

Guoxing He

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

488
citations

759055

12
h-index

677027

22
g-index

32
all docs

32
docs citations

32
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal spectra of the phosphor-coated white LEDs with excellent color rendering property and high luminous efficacy of radiation. Optics Express, 2011, 19, 2519.	1.7	61
2	Optimal spectra of white light-emitting diodes using quantum dot nanophosphors. Optics Express, 2012, 20, 9122.	1.7	46
3	White-light LED clusters with high color rendering. Optics Letters, 2010, 35, 2955.	1.7	38
4	Color temperature tunable white-light light-emitting diode clusters with high color rendering index. Applied Optics, 2010, 49, 4670.	2.1	37
5	Spectral optimization of the color temperature tunable white light-emitting diode (LED) cluster consisting of direct-emission blue and red LEDs and a diphosphor conversion LED. Optics Express, 2012, 20, A684.	1.7	32
6	Spectral optimization of color temperature tunable white LEDs based on perovskite quantum dots for ultrahigh color rendition. Optical Materials Express, 2017, 7, 3065.	1.6	31
7	Spectral optimization of color temperature tunable white LEDs with excellent color rendering and luminous efficacy. Optics Letters, 2014, 39, 5570.	1.7	30
8	Controllable synthesis of dual emissive Ag:InP/ZnS quantum dots with high fluorescence quantum yield. Applied Surface Science, 2017, 423, 686-694.	3.1	27
9	Color Temperature Tunable White LED Cluster With Color Rendering Index Above 98. IEEE Photonics Technology Letters, 2017, 29, 1050-1053.	1.3	27
10	Spectral optimization of warm-white light-emitting diode lamp with both color rendering index (CRI) and special CRI of R9 above 90. AIP Advances, 2011, 1, .	0.6	22
11	Optimal spectra of white LED integrated with quantum dots for mesopic vision. Optics Express, 2016, 24, 7643.	1.7	22
12	Spectral Optimization of Phosphor-Coated White LEDs for Color Rendering and Luminous Efficacy. IEEE Photonics Technology Letters, 2014, 26, 1450-1453.	1.3	19
13	Color temperature tunable phosphor-coated white LEDs with excellent photometric and colorimetric performances. Applied Optics, 2018, 57, 9322.	0.9	10
14	Photometric Optimization of Color Temperature Tunable Quantum Dots Converted White LEDs for Excellent Color Rendition. IEEE Photonics Journal, 2016, 8, 1-11.	1.0	9
15	Super-high color rendering properties of color temperature tunable white LEDs based on high quality InP/ZnS quantum dots via myristic acid passivation and Ag doping. Optics Communications, 2018, 418, 46-50.	1.0	9
16	A Strain Distribution Sensing System for Bone-Implant Interfaces Based on Digital Speckle Pattern Interferometry. Sensors, 2019, 19, 365.	2.1	9
17	Spectral optimization of color temperature tunable white LEDs with red LEDs instead of phosphor for an excellent IES color fidelity index. OSA Continuum, 2019, 2, 1056.	1.8	9
18	LED white lights with high CRI and high luminous efficacy. Proceedings of SPIE, 2010, , .	0.8	7

#	ARTICLE	IF	CITATIONS
19	Color Temperature Tunable White-Light LED Cluster with Extrahigh Color Rendering Index. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	7
20	Spectral optimization of phosphor-coated white LED for road lighting based on the mesopic limited luminous efficacy and IES color fidelity index. Applied Optics, 2018, 57, 931.	0.9	7
21	Colorant formulation based on new two-constant theory. Coloration Technology, 2007, 123, 217-223.	0.7	6
22	Effect of the Speckle Size on the Quality of Speckle Pattern in DSPI System. IEEE Access, 2019, 7, 115010-115022.	2.6	5
23	Warm-white light-emitting diodes integrated with colloidal quantum dots for high luminous efficacy and color rendering: comment. Optics Letters, 2011, 36, 2851.	1.7	3
24	Photometric optimization and comparison of hybrid white LEDs for mesopic road lighting. Applied Optics, 2018, 57, 4665.	0.9	3
25	Comment on "Optimization of a spectrally tunable LED daylight simulator". Color Research and Application, 2019, 44, 479-482.	0.8	3
26	Recipe formulation based on spectral visual response fitting. Coloration Technology, 2009, 125, 178-183.	0.7	2
27	Comments on "Maximum White Luminous Efficacy of Radiation Versus Color Rendering Index and Color Temperature: Exact Results and a Useful Analytic Expression". Journal of Display Technology, 2013, 9, 859-860.	1.3	2
28	Study on the correlations between color rendering indices and the spectral power distributions: comment. Optics Express, 2015, 23, A140.	1.7	2
29	Optimization of the light-emitting diode daylight simulator based on the CIE metamerism index method. Color Research and Application, 0, , .	0.8	2
30	Optimization of a spectrally tunable daylight simulator using four quantum dot light-emitting diodes for visual appraisal of color. Color Research and Application, 2020, 45, 49-54.	0.8	1
31	A high efficacy and tunable white light-emitting diode cluster with both color fidelity and nonvisual performances close to natural lights. Color Research and Application, 2020, 45, 1067-1075.	0.8	0
32	A color temperature tunable WW/CW LEDs cluster with extrahigh color rendering and high luminous efficacy. , 2013, , .		0