

# Dorukalp Durmus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2302990/publications.pdf>

Version: 2024-02-01

22  
papers

278  
citations

1039406

9  
h-index

996533

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlated color temperature: Use and limitations. <i>Lighting Research and Technology</i> , 2022, 54, 363-375.	1.2	47
2	Optimising light source spectrum for object reflectance. <i>Optics Express</i> , 2015, 23, A456.	1.7	30
3	<scp>CIELAB</scp> color space boundaries under theoretical spectra and 99 test color samples. <i>Color Research and Application</i> , 2020, 45, 796-802.	0.8	26
4	Spectral Optimization to Minimize Light Absorbed by Artwork. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2020, 16, 45-54.	1.5	24
5	Multi-channel low-cost light spectrum measurement using a multilayer perceptron. <i>Energy and Buildings</i> , 2019, 199, 579-587.	3.1	23
6	Object color naturalness and attractiveness with spectrally optimized illumination. <i>Optics Express</i> , 2017, 25, 12839.	1.7	19
7	Appearance of Achromatic Colors Under Optimized Light Source Spectrum. <i>IEEE Photonics Journal</i> , 2018, 10, 1-11.	1.0	17
8	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.	0.9	14
9	Blur perception and visual clarity in light projection systems. <i>Optics Express</i> , 2019, 27, A216.	1.7	14
10	A low-cost IoT multi-spectral acquisition device. <i>HardwareX</i> , 2021, 9, e00173.	1.1	10
11	Spatial Frequency and the Performance of Image-Based Visual Complexity Metrics. <i>IEEE Access</i> , 2020, 8, 100111-100119.	2.6	9
12	Real-Time Sensing and Control of Integrative Horticultural Lighting Systems. <i>J</i> , 2020, 3, 266-274.	0.6	8
13	Recommended methods for conducting human factors experiments on the subjective evaluation of colour rendition. <i>Lighting Research and Technology</i> , 2022, 54, 199-236.	1.2	8
14	Characterizing Color Quality, Damage to Artwork, and Light Intensity of Multi-Primary LEDs for Museums. <i>Heritage</i> , 2021, 4, 188-197.	0.9	7
15	The Effect of Electric Bridge Lighting at Night on Mayfly Activity. <i>Energies</i> , 2021, 14, 2934.	1.6	5
16	Absorption-Minimizing Spectral Power Distributions. , 2015, , .		5
17	Impact of Surface Reflectance on Spectral Optimization for Melanopic Illuminance and Energy Efficiency. , 2019, , .		4
18	Optimising Light Source Spectrum For Object Reflectance. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	EVALUATION OF HUE SHIFT FORMULAE IN CIELAB AND CAM02. , 2019, , .		2
20	Optimizing a Three-Channel Sensor Spectral Sensitivity Using A Genetic Algorithm. , 2021, , .		2
21	Visual clarity and blur acceptability in complex illuminated images. , 2018, , .		1
22	Spectral Optimization of Solid-State Light Sources for Cyanosis Observation Index, Circadian, and Color Metrics. , 2021, , .		1