

# Michael S Brown

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10475967/publications.pdf>

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	High quality depth map upsampling for 3D-TOF cameras. , 2011, , .		383
2	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
3	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
4	Image restoration of arbitrarily warped documents. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 1295-1306.	13.9	108
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	High-Quality Depth Map Upsampling and Completion for RGB-D Cameras. IEEE Transactions on Image Processing, 2014, 23, 5559-5572.	9.8	94
7	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
8	When Color Constancy Goes Wrong: Correcting Improperly White-Balanced Images. , 2019, , .		68
9	Geometric and shading correction for images of printed materials using boundary. IEEE Transactions on Image Processing, 2006, 15, 1544-1554.	9.8	64
10	Revisiting radiometric calibration for color computer vision. , 2011, , .		31
11	User-Assisted Ink-Bleed Reduction. IEEE Transactions on Image Processing, 2010, 19, 2646-2658.	9.8	26
12	RAW Image Reconstruction Using a Self-Contained sRGB-JPEG Image with Only 64 KB Overhead. , 2016, , .		24
13	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
14	Automatic basal slice detection for cardiac analysis. Journal of Medical Imaging, 2016, 3, 034004.	1.5	12
15	Nonuniform Lattice Regression for Modeling the Camera Imaging Pipeline. Lecture Notes in Computer Science, 2012, , 556-568.	1.3	10
16	Improved tagged cardiac MRI myocardium strain analysis by leveraging cine segmentation. Computer Methods and Programs in Biomedicine, 2020, 184, 105128.	4.7	6
17	User-assisted ink-bleed correction for handwritten documents. , 2008, , .		5
18	Spatially Aware Metadata for Raw Reconstruction. , 2021, , .		5

#	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	DISTORTION REMOVAL FOR CAMERA-IMAGED PRINT MATERIALS USING BOUNDARY INTERPOLATION. International Journal of Image and Graphics, 2005, 05, 311-328.	1.5	0