

Miguel A MartÃ- nez

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

210
citations

1039406

9
h-index

1058022

14
g-index

22
all docs

22
docs citations

22
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Do EnChroma glasses improve color vision for colorblind subjects?. Optics Express, 2018, 26, 28693.	1.7	40
2	Combining transverse field detectors and color filter arrays to improve multispectral imaging systems. Applied Optics, 2014, 53, C14.	0.9	23
3	Assessment of VINO filters for correcting red-green Color Vision Deficiency. Optics Express, 2019, 27, 17954.	1.7	22
4	Adaptive exposure estimation for high dynamic range imaging applied to natural scenes and daylight skies. Applied Optics, 2015, 54, B241.	0.9	17
5	Short-term effects of text-background color combinations on the dynamics of the accommodative response. Vision Research, 2020, 166, 33-42.	0.7	17
6	Image processing pipeline for segmentation and material classification based on multispectral high dynamic range polarimetric images. Optics Express, 2017, 25, 30073.	1.7	16
7	Multifocus HDR VIS/NIR hyperspectral imaging and its application to works of art. Optics Express, 2019, 27, 11323.	1.7	15
8	Spectral Image Processing for Museum Lighting Using CIE LED Illuminants. Sensors, 2019, 19, 5400.	2.1	13
9	Evaluation of Cleaning Processes Using Colorimetric and Spectral Data for the Removal of Layers of Limewash from Medieval Plasterwork. Sensors, 2020, 20, 7147.	2.1	9
10	Spectral Filter Selection for Increasing Chromatic Diversity in CVD Subjects. Sensors, 2020, 20, 2023.	2.1	9
11	Single Image Dehazing Algorithm Analysis with Hyperspectral Images in the Visible Range. Sensors, 2020, 20, 6690.	2.1	5
12	Improving unsupervised saliency detection by migrating from RGB to multispectral images. Color Research and Application, 2019, 44, 875-885.	0.8	4
13	Spectral information to get beyond color in the analysis of water-soluble varnish degradation. Heritage Science, 2019, 7, .	1.0	4
14	Eight-Channel Multispectral Image Database for Saliency Prediction. Sensors, 2021, 21, 970.	2.1	4
15	Colorimetric and spectral data analysis of consolidants used for preservation of medieval plasterwork. Journal of Cultural Heritage, 2020, 42, 64-71.	1.5	3
16	Metasurface-based contact lenses for color vision deficiency: comment. Optics Letters, 2020, 45, 5117.	1.7	3
17	Is it really possible to compensate for colour blindness with a filter?. Coloration Technology, 2021, 137, 64-67.	0.7	2
18	Band Selection for Dehazing Algorithms Applied to Hyperspectral Images in the Visible Range. Sensors, 2021, 21, 5935.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Color vision deficiencies and camouflage: a comparative study between normal and CVD observers. Optics Express, 2022, 30, 13699.	1.7	2
20	Reflectance recovery for coated printed color samples via multiangular RGB camera measurements. , 2013, , .		0
21	Framework proposal for high-resolution spectral image acquisition of effect-coatings. Measurement: Journal of the International Measurement Confederation, 2019, 145, 379-390.	2.5	0