

Yanhua Shih

List of Publications by Year in descending order

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89
papers

7,807
citations

136950

32
h-index

98798

67
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89
all docs

89
docs citations

89
times ranked

3881
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Invasive Imaging of Object Behind Scattering Media via Cross-Spectrum. IEEE Photonics Journal, 2022, 14, 1-5.	2.0	0
2	Popper's Experiment. , 2021, , 37-51.		0
3	Entangled-photon interferometry for plasmas. Physics of Plasmas, 2021, 28, 060703.	1.9	0
4	Turbulence-free interference induced by the turbulence itself. APL Photonics, 2020, 5, 121302.	5.7	0
5	Two-photon X-ray ghost microscope. Optics Express, 2020, 28, 32249.	3.4	3
6	Initial assessment of multilayer silicon detectors for hard X-ray imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162414.	1.6	4
7	From optical to X-ray ghost imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 173-177.	1.6	6
8	Turbulence-free two-photon double-slit interference with coherent and incoherent light. Optics Express, 2019, 27, 33282.	3.4	3
9	Turbulence-Free Double-slit Interferometer. Physical Review Letters, 2018, 120, 063606.	7.8	34
10	Towards Non-Degenerate Quantum Lithography. Applied Sciences (Switzerland), 2018, 8, 1292.	2.5	0
11	Spatial interference between pairs of disjoint optical paths with a single chaotic source. Optics Express, 2017, 25, 6589.	3.4	10
12	The Physics of Turbulence-Free Ghost Imaging. Technologies, 2016, 4, 39.	5.1	12
13	Super-resolution imaging using the spatial-frequency filtered intensity fluctuation correlation. Scientific Reports, 2016, 6, 38077.	3.3	32
14	Experimental controlled-NOT gate simulation with thermal light. Scientific Reports, 2016, 6, 30152.	3.3	9
15	Bell correlation of thermal fields in photon-number fluctuations. Europhysics Letters, 2015, 112, 60006.	2.0	4
16	Popper's experiment with randomly paired photons in thermal state. Europhysics Letters, 2015, 109, 14003.	2.0	7
17	Noninvasive high resolving power entangled photon quantum microscope. Journal of Biomedical Optics, 2015, 20, 016008.	2.6	5
18	Delayed-Choice Quantum Eraser with Thermal Light. Physical Review Letters, 2014, 112, 180401.	7.8	36

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19	100% correlation of chaotic thermal light. <i>Physical Review A</i> , 2013, 88, .	2.5	41
20	Non-invasive high resolving power quantum microscope. , 2013, , .		1
21	Resolution enhancement of third-order thermal light ghost imaging in the photon counting regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 377.	2.1	20
22	Virtual ghost imaging through turbulence and obscurants using Bessel beam illumination. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	52
23	Virtual ghost imaging with Bessel beam illumination. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
24	Positive-negative turbulence-free ghost imaging. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	84
25	The Physics of Ghost Imaging. , 2012, , 169-222.		14
26	The physics of ghost imaging: nonlocal interference or local intensity fluctuation correlation?. <i>Quantum Information Processing</i> , 2012, 11, 995-1001.	2.2	31
27	Turbulence-free ghost imaging. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	234
28	Factoring numbers with a single interferogram. <i>Physical Review A</i> , 2011, 83, .	2.5	24
29	Simulation of Bell states with incoherent thermal light. <i>New Journal of Physics</i> , 2011, 13, 083018.	2.9	12
30	FACTORIZATION OF INTEGERS WITH MULTI-PATH OPTICAL INTERFERENCE. <i>International Journal of Quantum Information</i> , 2011, 09, 423-430.	1.1	1
31	Quantum ghost imaging. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
32	Two-color ghost imaging with enhanced angular resolving power. <i>Physical Review A</i> , 2010, 81, .	2.5	39
33	Third-order correlation function and ghost imaging of chaotic thermal light in the photon counting regime. <i>Physical Review A</i> , 2010, 81, .	2.5	61
34	Quantum sensor using two-color ghost imaging technology. , 2010, , .		0
35	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \text{th} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{-order}$ coherence of thermal light. <i>Physical Review A</i> , 2009, 79, .	2.5	59
36	New factorization algorithm based on a continuous representation of truncated Gauss sums. <i>Journal of Modern Optics</i> , 2009, 56, 2125-2132.	1.3	18

