

# Wendy Davis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4220880/publications.pdf>

Version: 2024-02-01

22  
papers

590  
citations

1039406

9  
h-index

1199166

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Color quality scale. <i>Optical Engineering</i> , 2010, 49, 033602.	0.5	322
2	Toward an improved color rendering metric. , 2005, , .		53
3	Approaches to color rendering measurement. <i>Journal of Modern Optics</i> , 2009, 56, 1412-1419.	0.6	40
4	How correlated colour temperature manipulates human thermal perception and comfort. <i>Building and Environment</i> , 2020, 177, 106929.	3.0	38
5	Optimising light source spectrum for object reflectance. <i>Optics Express</i> , 2015, 23, A456.	1.7	30
6	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
7	Object color naturalness and attractiveness with spectrally optimized illumination. <i>Optics Express</i> , 2017, 25, 12839.	1.7	19
8	Appearance of Achromatic Colors Under Optimized Light Source Spectrum. <i>IEEE Photonics Journal</i> , 2018, 10, 1-11.	1.0	17
9	Dimming curve based on the detectability and acceptability of illuminance differences. <i>Optics Express</i> , 2016, 24, A885.	1.7	16
10	Blur perception and visual clarity in light projection systems. <i>Optics Express</i> , 2019, 27, A216.	1.7	14
11	Absorption-Minimizing Spectral Power Distributions. , 2015, , .		5
12	Development and evaluation of colour control interfaces for LED lighting. <i>Optics Express</i> , 2017, 25, A346.	1.7	4
13	The Effect of Control Resolution on the Usability of Color-Tunable Lighting Systems. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2019, 15, 3-16.	1.5	2
14	Measuring color quality of light sources. <i>Proceedings of SPIE</i> , 2006, , .	0.8	2
15	Optimising Light Source Spectrum For Object Reflectance. , 2014, , .		2
16	Toward a Connected Systemâ€”Understanding the Contribution of Light from Different Sources on Occupantsâ€™ Circadian Rhythms. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9939.	1.3	2
17	Illuminant Wavelengths Most Useful for Human Colour Vision. , 2014, , .		0
18	History of Color Metrics. , 2015, , 1-11.		0

#	ARTICLE	IF	CITATIONS
19	Development and Evaluation of Colour Control Interfaces for LED Lighting. , 2016, , .		0
20	The Effect of Control Resolution on the Usability of Color-tunable LED Lighting Systems. , 2017, , .		0
21	History of Color Metrics. , 2017, , 785-797.		0
22	The Calculated Circadian Effects of Light Exposure from Commuting. Applied Sciences (Switzerland), 2021, 11, 11846.	1.3	0