# Babak Zandi

## List of Publications by Citations



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|---|---|---|---|
| 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 | Circadian metric Computation of circadian stimulus using illuminance, correlated colour temperature and colour rendering index. *Building and Environment*, **2020**, 184, 107146 | 6.5 | 9 |
| 10 | Melanopic Limits of Metamer Spectral Optimisation in Multi-Channel Smart Lighting Systems. *Energies*, **2021**, 14, 527 | 3.1 | 8 |
| 9 | Prediction accuracy of L- and M-cone based human pupil light models. *Scientific Reports*, **2020**, 10, 10988 | 4.9 | 7 |
| 8 | 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. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-15 | 6.1 | 7 |
| 7 | Deep learning-based pupil model predicts time and spectral dependent light responses. *Scientific Reports*, **2021**, 11, 841 | 4.9 | 7 |
| 6 | Optimising metameric spectra for integrative lighting to modulate the circadian system without affecting visual appearance. *Scientific Reports*, **2021**, 11, 23188 | 4.9 | 5 |
| 5 | International study on the importance of communication between automated vehicles and pedestrians. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2020**, 74, 52-66 | 4.5 | 5 |
| 4 | EXPERIMENTAL EVALUATION OF DIFFERENT BRIGHTNESS PERCEPTION MODELS BASED ON HUMAN PUPIL LIGHT RESPONSES **2018**, | | 3 |
| 3 | PupilEXT: Flexible Open-Source Platform for High-Resolution Pupillometry in Vision Research. *Frontiers in Neuroscience*, **2021**, 15, 676220 | 5.1 | 3 |
| 2 | The Sternberg Paradigm: Correcting Encoding Latencies in Visual and Auditory Test Designs. *Vision (Switzerland)*, **2021**, 5, | 2.3 | 1 |
| 1 | Quantifying observer metamerism of LED spectra which chromatically mimic natural daylight. *Optics Express*, **2021**, 29, 38168-38184 | 3.3 | 0 |