

# Babak Zandi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4450399/babak-zandi-publications-by-year.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.

11 papers	55 citations	5 h-index	6 g-index
11 ext. papers	90 ext. citations	4.4 avg, IF	3.26 L-index

#	Paper	IF	Citations
11	Optimising metameric spectra for integrative lighting to modulate the circadian system without affecting visual appearance. <i>Scientific Reports</i> , <b>2021</b> , 11, 23188	4.9	5
10	Quantifying observer metamerism of LED spectra which chromatically mimic natural daylight. <i>Optics Express</i> , <b>2021</b> , 29, 38168-38184	3.3	0
9	The Sternberg Paradigm: Correcting Encoding Latencies in Visual and Auditory Test Designs. <i>Vision (Switzerland)</i> , <b>2021</b> , 5,	2.3	1
8	PupilEXT: Flexible Open-Source Platform for High-Resolution Pupillometry in Vision Research. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 676220	5.1	3
7	Melanopic Limits of Metamer Spectral Optimisation in Multi-Channel Smart Lighting Systems. <i>Energies</i> , <b>2021</b> , 14, 527	3.1	8
6	Deep learning-based pupil model predicts time and spectral dependent light responses. <i>Scientific Reports</i> , <b>2021</b> , 11, 841	4.9	7
5	Prediction accuracy of L- and M-cone based human pupil light models. <i>Scientific Reports</i> , <b>2020</b> , 10, 109884.9	4.9	7
4	International study on the importance of communication between automated vehicles and pedestrians. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2020</b> , 74, 52-66	4.5	5
3	Circadian metric [Computation of circadian stimulus using illuminance, correlated colour temperature and colour rendering index. <i>Building and Environment</i> , <b>2020</b> , 184, 107146	6.5	9
2	Displaying the Driving State of Automated Vehicles to Other Road Users: An International, Virtual Reality-Based Study as a First Step for the Harmonized Regulations of Novel Signaling Devices. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-15	6.1	7
1	EXPERIMENTAL EVALUATION OF DIFFERENT BRIGHTNESS PERCEPTION MODELS BASED ON HUMAN PUPIL LIGHT RESPONSES <b>2018</b> ,		3