Wei-Tao Liu

List of Publications by Year
in descending order

41	937	471509 17	434195 31
papers	citations	h-index	g-index

41	41	41	628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Morphology and statistics of wide-spectrum speckles. Optics Express, 2022, 30, 874.	3.4	2
2	Simultaneously Tracking and Imaging a Moving Object under Photon Crisis. Physical Review Applied, 2022, 17, .	3.8	8
3	Influence of pulse characteristics on ghost imaging lidar system. Applied Optics, 2021, 60, 1623.	1.8	9
4	Enhancing robustness of ghost imaging against environment noise via cross-correlation in time domain. Optics Express, 2021, 29, 31068.	3.4	16
5	Denoising ghost imaging under a small sampling rate via deep learning for tracking and imaging moving objects. Optics Express, 2020, 28, 37284.	3.4	26
6	Optimal parameters for image reconstruction in ghost imaging via sparsity constraints. Optical Engineering, 2020, 59, .	1.0	1
7	Weak value amplification for nonunitary evolution. Physical Review A, 2019, 100, .	2.5	4
8	Robust holography of the temporal wave function via second-order interference. Physical Review A, 2019, 100, .	2.5	3
9	Tracking and imaging of moving objects with temporal intensity difference correlation. Optics Express, 2019, 27, 27851.	3.4	35
10	Gradual ghost imaging of moving objects by tracking based on cross correlation. Optics Letters, 2019, 44, 5594.	3.3	45
11	Ghost imaging normalized by second-order coherence. Optics Letters, 2019, 44, 5993.	3.3	22
12	Ghost imaging utilizing experimentally acquired degree of linear polarization with no prior information. Optics Express, 2019, 27, 28457.	3.4	2
13	Imaging through scattering layers exceeding memory effect range with spatial-correlation-achieved point-spread-function. Optics Letters, 2018, 43, 1670.	3.3	65
14	Detecting fast signals beyond bandwidth of detectors based on computational temporal ghost imaging. Optics Express, 2018, 26, 99.	3.4	29
15	Ultrasensitive inverse weak-value tilt meter. Optics Letters, 2017, 42, 2479.	3.3	28
16	Anomalous amplification of a homodyne signal via almost-balanced weak values. Optics Letters, 2017, 42, 903.	3.3	19
17	Discussions on advantages of ghost imaging compared to traditional optical imaging. , 2016, , .		3
18	Complementary weak-value amplification with concatenated postselections. Physical Review A, 2016, 94, .	2.5	11

#	Article	IF	Citations
19	Can Anomalous Amplification be Attained without Postselection?. Physical Review Letters, 2016, 116, 100803.	7.8	32
20	Multi-scale Adaptive Computational Ghost Imaging. Scientific Reports, 2016, 6, 37013.	3.3	25
21	Coprime frequency modulation on light field for correlation imaging. , 2016, , .		1
22	Second-order spatial correlation in the far-field: Comparing entangled and classical light sources. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 684-688.	2.1	0
23	Multi-receivers and sparse-pixel pseudo-thermal light source for compressive ghost imaging against turbulence. Inverse Problems in Science and Engineering, 2016, 24, 901-915.	1.2	2
24	Weak Values and Balanced Homodyne Detection Working Together. , 2016, , .		0
25	Sub-Rayleigh-diffraction imaging via modulating classical light. Optics Express, 2015, 23, 33506.	3.4	14
26	Is ghost imaging intrinsically more powerful against scattering?. Optics Express, 2015, 23, 32993.	3.4	95
27	Ghost imaging with non-negative exponential speckle patterns. Journal of Optics (United Kingdom), 2015, 17, 085602.	2.2	21
28	Lensless ghost interference with classical incoherent light. Optics Communications, 2015, 351, 135-139.	2.1	7
29	High-resolution interference with programmable classical incoherent light. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 1251.	1.5	3
30	Experimental Quantum State Tomography via Compressed Sampling. Physical Review Letters, 2012, 108, 170403.	7.8	64
31	Proof-of-principle experiment of a modified photon-number-splitting attack against quantum key distribution. Physical Review A, 2011, 83, .	2.5	16
32	Quantum secret sharing based on quantum error-correcting codes. Chinese Physics B, 2011, 20, 050309.	1.4	19
33	Double-grating polarizer for terahertz radiation with high extinction ratio. Applied Optics, 2010, 49, 2066.	2.1	17
34	Deterministic remote preparation of pure and mixed polarization states. Physical Review A, 2010, 81, .	2.5	72
35	Preparation and identification of two-photon positively-momentum-correlated entangled states. Physical Review A, 2009, 79, .	2.5	6
36	EXPERIMENTAL REALIZATION OF PROBABILISTIC REMOTE STATE PREPARATION. International Journal of Quantum Information, 2009, 07, 1233-1240.	1.1	1

#	Article	IF	Citations
37	Experimental realization of deterministic entanglement transformations of bipartite pure states. Optics Communications, 2009, 282, 2093-2096.	2.1	3
38	Remote state preparation with classically correlated state. Optics Communications, 2008, 281, 1751-1754.	2.1	16
39	Direct characterization of quantum dynamics with single-photon two-qubit states. Physical Review A, 2008, 77, .	2.5	13
40	Four-level entangled quantum heat engines. Physical Review A, 2007, 75, .	2.5	106
41	Experimental remote preparation of arbitrary photon polarization states. Physical Review A, 2007, 76, .	2.5	76