

# Wei-Tao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1667872/publications.pdf>

Version: 2024-02-01

41  
papers

937  
citations

471509

17  
h-index

434195

31  
g-index

41  
all docs

41  
docs citations

41  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-level entangled quantum heat engines. <i>Physical Review A</i> , 2007, 75, .	2.5	106
2	Is ghost imaging intrinsically more powerful against scattering?. <i>Optics Express</i> , 2015, 23, 32993.	3.4	95
3	Experimental remote preparation of arbitrary photon polarization states. <i>Physical Review A</i> , 2007, 76, .	2.5	76
4	Deterministic remote preparation of pure and mixed polarization states. <i>Physical Review A</i> , 2010, 81, .	2.5	72
5	Imaging through scattering layers exceeding memory effect range with spatial-correlation-achieved point-spread-function. <i>Optics Letters</i> , 2018, 43, 1670.	3.3	65
6	Experimental Quantum State Tomography via Compressed Sampling. <i>Physical Review Letters</i> , 2012, 108, 170403.	7.8	64
7	Gradual ghost imaging of moving objects by tracking based on cross correlation. <i>Optics Letters</i> , 2019, 44, 5594.	3.3	45
8	Tracking and imaging of moving objects with temporal intensity difference correlation. <i>Optics Express</i> , 2019, 27, 27851.	3.4	35
9	Can Anomalous Amplification be Attained without Postselection?. <i>Physical Review Letters</i> , 2016, 116, 100803.	7.8	32
10	Detecting fast signals beyond bandwidth of detectors based on computational temporal ghost imaging. <i>Optics Express</i> , 2018, 26, 99.	3.4	29
11	Ultrasensitive inverse weak-value tilt meter. <i>Optics Letters</i> , 2017, 42, 2479.	3.3	28
12	Denoising ghost imaging under a small sampling rate via deep learning for tracking and imaging moving objects. <i>Optics Express</i> , 2020, 28, 37284.	3.4	26
13	Multi-scale Adaptive Computational Ghost Imaging. <i>Scientific Reports</i> , 2016, 6, 37013.	3.3	25
14	Ghost imaging normalized by second-order coherence. <i>Optics Letters</i> , 2019, 44, 5993.	3.3	22
15	Ghost imaging with non-negative exponential speckle patterns. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 085602.	2.2	21
16	Quantum secret sharing based on quantum error-correcting codes. <i>Chinese Physics B</i> , 2011, 20, 050309.	1.4	19
17	Anomalous amplification of a homodyne signal via almost-balanced weak values. <i>Optics Letters</i> , 2017, 42, 903.	3.3	19
18	Double-grating polarizer for terahertz radiation with high extinction ratio. <i>Applied Optics</i> , 2010, 49, 2066.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Remote state preparation with classically correlated state. Optics Communications, 2008, 281, 1751-1754.	2.1	16
20	Proof-of-principle experiment of a modified photon-number-splitting attack against quantum key distribution. Physical Review A, 2011, 83, .	2.5	16
21	Enhancing robustness of ghost imaging against environment noise via cross-correlation in time domain. Optics Express, 2021, 29, 31068.	3.4	16
22	Sub-Rayleigh-diffraction imaging via modulating classical light. Optics Express, 2015, 23, 33506.	3.4	14
23	Direct characterization of quantum dynamics with single-photon two-qubit states. Physical Review A, 2008, 77, .	2.5	13
24	Complementary weak-value amplification with concatenated postselections. Physical Review A, 2016, 94, .	2.5	11
25	Influence of pulse characteristics on ghost imaging lidar system. Applied Optics, 2021, 60, 1623.	1.8	9
26	Simultaneously Tracking and Imaging a Moving Object under Photon Crisis. Physical Review Applied, 2022, 17, .	3.8	8
27	Lensless ghost interference with classical incoherent light. Optics Communications, 2015, 351, 135-139.	2.1	7
28	Preparation and identification of two-photon positively-momentum-correlated entangled states. Physical Review A, 2009, 79, .	2.5	6
29	Weak value amplification for nonunitary evolution. Physical Review A, 2019, 100, .	2.5	4
30	Experimental realization of deterministic entanglement transformations of bipartite pure states. Optics Communications, 2009, 282, 2093-2096.	2.1	3
31	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
32	Discussions on advantages of ghost imaging compared to traditional optical imaging. , 2016, , .		3
33	Robust holography of the temporal wave function via second-order interference. Physical Review A, 2019, 100, .	2.5	3
34	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
35	Ghost imaging utilizing experimentally acquired degree of linear polarization with no prior information. Optics Express, 2019, 27, 28457.	3.4	2
36	Morphology and statistics of wide-spectrum speckles. Optics Express, 2022, 30, 874.	3.4	2

#	ARTICLE	IF	CITATIONS
37	EXPERIMENTAL REALIZATION OF PROBABILISTIC REMOTE STATE PREPARATION. International Journal of Quantum Information, 2009, 07, 1233-1240.	1.1	1
38	Coprime frequency modulation on light field for correlation imaging. , 2016, , .		1
39	Optimal parameters for image reconstruction in ghost imaging via sparsity constraints. Optical Engineering, 2020, 59, .	1.0	1
40	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
41	Weak Values and Balanced Homodyne Detection Working Together. , 2016, , .		0