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Color Fidelity of Light Sources Evaluated over Large Sets of Reflectance Samples

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#	Paper	IF	Citations
31	Influence of imaging resolution on color fidelity in digital archiving. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015 , 32, 2044-8	1.8	2
30	Advantages of III-nitride laser diodes in solid-state lighting. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015 , 212, 980-985	1.6	53
29	Development of the IES method for evaluating the color rendition of light sources. <i>Optics Express</i> , 2015 , 23, 15888-906	3.3	139
28	Evaluation of new color metrics: guidelines for developing narrow-band red phosphors for WLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8326-8348	7.1	91
27	Another Color Rendering Metric: Do We Really Need It, Can We Live without It?. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2016 , 12, 51-59	3.5	13
26	High luminous flux from single crystal phosphor-converted laser-based white lighting system. <i>Optics Express</i> , 2016 , 24, A215-21	3.3	102
25	Laser-driven phosphor-converted white light source for solid-state illumination. <i>Applied Optics</i> , 2016 , 55, 1899-905	0.2	37
24	Toward a Replacement of the CIE Color Rendering Index for White Light Sources. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2016 , 12, 61-69	3.5	15
23	Tutorial: Color Rendering and Its Applications in Lighting. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2016 , 12, 7-26	3.5	50
22	Colour preference varies with lighting application. <i>Lighting Research and Technology</i> , 2017 , 49, 316-328	2	41
21	Colour-enhanced light emitting diode light with high gamut area for retail lighting. <i>Lighting Research and Technology</i> , 2017 , 49, 329-342	2	5
20	The Role of Presented Objects in Deriving Color Preference Criteria from Psychophysical Studies. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2017 , 13, 143-157	3.5	17
19	Preparation of balanced trichromatic white phosphors for solid-state white lighting. <i>Luminescence</i> , 2017 , 32, 791-799	2.5	2
18	Colour gamut size and shape influence colour preference. <i>Lighting Research and Technology</i> , 2017 , 49, 992-1014	2	38
17	The prediction of perceived colour differences by colour fidelity metrics. <i>Lighting Research and Technology</i> , 2017 , 49, 805-817	2	14
16	LED-based white light. <i>Comptes Rendus Physique</i> , 2018 , 19, 169-181	1.4	14
15	Chroma Shift and Gamut Shape: Going Beyond Average Color Fidelity and Gamut Area. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2018 , 14, 149-165	3.5	15

14 Colour. **2019**, 25-55

13 Methods for Assessing Quantity and Quality of Illumination. *Annual Review of Vision Science*, **2019**, 5, 479-502 8.2 7

12 Comparing Measures of Gamut Area. *LEUKOS - Journal of Illuminating Engineering Society of North America*, **2019**, 15, 29-53 3.5 5

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8 Study of Color Rendering Evaluation Method of Light Sources for Printing Matter. *IEEE Access*, **2020**, 8, 5526-5536 3.5 0

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