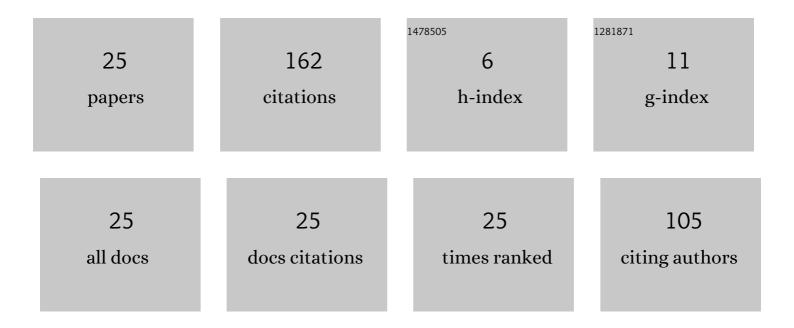
Michael J Murdoch

List of Publications by Year in descending order

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| # | 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 seeâ€ŧhrough 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 wideâ€gamut and multiprimary displays. Color Research and Application, 2014, 39, 169-178. | 1.6 | 2 |

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| # | Article | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Pâ€199: Lateâ€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 |