Ori Katz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6102590/publications.pdf

Version: 2024-02-01

24	2,668	430874	642732
papers	citations	18 h-index	23 g-index

24	24	24	1678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-invasive single-shot imaging through scattering layers and around corners via speckle correlations. Nature Photonics, 2014, 8, 784-790.	31.4	805
2	Looking around corners and through thin turbid layers in real time with scattered incoherent light. Nature Photonics, 2012, 6, 549-553.	31.4	462
3	Focusing and compression of ultrashort pulses through scattering media. Nature Photonics, 2011, 5, 372-377.	31.4	429
4	Reference-less measurement of the transmission matrix of a highly scattering material using a DMD and phase retrieval techniques. Optics Express, 2015, 23, 11898.	3.4	176
5	Noninvasive nonlinear focusing and imaging through strongly scattering turbid layers. Optica, 2014, 1, 170.	9.3	143
6	Real-time wavefront shaping through scattering media by all-optical feedback. Nature Photonics, 2013, 7, 919-924.	31.4	108
7	Polarization control of multiply scattered light through random media by wavefront shaping. Optics Letters, 2012, 37, 4663.	3.3	80
8	Deterministic control of broadband light through a multiply scattering medium via the multispectral transmission matrix. Scientific Reports, 2015, 5, 10347.	3.3	79
9	Spectral control of broadband light through random media by wavefront shaping. Optics Letters, 2012, 37, 3429.	3.3	56
10	Single-beam coherent Raman spectroscopy and microscopy via spectral notch shaping. Optics Express, 2010, 18, 22693.	3.4	44
11	Passive optical time-of-flight for non line-of-sight localization. Nature Communications, 2019, 10, 3343.	12.8	38
12	Noninvasive focusing through scattering layers using speckle correlations. Optics Letters, 2019, 44, 143.	3.3	33
13	Controlling light in complex media beyond the acoustic diffraction-limit using the acousto-optic transmission matrix. Nature Communications, 2019, 10, 717.	12.8	31
14	New constraints on axion-like dark matter using a Floquet quantum detector. Science Advances, 2022, 8, eabl8919.	10.3	30
15	Two-photon lensless micro-endoscopy with in-situ wavefront correction. Optics Express, 2018, 26, 28808.	3.4	26
16	Depth-resolved speckle-correlations imaging through scattering layers via coherence gating. Optics Letters, 2018, 43, 5528.	3.3	25
17	Guidestar-free image-guided wavefront shaping. Science Advances, 2021, 7, .	10.3	23
18	Super-resolution photoacoustic and ultrasound imaging with sparse arrays. Scientific Reports, 2020, 10, 4637.	3.3	21

#	Article	IF	Citations
19	Multiple breakup of high-order spatial solitons. Optics Letters, 2008, 33, 2830.	3.3	17
20	Spatiotemporal focusing through a thin scattering layer. Optics Express, 2012, 20, 5189.	3.4	16
21	Acousto optic imaging beyond the acoustic diffraction limit using speckle decorrelation. Communications Physics, 2020, 3, .	5.3	14
22	Frequency-encoded multiplexed CARS microscopy by rapid pulse shaping. Journal of Modern Optics, 2014, 61, 872-876.	1.3	7
23	Pixel-reassignment in ultrasound imaging. Applied Physics Letters, 2021, 119, .	3.3	5
24	Coherent spatio-temporal control of pulsed light through multiple scattering media. , 2017, , .		0