

Yoav Y Schechner

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,401
citations

932766

10
h-index

1372195

10
g-index

40
all docs

40
docs citations

40
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	Guest Editorial: Introduction to the Special Section on Computational Photography. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2175-2178.	9.7	0
2	Multi-View Polarimetric Scattering Cloud Tomography and Retrieval of Droplet Size. Remote Sensing, 2020, 12, 2831.	1.8	23
3	Distributed Sky Imaging Radiometry and Tomography. , 2020, , .		12
4	A Correlated Multi-Pixel Inversion Approach for Aerosol Remote Sensing. Remote Sensing, 2019, 11, 746.	1.8	26
5	Symbaline: An electromagnetically actuated wine glass instrument. Journal of New Music Research, 2018, 47, 476-491.	0.6	0
6	Statistical Tomography of Microscopic Life. , 2018, , .		4
7	Computational Imaging on the Electric Grid. , 2017, , .		30
8	Multiple-Scattering Microphysics Tomography. , 2017, , .		27
9	In-situ multi-view multi-scattering stochastic tomography. , 2016, , .		16
10	The Next Best Underwater View. , 2016, , .		30
11	Self-Calibrating Imaging Polarimetry. , 2015, , .		14
12	Matrix optimization for poisson compressed sensing. , 2014, , .		4
13	3Deflicker from motion. , 2013, , .		14
14	Triangulation in random refractive distortions. , 2013, , .		21
15	Example-based cross-modal denoising. , 2012, , .		4
16	Flat Refractive Geometry. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 51-65.	9.7	160
17	Variational stereo in dynamic illumination. , 2011, , .		7
18	Ultrawide Foveated Video Extrapolation. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 321-334.	7.3	14

#	ARTICLE	IF	CITATIONS
19	Multiscale ultrawide foveated video extrapolation. , 2011, , .		9
20	Spaceborne underwater imaging. , 2011, , .		10
21	Inversion by P^4 polarization-picture post-processing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 638-648.	1.8	22
22	Multiplexed fluorescence unmixing. , 2010, , .		21
23	Underwater stereo using natural flickering illumination. , 2010, , .		7
24	Polarization: Beneficial for visibility enhancement?. , 2009, , .		45
25	Geometry by deflaring. , 2009, , .		12
26	Enhancing images in scattering media utilizing stereovision and polarization. , 2009, , .		21
27	Recovery limits in pointwise degradation. , 2009, , .		23
28	Stereo from flickering caustics. , 2009, , .		14
29	Polarization: Beneficial for visibility enhancement?. , 2009, , .		9
30	On controlling light transport in poor visibility environments. , 2008, , .		34
31	Overcoming visual reverberations. , 2008, , .		28
32	Flat refractive geometry. , 2008, , .		64
33	Harmony in Motion. , 2007, , .		64
34	Illumination Multiplexing within Fundamental Limits. , 2007, , .		42
35	Variational Distance-Dependent Image Restoration. , 2007, , .		25
36	Regularized Image Recovery in Scattering Media. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1655-1660.	9.7	166

#	ARTICLE	IF	CITATIONS
37	Multiplexing for Optimal Lighting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1339-1354.	9.7	127
38	Cross-Modal Localization via Sparsity. IEEE Transactions on Signal Processing, 2007, 55, 1390-1404.	3.2	42
39	Generalized Mosaicing: High Dynamic Range in a Wide Field of View. International Journal of Computer Vision, 2003, 53, 245-267.	10.9	47
40	Depth from Defocus vs. Stereo: How Different Really Are They?. International Journal of Computer Vision, 2000, 39, 141-162.	10.9	163