

Michael J Murdoch

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

162
citations

1477746

6
h-index

1281420

11
g-index

25
all docs

25
docs citations

25
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	System considerations for RGBW OLED displays. <i>Journal of the Society for Information Display</i> , 2006, 14, 37-48.	0.8	27
2	RGB-to-RGBW conversion with current limiting for OLED displays. <i>Journal of the Society for Information Display</i> , 2009, 17, 195.	0.8	20
3	Observer metamerism in commercial displays. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, A61.	0.8	19
4	Investigating color appearance in optical see-through augmented reality. <i>Color Research and Application</i> , 2019, 44, 492-507.	0.8	17
5	Characterization and control of a multi-primary LED light lab. <i>Optics Express</i> , 2017, 25, 29605.	1.7	8
6	Dynamic color control in multiprimary tunable LED lighting systems. <i>Journal of the Society for Information Display</i> , 2019, 27, 570-580.	0.8	8
7	Color appearance shift in augmented reality metamerism matching. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2021, 38, 701.	0.8	7
8	Brightness matching in optical see-through augmented reality. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, 1927.	0.8	7
9	Efficiently evaluating the effect of color gamut and spectral bandwidth on observer metamerism in high dynamic range displays. <i>Journal of the Society for Information Display</i> , 2021, 29, 704-722.	0.8	5
10	Color Matching Criteria in Augmented Reality. <i>Color and Imaging Conference</i> , 2018, 26, 102-109.	0.1	5
11	Preferred and maximally acceptable color gamut for reproducing natural image content. <i>Journal of the Society for Information Display</i> , 2010, 18, 1111.	0.8	4
12	Perceived speed of changing color in chroma and hue directions in CIELAB. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 1022.	0.8	4
13	Assessing the temporal uniformity of CIELAB hue angle. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, 521.	0.8	4
14	Color appearance modeling in augmented reality. , 2016, , .		3
15	Color Matching Criteria in Augmented Reality. <i>Journal of Perceptual Imaging</i> , 2018, 1, 010506-1-010506-8.	0.3	3
16	Image quality equivalence between peak luminance and chromaticity gamut. <i>Journal of the Society for Information Display</i> , 2020, 28, 854-871.	0.8	3
17	Observer metamerism: Why do [mis]matches of neutral appear pinkish or greenish?. <i>Color and Imaging Conference</i> , 2020, 28, 7-12.	0.1	3
18	Preferred color gamut boundaries for wide-gamut and multiprimary displays. <i>Color Research and Application</i> , 2014, 39, 169-178.	0.8	2

#	ARTICLE	IF	CITATIONS
19	PÇ: Late&#News Poster: Color Mismatches across Commercial Displays: Modeling the Effect of Observer Metamerism. Digest of Technical Papers SID International Symposium, 2019, 50, 1374-1377.	0.1	2
20	Time course of chromatic adaptation under dynamic lighting. Color and Imaging Conference, 2019, 2019, 13-18.	0.1	2
21	A multiprimary lighting system for customized color stimuli. Color Research and Application, 0, , .	0.8	2
22	Effect of color gamut and luminance on observer metamerism in HDR displays. Color and Imaging Conference, 2020, 2020, 237-243.	0.1	2
23	Improved Method for Evaluating and Specifying the Chromaticity of Light Sources. LEUKOS - Journal of Illuminating Engineering Society of North America, 2023, 19, 35-52.	1.5	2
24	Understanding Color Associations and Their Effects on Expectations of Drugs&#TM Efficacies. Pharmacy (Basel, Switzerland), 2022, 10, 82.	0.6	2
25	Effects of pill colors on human perception and expectation of drugs' efficacy. Color Research and Application, 0, , .	0.8	1