

# Wendy Davis

## 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

437  
citations

9  
h-index

20  
g-index

23  
ext. papers

515  
ext. citations

2.9  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
18	Color quality scale. <i>Optical Engineering</i> , <b>2010</b> , 49, 033602	1.1	264
17	Toward an improved color rendering metric <b>2005</b> ,		34
16	Approaches to color rendering measurement. <i>Journal of Modern Optics</i> , <b>2009</b> , 56, 1412-1419	1.1	30
15	Optimising light source spectrum for object reflectance. <i>Optics Express</i> , <b>2015</b> , 23, A456-64	3.3	21
14	How correlated colour temperature manipulates human thermal perception and comfort. <i>Building and Environment</i> , <b>2020</b> , 177, 106929	6.5	19
13	Object color naturalness and attractiveness with spectrally optimized illumination. <i>Optics Express</i> , <b>2017</b> , 25, 12839-12850	3.3	16
12	Spectral Optimization to Minimize Light Absorbed by Artwork. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , <b>2020</b> , 16, 45-54	3.5	16
11	Dimming curve based on the detectability and acceptability of illuminance differences. <i>Optics Express</i> , <b>2016</b> , 24, A885-97	3.3	9
10	Blur perception and visual clarity in light projection systems. <i>Optics Express</i> , <b>2019</b> , 27, A216-A223	3.3	9
9	Appearance of Achromatic Colors Under Optimized Light Source Spectrum. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-11	1.8	9
8	Absorption-Minimizing Spectral Power Distributions <b>2015</b> ,		4
7	The Effect of Control Resolution on the Usability of Color-Tunable Lighting Systems. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , <b>2019</b> , 15, 3-16	3.5	2
6	Development and evaluation of colour control interfaces for LED lighting. <i>Optics Express</i> , <b>2017</b> , 25, A3463-A3602	3.3	2
5	Optimising Light Source Spectrum For Object Reflectance <b>2014</b> ,		1
4	Toward a Connected System Understanding the Contribution of Light from Different Sources on Occupants Circadian Rhythms. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9939	2.6	0
3	History of Color Metrics <b>2015</b> , 1-11		
2	History of Color Metrics <b>2017</b> , 785-797		

- 1 The Calculated Circadian Effects of Light Exposure from Commuting. *Applied Sciences (Switzerland)*, **2021**, 11, 11846 2.6