

# Yoav Y Schechner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4321741/publications.pdf>

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	Regularized Image Recovery in Scattering Media. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1655-1660.	9.7	166
2	Depth from Defocus vs. Stereo: How Different Really Are They?. International Journal of Computer Vision, 2000, 39, 141-162.	10.9	163
3	Flat Refractive Geometry. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 51-65.	9.7	160
4	Multiplexing for Optimal Lighting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1339-1354.	9.7	127
5	Harmony in Motion. , 2007, , .		64
6	Flat refractive geometry. , 2008, , .		64
7	Generalized Mosaicing: High Dynamic Range in a Wide Field of View. International Journal of Computer Vision, 2003, 53, 245-267.	10.9	47
8	Polarization: Beneficial for visibility enhancement?. , 2009, , .		45
9	Illumination Multiplexing within Fundamental Limits. , 2007, , .		42
10	Cross-Modal Localization via Sparsity. IEEE Transactions on Signal Processing, 2007, 55, 1390-1404.	3.2	42
11	On controlling light transport in poor visibility environments. , 2008, , .		34
12	The Next Best Underwater View. , 2016, , .		30
13	Computational Imaging on the Electric Grid. , 2017, , .		30
14	Overcoming visual reverberations. , 2008, , .		28
15	Multiple-Scattering Microphysics Tomography. , 2017, , .		27
16	A Correlated Multi-Pixel Inversion Approach for Aerosol Remote Sensing. Remote Sensing, 2019, 11, 746.	1.8	26
17	Variational Distance-Dependent Image Restoration. , 2007, , .		25
18	Recovery limits in pointwise degradation. , 2009, , .		23

#	ARTICLE	IF	CITATIONS
19	Multi-View Polarimetric Scattering Cloud Tomography and Retrieval of Droplet Size. Remote Sensing, 2020, 12, 2831.	1.8	23
20	Inversion by $P^4$ polarization-picture post-processing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 638-648.	1.8	22
21	Enhancing images in scattering media utilizing stereovision and polarization. , 2009, , .		21
22	Multiplexed fluorescence unmixing. , 2010, , .		21
23	Triangulation in random refractive distortions. , 2013, , .		21
24	In-situ multi-view multi-scattering stochastic tomography. , 2016, , .		16
25	Stereo from flickering caustics. , 2009, , .		14
26	Ultrawide Foveated Video Extrapolation. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 321-334.	7.3	14
27	3Deflicker from motion. , 2013, , .		14
28	Self-Calibrating Imaging Polarimetry. , 2015, , .		14
29	Geometry by deflaring. , 2009, , .		12
30	Distributed Sky Imaging Radiometry and Tomography. , 2020, , .		12
31	Spaceborne underwater imaging. , 2011, , .		10
32	Multiscale ultrawide foveated video extrapolation. , 2011, , .		9
33	Polarization: Beneficial for visibility enhancement?. , 2009, , .		9
34	Underwater stereo using natural flickering illumination. , 2010, , .		7
35	Variational stereo in dynamic illumination. , 2011, , .		7
36	Example-based cross-modal denoising. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
37	Matrix optimization for poisson compressed sensing. , 2014, , .		4
38	Statistical Tomography of Microscopic Life. , 2018, , .		4
39	Symbaline: An electromagnetically actuated wine glass instrument. Journal of New Music Research, 2018, 47, 476-491.	0.6	0
40	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