

# Peter Blattner

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7506933/peter-blattner-publications-by-citations.pdf>  
**Version:** 2024-04-09

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