

Guoxing He

List of Publications by Year in descending order

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32
papers

488
citations

759055

12
h-index

677027

22
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all docs

32
docs citations

32
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of a spectrally tunable daylight simulator using four quantum dot light-emitting diodes for visual appraisal of color. <i>Color Research and Application</i> , 2020, 45, 49-54.	0.8	1
2	A high efficacy and tunable white light-emitting diode cluster with both color fidelity and nonvisual performances close to natural lights. <i>Color Research and Application</i> , 2020, 45, 1067-1075.	0.8	0
3	Effect of the Speckle Size on the Quality of Speckle Pattern in DSPI System. <i>IEEE Access</i> , 2019, 7, 115010-115022.	2.6	5
4	A Strain Distribution Sensing System for Bone-Implant Interfaces Based on Digital Speckle Pattern Interferometry. <i>Sensors</i> , 2019, 19, 365.	2.1	9
5	Comment on "Optimization of a spectrally tunable LED daylight simulator". <i>Color Research and Application</i> , 2019, 44, 479-482.	0.8	3
6	Spectral optimization of color temperature tunable white LEDs with red LEDs instead of phosphor for an excellent IES color fidelity index. <i>OSA Continuum</i> , 2019, 2, 1056.	1.8	9
7	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. <i>Optics Communications</i> , 2018, 418, 46-50.	1.0	9
8	Photometric optimization and comparison of hybrid white LEDs for mesopic road lighting. <i>Applied Optics</i> , 2018, 57, 4665.	0.9	3
9	Spectral optimization of phosphor-coated white LED for road lighting based on the mesopic limited luminous efficacy and IES color fidelity index. <i>Applied Optics</i> , 2018, 57, 931.	0.9	7
10	Color temperature tunable phosphor-coated white LEDs with excellent photometric and colorimetric performances. <i>Applied Optics</i> , 2018, 57, 9322.	0.9	10
11	Controllable synthesis of dual emissive Ag:InP/ZnS quantum dots with high fluorescence quantum yield. <i>Applied Surface Science</i> , 2017, 423, 686-694.	3.1	27
12	Color Temperature Tunable White LED Cluster With Color Rendering Index Above 98. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1050-1053.	1.3	27
13	Spectral optimization of color temperature tunable white LEDs based on perovskite quantum dots for ultrahigh color rendition. <i>Optical Materials Express</i> , 2017, 7, 3065.	1.6	31
14	Optimal spectra of white LED integrated with quantum dots for mesopic vision. <i>Optics Express</i> , 2016, 24, 7643.	1.7	22
15	Photometric Optimization of Color Temperature Tunable Quantum Dots Converted White LEDs for Excellent Color Rendition. <i>IEEE Photonics Journal</i> , 2016, 8, 1-11.	1.0	9
16	Study on the correlations between color rendering indices and the spectral power distributions: comment. <i>Optics Express</i> , 2015, 23, A140.	1.7	2
17	Color Temperature Tunable White-Light LED Cluster with Extrahigh Color Rendering Index. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	7
18	Spectral optimization of color temperature tunable white LEDs with excellent color rendering and luminous efficacy. <i>Optics Letters</i> , 2014, 39, 5570.	1.7	30

#	ARTICLE	IF	CITATIONS
19	Spectral Optimization of Phosphor-Coated White LEDs for Color Rendering and Luminous Efficacy. IEEE Photonics Technology Letters, 2014, 26, 1450-1453.	1.3	19
20	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
21	A color temperature tunable WW/CW LEDs cluster with extrahigh color rendering and high luminous efficacy. , 2013, , .		0
22	Optimal spectra of white light-emitting diodes using quantum dot nanophosphors. Optics Express, 2012, 20, 9122.	1.7	46
23	Spectral optimization of the color temperature tunable white light-emitting diode (LED) cluster consisting of direct-emission blue and red LEDs and a diposphor conversion LED. Optics Express, 2012, 20, A684.	1.7	32
24	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
25	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
26	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
27	LED white lights with high CRI and high luminous efficacy. Proceedings of SPIE, 2010, , .	0.8	7
28	Color temperature tunable white-light light-emitting diode clusters with high color rendering index. Applied Optics, 2010, 49, 4670.	2.1	37
29	White-light LED clusters with high color rendering. Optics Letters, 2010, 35, 2955.	1.7	38
30	Recipe formulation based on spectral visual response fitting. Coloration Technology, 2009, 125, 178-183.	0.7	2
31	Colorant formulation based on new two-constant theory. Coloration Technology, 2007, 123, 217-223.	0.7	6
32	Optimization of the light-emitting diode daylight simulator based on the CIE metamerism index method. Color Research and Application, 0, , .	0.8	2