

CITATION REPORT

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Optimization of colour quality of LED lighting with reference to memory colours

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Lighting Research and Technology, 2012, 44, 7-15.

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#	Paper	IF	Citations
22	A memory colour quality metric for white light sources. <i>Energy and Buildings</i> , 2012 , 49, 216-225	7	64
21	Subjective preferences and colour quality metrics of LED light sources. <i>Lighting Research and Technology</i> , 2013 , 45, 666-688	2	36
20	A simple method for designing efficient public lighting, based on new parameter relationships. <i>Expert Systems With Applications</i> , 2013 , 40, 7305-7315	7.8	34
19	Self-reinforcing Mechanisms in a Multi-technology Industry: Understanding Sustained Technological Variety in a Context of Path Dependency. <i>Industry and Innovation</i> , 2015 , 22, 523-551	2.3	19
18	Impact of cross-regional differences on color rendition evaluation of white light sources. <i>Optics Express</i> , 2015 , 23, 30216-26	3.3	12
17	Memory and preferred colours and the colour rendition of white light sources. <i>Lighting Research and Technology</i> , 2016 , 48, 393-411	2	25
16	Colour preference varies with lighting application. <i>Lighting Research and Technology</i> , 2017 , 49, 316-328	2	41
15	Solar spectrum matching using monochromatic LEDs. <i>Lighting Research and Technology</i> , 2017 , 49, 497-507		14
14	State of the Art of Color Quality Research and Light Source Technology: A Literature Review. 2017 , 129-174		
13	Optimization of a spectrally tunable LED daylight simulator. <i>Color Research and Application</i> , 2017 , 42, 419-423	1.3	11
12	Optimizing spectral compositions of multichannel LED light sources by IES color fidelity index and luminous efficacy of radiation. <i>Applied Optics</i> , 2017 , 56, 1962-1971	0.2	25
11	Appearance of Achromatic Colors Under Optimized Light Source Spectrum. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-11	1.8	9
10	Smart Precision Lighting for Urban and Landscape Closed Controlled Horticultural Environments. <i>Sustainable Development and Biodiversity</i> , 2018 , 107-140	2.1	2
9	Urban Horticulture. <i>Sustainable Development and Biodiversity</i> , 2018 ,	2.1	2
8	Four-component, white LED with good colour quality and minimum damage to traditional Chinese paintings. <i>Lighting Research and Technology</i> , 2019 , 51, 1077-1091	2	1
7	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
6	Experimental validation of colour rendition specification criteria based on ANSI/IES TM-30-18. <i>Lighting Research and Technology</i> , 2020 , 52, 323-349	2	12

5	Lighting system control techniques in commercial buildings: Current trends and future directions. <i>Journal of Building Engineering</i> , 2020 , 31, 101342	5.2	24
4	Analysis of color rendition specification criteria. 2019 ,		1
3	Evaluating tradeoffs between energy efficiency and color rendition. <i>OSA Continuum</i> , 2019 , 2, 2308	1.4	4
2	An Emerging White LED Technology and associated Thermal Issues – A Review. 2019 , 106-120		
1	Processing RGB Color Sensors for Measuring the Circadian Stimulus of Artificial and Daylight Light Sources. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1132	2.6	1