Michael J Murdoch

List of Publications by Year
in descending order

25 papers	162 citations	6 h-index (1477746)
11 g-index (1281420)		
25 all docs	25 docs citations	25 times ranked
105 citing authors		

#	Article	IF	Citations
1	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
2	Understanding Color Associations and Their Effects on Expectations of Drugs' Efficacies. Pharmacy (Basel, Switzerland), 2022, 10, 82.	0.6	2
3	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.	0.8	7
4	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.	0.8	5
5	Image quality equivalence between peak luminance and chromaticity gamut. Journal of the Society for Information Display, 2020, 28, 854-871.	0.8	3
6	Observer metamerism in commercial displays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, A61.	0.8	19
7	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.	0.8	7
8	Observer metamerism: Why do [mis]matches of neutral appear pinkish or greenish?. Color and Imaging Conference, 2020, 28, 7-12.	0.1	3
9	Effect of color gamut and luminance on observer metamerism in HDR displays. Color and Imaging Conference, 2020, 2020, 237-243.	0.1	2
10	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.	0.8	4
11	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.	0.1	2
12	Investigating color appearance in optical see‑through augmented reality. Color Research and Application, 2019, 44, 492-507.	0.8	17
13	Dynamic color control in multiprimary tunable LED lighting systems. Journal of the Society for Information Display, 2019, 27, 570-580.	0.8	8
14	Time course of chromatic adaptation under dynamic lighting. Color and Imaging Conference, 2019, 2019, 13-18.	0.1	2
15	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.	0.8	4
16	Color Matching Criteria in Augmented Reality. Journal of Perceptual Imaging, 2018, 1, 010506-1-010506-8.	0.3	3
17	Color Matching Criteria in Augmented Reality. Color and Imaging Conference, 2018, 26, 102-109.	0.1	5
18	Characterization and control of a multi-primary LED light lab. Optics Express, 2017, 25, 29605.	1.7	8

#	Article	IF	Citations
19	Color appearance modeling in augmented reality. , 2016, , .		3
20	Preferred color gamut boundaries for wide‐gamut and multiprimary displays. Color Research and Application, 2014, 39, 169-178.	0.8	2
21	Preferred and maximally acceptable color gamut for reproducing natural image content. Journal of the Society for Information Display, 2010, 18, 1111.	0.8	4
22	RGB-to-RGBW conversion with current limiting for OLED displays. Journal of the Society for Information Display, 2009, 17, 195.	0.8	20
23	System considerations for RGBW OLED displays. Journal of the Society for Information Display, 2006, 14, 37-48.	0.8	27
24	A multiprimary lighting system for customized color stimuli. Color Research and Application, 0, , .	0.8	2
25	Effects of pill colors on human perception and expectation of drugs' efficacy. Color Research and Application, 0, , .	0.8	1