

Tao Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4931361/publications.pdf>

Version: 2024-02-01

22
papers

283
citations

1040056

9
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	100% correlation of chaotic thermal light. <i>Physical Review A</i> , 2013, 88, .	2.5	41
2	Delayed-Choice Quantum Eraser with Thermal Light. <i>Physical Review Letters</i> , 2014, 112, 180401.	7.8	36
3	Enhancing sensitivity of lateral flow assay with application to SARS-CoV-2. <i>Applied Physics Letters</i> , 2020, 117, 120601.	3.3	34
4	Super-resolution imaging using the spatial-frequency filtered intensity fluctuation correlation. <i>Scientific Reports</i> , 2016, 6, 38077.	3.3	32
5	Noise-robust computational ghost imaging with pink noise speckle patterns. <i>Physical Review A</i> , 2021, 104, .	2.5	25
6	Observation of anticorrelation in incoherent thermal light fields. <i>Physical Review A</i> , 2011, 84, .	2.5	17
7	Simulation of Bell states with incoherent thermal light. <i>New Journal of Physics</i> , 2011, 13, 083018.	2.9	12
8	Sub-Rayleigh second-order correlation imaging using spatially distributive colored noise speckle patterns. <i>Optics Express</i> , 2021, 29, 19621.	3.4	11
9	Sub-Nyquist computational ghost imaging with orthonormal spectrum-encoded speckle patterns. <i>Physical Review A</i> , 2022, 105, .	2.5	11
10	0.8% Nyquist computational ghost imaging via non-experimental deep learning. <i>Optics Communications</i> , 2022, 520, 128450.	2.1	11
11	Spatial interference between pairs of disjoint optical paths with a single chaotic source. <i>Optics Express</i> , 2017, 25, 6589.	3.4	10
12	Photon statistics of quantum light on scattering from rotating ground glass. <i>Physical Review A</i> , 2020, 101, .	2.5	10
13	Experimental controlled-NOT gate simulation with thermal light. <i>Scientific Reports</i> , 2016, 6, 30152.	3.3	9
14	Imaging through scattering media via spatial-temporal encoded pattern illumination. <i>Photonics Research</i> , 2022, 10, 1689.	7.0	9
15	Popper's experiment with randomly paired photons in thermal state. <i>Europhysics Letters</i> , 2015, 109, 14003.	2.0	7
16	Bell correlation of thermal fields in photon-number fluctuations. <i>Europhysics Letters</i> , 2015, 112, 60006.	2.0	4
17	Light and corona: guided-wave readout for coronavirus spike protein-host-receptor binding. <i>Optics Letters</i> , 2020, 45, 5428.	3.3	2
18	Thermal x-ray diffraction and near-field phase contrast imaging. <i>Europhysics Letters</i> , 2017, 120, 16003.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Entanglement generation and manipulation in the Hong-Ou-Mandel experiment: a hidden scenario beyond two-photon interference. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 125501.	1.5	1
20	Towards Non-Degenerate Quantum Lithography. Applied Sciences (Switzerland), 2018, 8, 1292.	2.5	0
21	Experimental demonstration of Rabi Oscillations produced by adiabatic pulse due to initial atomic coherence. , 2018, , .		0
22	Non-Invasive Imaging of Object Behind Scattering Media via Cross-Spectrum. IEEE Photonics Journal, 2022, 14, 1-5.	2.0	0