

Eitan Edrei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4112561/publications.pdf>

Version: 2024-02-01

16
papers

447
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical imaging through dynamic turbid media using the Fourier-domain shower-curtain effect. <i>Optica</i> , 2016, 3, 71.	9.3	111
2	Memory-effect based deconvolution microscopy for super-resolution imaging through scattering media. <i>Scientific Reports</i> , 2016, 6, 33558.	3.3	111
3	Diffraction-Limited Plenoptic Imaging with Correlated Light. <i>Physical Review Letters</i> , 2017, 119, 243602.	7.8	51
4	Tunable Metasurface Using Thin-Film Lithium Niobate in the Telecom Regime. <i>ACS Photonics</i> , 2022, 9, 605-612.	6.6	49
5	Trap and track: designing self-reporting porous Si photonic crystals for rapid bacteria detection. <i>Analyst</i> , 2014, 139, 3885-3894.	3.5	42
6	Integration of spectral coronagraphy within VIPA-based spectrometers for high extinction Brillouin imaging. <i>Optics Express</i> , 2017, 25, 6895.	3.4	39
7	Brillouin micro-spectroscopy through aberrations via sensorless adaptive optics. <i>Applied Physics Letters</i> , 2018, 112, 163701.	3.3	14
8	Improving localization precision of Brillouin measurements using spectral autocorrelation analysis. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 10, 1742004.	1.0	9
9	Optical Focusing beyond the Diffraction Limit via Vortex-Assisted Transient Microlenses. <i>ACS Photonics</i> , 2020, 7, 914-918.	6.6	9
10	The overwhelming role of ballistic photons in ultrasonically guided light through tissue. <i>Nature Communications</i> , 2022, 13, 1873.	12.8	3
11	Chip-scale atomic wave-meter enabled by machine learning. <i>Science Advances</i> , 2022, 8, eabn3391.	10.3	3
12	A trade-off between speckle size and intensity enhancement of a focal point behind a scattering layer. <i>Scientific Reports</i> , 2019, 9, 11256.	3.3	2
13	Spectrally Gated Microscopy (SGM) with Meta Optics for Parallel Three-Dimensional Imaging. <i>ACS Nano</i> , 2021, 15, 17375-17383.	14.6	2
14	Adaptive optics in spectroscopy and densely labeled-fluorescence applications. <i>Optics Express</i> , 2018, 26, 33865.	3.4	2
15	Adaptive Optics for Brillouin Micro-Spectroscopy. , 2018, , .		0
16	Vortex-Assisted Transient Microlenses. <i>Optics and Photonics News</i> , 2020, 31, 45.	0.5	0