

Michael S Brown

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,360
citations

933447

10
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Aware Metadata for Raw Reconstruction. , 2021, , .		5
2	Improved tagged cardiac MRI myocardium strain analysis by leveraging cine segmentation. Computer Methods and Programs in Biomedicine, 2020, 184, 105128.	4.7	6
3	When Color Constancy Goes Wrong: Correcting Improperly White-Balanced Images. , 2019, , .		68
4	RAW Image Reconstruction Using a Self-contained sRGBâ€“JPEG Image with Small Memory Overhead. International Journal of Computer Vision, 2018, 126, 637-650.	15.6	20
5	Comparison of wrist-worn Fitbit Flex and waist-worn ActiGraph for measuring steps in free-living adults. PLoS ONE, 2017, 12, e0172535.	2.5	102
6	RAW Image Reconstruction Using a Self-Contained sRGB-JPEG Image with Only 64 KB Overhead. , 2016, , .		24
7	Automatic basal slice detection for cardiac analysis. Journal of Medical Imaging, 2016, 3, 034004.	1.5	12
8	Illuminant estimation for color constancy: why spatial-domain methods work and the role of the color distribution. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1049.	1.5	221
9	High-Quality Depth Map Upsampling and Completion for RGB-D Cameras. IEEE Transactions on Image Processing, 2014, 23, 5559-5572.	9.8	94
10	Nonlinear Camera Response Functions and Image Deblurring: Theoretical Analysis and Practice. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2498-2512.	13.9	68
11	A New In-Camera Imaging Model for Color Computer Vision and Its Application. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2289-2302.	13.9	110
12	Nonuniform Lattice Regression for Modeling the Camera Imaging Pipeline. Lecture Notes in Computer Science, 2012, , 556-568.	1.3	10
13	High quality depth map upsampling for 3D-TOF cameras. , 2011, , .		383
14	Revisiting radiometric calibration for color computer vision. , 2011, , .		31
15	User-Assisted Ink-Bleed Reduction. IEEE Transactions on Image Processing, 2010, 19, 2646-2658.	9.8	26
16	User-assisted ink-bleed correction for handwritten documents. , 2008, , .		5
17	Geometric and shading correction for images of printed materials using boundary. IEEE Transactions on Image Processing, 2006, 15, 1544-1554.	9.8	64
18	DISTORTION REMOVAL FOR CAMERA-IMAGED PRINT MATERIALS USING BOUNDARY INTERPOLATION. International Journal of Image and Graphics, 2005, 05, 311-328.	1.5	0

#	ARTICLE	IF	CITATIONS
19	INCORPORATING GEOMETRIC REGISTRATION WITH PC-CLUSTER RENDERING FOR FLEXIBLE TILED DISPLAYS. International Journal of Image and Graphics, 2004, 04, 683-700.	1.5	3
20	Image restoration of arbitrarily warped documents. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 1295-1306.	13.9	108