

Dorukalp Durmus

List of Publications by Citations

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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.

18
papers

141
citations

8
h-index

11
g-index

24
ext. papers

211
ext. citations

2.7
avg, IF

4.15
L-index

#	Paper	IF	Citations
18	Optimising light source spectrum for object reflectance. <i>Optics Express</i> , 2015 , 23, A456-64	3.3	21
17	Object color naturalness and attractiveness with spectrally optimized illumination. <i>Optics Express</i> , 2017 , 25, 12839-12850	3.3	16
16	Spectral Optimization to Minimize Light Absorbed by Artwork. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2020 , 16, 45-54	3.5	16
15	CIELAB color space boundaries under theoretical spectra and 99 test color samples. <i>Color Research and Application</i> , 2020 , 45, 796-802	1.3	13
14	Energy optimization of a light projection system for buildings that virtually restores artworks. <i>Digital Applications in Archaeology and Cultural Heritage</i> , 2020 , 16, e00128	2.1	12
13	Multi-channel low-cost light spectrum measurement using a multilayer perceptron. <i>Energy and Buildings</i> , 2019 , 199, 579-587	7	11
12	Blur perception and visual clarity in light projection systems. <i>Optics Express</i> , 2019 , 27, A216-A223	3.3	9
11	Appearance of Achromatic Colors Under Optimized Light Source Spectrum. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-11	1.8	9
10	Spatial Frequency and the Performance of Image-Based Visual Complexity Metrics. <i>IEEE Access</i> , 2020 , 8, 100111-100119	3.5	6
9	Real-Time Sensing and Control of Integrative Horticultural Lighting Systems. <i>J</i> , 2020 , 3, 266-274	1.9	6
8	Correlated color temperature: Use and limitations. <i>Lighting Research and Technology</i> , 147715352110343 2		6
7	Absorption-Minimizing Spectral Power Distributions 2015 ,		4
6	A low-cost IoT multi-spectral acquisition device.. <i>HardwareX</i> , 2021 , 9, e00173	2.7	4
5	Impact of Surface Reflectance on Spectral Optimization for Melanopic Illuminance and Energy Efficiency 2019 ,		2
4	Recommended methods for conducting human factors experiments on the subjective evaluation of colour rendition. <i>Lighting Research and Technology</i> , 147715352110198	2	2
3	Optimising Light Source Spectrum For Object Reflectance 2014 ,		1
2	The Effect of Electric Bridge Lighting at Night on Mayfly Activity. <i>Energies</i> , 2021 , 14, 2934	3.1	1

- 1 Characterizing Color Quality, Damage to Artwork, and Light Intensity of Multi-Primary LEDs for Museums. *Heritage*, **2021**, 4, 188-197 1.6 ○