200-205	4.6	4
10	Final report on the EURAMET.PR-K1.a-2009 comparison of spectral irradiance 250 nm-500 nm. <i>Metrologia</i> , 2015 , 52, 02003-02003	2.1	2
9	Final report on EUROMET PR-K2.b: Comparison on spectral responsivity (300 nm to 1000 nm). <i>Metrologia</i> , 2013 , 50, 02002-02002	2.1	
8	Uncertainty analysis of photometer directional response index using Monte Carlo simulation. <i>Metrologia</i> , 2012 , 49, 727-736	2.1	5
7	Non-visual effects of light on melatonin, alertness and cognitive performance: can blue-enriched light keep us alert?. <i>PLoS ONE</i> , 2011 , 6, e16429	3.7	271
6	The PREMOS/PICARD instrument calibration. <i>Metrologia</i> , 2009 , 46, S202-S206	2.1	30
5	Intrinsic Wavelength Standard Absorption Bands in Holmium Oxide Solution for UV/visible Molecular Absorption Spectrophotometry. <i>Journal of Physical and Chemical Reference Data</i> , 2005 , 34, 41-56	4.3	18
4	Phase singularities generated by optical microstructures: theory and experimental results 2001 , 4403, 257		5
3	Unconventional treatment of focal shift. <i>Optics Communications</i> , 1998 , 157, 218-224	2	9
2	Design, fabrication, and testing of micro-optical components for sensors and microsystems 1997 ,		3
1	Interferometric fabrication of modulated submicrometer gratings in photoresist. <i>Applied Optics</i> , 1995 , 34, 2540-7	1.7	2