Michael J Murdoch

List of Publications by Year
in descending order

25 papers	162 citations

1478505

6 h-index	

1281871

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. Journal of the Society for Information Display, 2006, 14, 37-48.	2.1	27
2	RGB-to-RGBW conversion with current limiting for OLED displays. Journal of the Society for Information Display, 2009, 17, 195.	2.1	20
3	Observer metamerism in commercial displays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, A61.	1.5	19
4	Investigating color appearance in optical see‐through augmented reality. Color Research and Application, 2019, 44, 492-507.	1.6	17
5	Characterization and control of a multi-primary LED light lab. Optics Express, 2017, 25, 29605.	3.4	8
6	Dynamic color control in multiprimary tunable LED lighting systems. Journal of the Society for Information Display, 2019, 27, 570-580.	2.1	8
7	Color appearance shift in augmented reality metameric matching. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 701.	1.5	7
8	Brightness matching in optical see-through augmented reality. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1927.	1.5	7
9	Efficiently evaluating the effect of color gamut and spectral bandwidth on observer metamerism in high dynamic range displays. Journal of the Society for Information Display, 2021, 29, 704-722.	2.1	5
10	Color Matching Criteria in Augmented Reality. Color and Imaging Conference, 2018, 26, 102-109.	0.2	5
11	Preferred and maximally acceptable color gamut for reproducing natural image content. Journal of the Society for Information Display, 2010, 18, 1111.	2.1	4
12	Perceived speed of changing color in chroma and hue directions in CIELAB. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1022.	1.5	4
13	Assessing the temporal uniformity of CIELAB hue angle. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 521.	1.5	4
14	Color appearance modeling in augmented reality. , 2016, , .		3
15	Color Matching Criteria in Augmented Reality. Journal of Perceptual Imaging, 2018, 1, 010506-1-010506-8.	0.5	3
16	Image quality equivalence between peak luminance and chromaticity gamut. Journal of the Society for Information Display, 2020, 28, 854-871.	2.1	3
17	Observer metamerism: Why do [mis]matches of neutral appear pinkish or greenish?. Color and Imaging Conference, 2020, 28, 7-12.	0.2	3
18	Preferred color gamut boundaries for wide‐gamut and multiprimary displays. Color Research and Application, 2014, 39, 169-178.	1.6	2

#	Article	IF	Citations
19	P‑199: 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.	0.3	2
20	Time course of chromatic adaptation under dynamic lighting. Color and Imaging Conference, 2019, 2019, 13-18.	0.2	2
21	A multiprimary lighting system for customized color stimuli. Color Research and Application, 0, , .	1.6	2
22	Effect of color gamut and luminance on observer metamerism in HDR displays. Color and Imaging Conference, 2020, 2020, 237-243.	0.2	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.	2.9	2
24	Understanding Color Associations and Their Effects on Expectations of Drugs' Efficacies. Pharmacy (Basel, Switzerland), 2022, 10, 82.	1.6	2
25	Effects of pill colors on human perception and expectation of drugs' efficacy. Color Research and Application, 0, , .	1.6	1