

# Yasuhiro Mukaigawa

## List of Publications by Year in descending order

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times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slope Disparity Gating: System and Applications. IEEE Transactions on Computational Imaging, 2022, 8, 317-332.	2.6	2
2	Blind 3D-Printing Watermarking Using Moment Alignment and Surface Norm Distribution. IEEE Transactions on Multimedia, 2021, 23, 3467-3482.	5.2	7
3	Time-Resolved Far Infrared Light Transport Decomposition for Thermal Photometric Stereo. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2075-2085.	9.7	2
4	Programmable Non-Epipolar Indirect Light Transport: Capture and Analysis. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2421-2436.	2.9	10
5	Reconstruction of Geometric and Optical Parameters of Non-Planar Objects with Thin Film. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 638-651.	9.7	1
6	Touch Sensing for a Projected Screen Using Slope Disparity Gating. IEEE Access, 2021, 9, 106005-106013.	2.6	7
7	Time-of-flight imaging in fog using multiple time-gated exposures. Optics Express, 2021, 29, 6453.	1.7	22
8	Active Lighting and Its Application for Computer Vision. Advances in Computer Vision and Pattern Recognition, 2020, , .	0.9	5
9	Blind Watermarking for 3-D Printed Objects by Locally Modifying Layer Thickness. IEEE Transactions on Multimedia, 2020, 22, 2780-2791.	5.2	24
10	Other Shape Reconstruction Techniques. Advances in Computer Vision and Pattern Recognition, 2020, , 157-181.	0.9	0
11	Photometry. Advances in Computer Vision and Pattern Recognition, 2020, , 3-29.	0.9	0
12	Biomedical Application. Advances in Computer Vision and Pattern Recognition, 2020, , 241-262.	0.9	0
13	Sensor. Advances in Computer Vision and Pattern Recognition, 2020, , 63-87.	0.9	0
14	Photometric Stereo. Advances in Computer Vision and Pattern Recognition, 2020, , 107-123.	0.9	0
15	Visualization/AR/VR/MR Systems. Advances in Computer Vision and Pattern Recognition, 2020, , 213-239.	0.9	0
16	Structured Light. Advances in Computer Vision and Pattern Recognition, 2020, , 125-155.	0.9	0
17	Robot Vision, Autonomous Vehicles, and Human Robot Interaction. Advances in Computer Vision and Pattern Recognition, 2020, , 289-303.	0.9	0
18	Slope Disparity Gating using a Synchronized Projector-Camera System. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Depth from phasor distortions in fog. Optics Express, 2019, 27, 18858.	1.7	13
20	Blind Watermarking for 3-D Printed Objects using Surface Norm Distribution. , 2018, , .		7
21	Time-Resolved Light Transport Decomposition for Thermal Photometric Stereo. , 2018, , .		4
22	Acquiring and characterizing plane-to-ray indirect light transport. , 2018, , .		10
23	Recovering Inner Slices of Layered Translucent Objects by Multi-Frequency Illumination. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 746-757.	9.7	12
24	Recovering temporal PSF using ToF camera with delayed light emission. IPSJ Transactions on Computer Vision and Applications, 2017, 9, .	4.4	13
25	Feature-Based Non-rigid Registration of Serial Section Images by Blending Rigid Transformations. , 2017, , .		3
26	Reconstructing Shapes and Appearances of Thin Film Objects Using RGB Images. , 2016, , .		4
27	Recovering Transparent Shape from Time-of-Flight Distortion. , 2016, , .		27
28	Optical tomography with discretized path integral. Journal of Medical Imaging, 2015, 2, 033501.	0.8	2
29	Surface Normal Deconvolution: Photometric Stereo for Optically Thick Translucent Objects. Lecture Notes in Computer Science, 2014, , 346-359.	1.0	12
30	Descattering of transmissive observation using Parallel High-Frequency Illumination. , 2013, , .		22
31	Analysis of light transport in scattering media. , 2010, , .		30
32	Rapid BRDF Measurement Using an Ellipsoidal Mirror and a Projector. IPSJ Transactions on Computer Vision and Applications, 2009, 1, 21-32.	4.4	15
33	Analysis of photometric factors based on photometric linearization. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 3326.	0.8	66
34	Multiplexed Illumination for Measuring BRDF Using an Ellipsoidal Mirror and a Projector. , 2007, , 246-257.		15