

Ori Katz

List of Publications by Year in descending order

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

Version: 2024-02-01

24
papers

2,668
citations

430874

18
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	New constraints on axion-like dark matter using a Floquet quantum detector. <i>Science Advances</i> , 2022, 8, eabl8919.	10.3	30
2	Guidestar-free image-guided wavefront shaping. <i>Science Advances</i> , 2021, 7, .	10.3	23
3	Pixel-reassignment in ultrasound imaging. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	5
4	Acousto optic imaging beyond the acoustic diffraction limit using speckle decorrelation. <i>Communications Physics</i> , 2020, 3, .	5.3	14
5	Super-resolution photoacoustic and ultrasound imaging with sparse arrays. <i>Scientific Reports</i> , 2020, 10, 4637.	3.3	21
6	Passive optical time-of-flight for non line-of-sight localization. <i>Nature Communications</i> , 2019, 10, 3343.	12.8	38
7	Controlling light in complex media beyond the acoustic diffraction-limit using the acousto-optic transmission matrix. <i>Nature Communications</i> , 2019, 10, 717.	12.8	31
8	Noninvasive focusing through scattering layers using speckle correlations. <i>Optics Letters</i> , 2019, 44, 143.	3.3	33
9	Two-photon lensless micro-endoscopy with in-situ wavefront correction. <i>Optics Express</i> , 2018, 26, 28808.	3.4	26
10	Depth-resolved speckle-correlations imaging through scattering layers via coherence gating. <i>Optics Letters</i> , 2018, 43, 5528.	3.3	25
11	Coherent spatio-temporal control of pulsed light through multiple scattering media. , 2017, , .		0
12	Deterministic control of broadband light through a multiply scattering medium via the multispectral transmission matrix. <i>Scientific Reports</i> , 2015, 5, 10347.	3.3	79
13	Reference-less measurement of the transmission matrix of a highly scattering material using a DMD and phase retrieval techniques. <i>Optics Express</i> , 2015, 23, 11898.	3.4	176
14	Noninvasive nonlinear focusing and imaging through strongly scattering turbid layers. <i>Optica</i> , 2014, 1, 170.	9.3	143
15	Frequency-encoded multiplexed CARS microscopy by rapid pulse shaping. <i>Journal of Modern Optics</i> , 2014, 61, 872-876.	1.3	7
16	Non-invasive single-shot imaging through scattering layers and around corners via speckle correlations. <i>Nature Photonics</i> , 2014, 8, 784-790.	31.4	805
17	Real-time wavefront shaping through scattering media by all-optical feedback. <i>Nature Photonics</i> , 2013, 7, 919-924.	31.4	108
18	Polarization control of multiply scattered light through random media by wavefront shaping. <i>Optics Letters</i> , 2012, 37, 4663.	3.3	80

#	ARTICLE	IF	CITATIONS
19	Spectral control of broadband light through random media by wavefront shaping. Optics Letters, 2012, 37, 3429.	3.3	56
20	Spatiotemporal focusing through a thin scattering layer. Optics Express, 2012, 20, 5189.	3.4	16
21	Looking around corners and through thin turbid layers in real time with scattered incoherent light. Nature Photonics, 2012, 6, 549-553.	31.4	462
22	Focusing and compression of ultrashort pulses through scattering media. Nature Photonics, 2011, 5, 372-377.	31.4	429
23	Single-beam coherent Raman spectroscopy and microscopy via spectral notch shaping. Optics Express, 2010, 18, 22693.	3.4	44
24	Multiple breakup of high-order spatial solitons. Optics Letters, 2008, 33, 2830.	3.3	17