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37	The Physics of $2 \times 1+1$. The Western Ontario Series in Philosophy of Science, 2009, , 157-208.	0.2	0
38	Ghost-imaging experiment by measuring reflected photons. Physical Review A, 2008, 77, .	2.5	194
39	Quantum imaging of an obscured object by measurement of reflected photons. Proceedings of SPIE, 2008, , .	0.8	4
40	Resolution of ghost imaging for nondegenerate spontaneous parametric down-conversion. Physical Review A, 2008, 78, .	2.5	41
41	TWO-PHOTON CORRELATION OF CHAOTIC LIGHT: A QUANTUM INTERFERENCE PHENOMENON. International Journal of Quantum Information, 2007, 05, 131-141.	1.1	0
42	The generation and temporal correlation measurement of triphoton. , 2007, , .		0
43	Transverse correlations in triphoton entanglement: Geometrical and physical optics. Physical Review A, 2007, 76, .	2.5	16
44	Transverse correlations in multiphoton entanglement. Physical Review A, 2007, 76, .	2.5	7
45	Quantum Imaging. , 2007, , .		0
46	A new two-photon ghost imaging experiment with distortion study. Journal of Modern Optics, 2007, 54, 2381-2392.	1.3	32
47	Quantum Imaging. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 1016-1030.	2.9	120
48	The physics of $2 \times 1 + 1$. Frontiers of Physics in China, 2007, 2, 125-152.	1.0	2
49	Quantum Imaging. , 2007, , .		2
50	Quantum Imaging and Lithography. , 2007, , .		0
51	Can Two-Photon Correlation of Chaotic Light Be Considered as Correlation of Intensity Fluctuations?. Physical Review Letters, 2006, 96, 063602.	7.8	262
52	Phase-conjugate mirror via two-photon thermal light imaging. Applied Physics Letters, 2006, 88, 061106.	3.3	110
53	Two-photon coherent and incoherent imaging. , 2005, , JTUC56.		0
54	Resolution of quantum and classical ghost imaging. Physical Review A, 2005, 72, .	2.5	74

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55	Two-Photon Imaging with Thermal Light. <i>Physical Review Letters</i> , 2005, 94, 063601.	7.8	676
56	Distant clock synchronization using entangled photon pairs. <i>Applied Physics Letters</i> , 2004, 85, 2655-2657.	3.3	141
57	Identifying Entanglement Using Quantum Ghost Interference and Imaging. <i>Physical Review Letters</i> , 2004, 92, 233601.	7.8	163
58	Experimental study of the momentum correlation of a pseudothermal field in the photon-counting regime. <i>Physical Review A</i> , 2004, 70, .	2.5	62
59	Beyond the heisenberg uncertainty. <i>Journal of Modern Optics</i> , 2004, 51, 2369-2385.	1.3	0
60	Entangled photons. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2003, 9, 1455-1467.	2.9	68
61	Entangled biphoton source - property and preparation. <i>Reports on Progress in Physics</i> , 2003, 66, 1009-1044.	20.1	206
62	Remote spectral measurement using entangled photons. <i>Applied Physics Letters</i> , 2003, 83, 5560-5562.	3.3	53
63	Experimental entanglement concentration and universal Bell-state synthesizer. <i>Physical Review A</i> , 2003, 67, .	2.5	84
64	Quantum imaging versus its classical simulation. , 2003, , .		0
65	Quantum teleportation with a complete Bell state measurement. <i>Journal of Modern Optics</i> , 2002, 49, 221-236.	1.3	17
66	QUANTUM INFORMATION Quantum imaging, quantum lithography and the uncertainty principle. <i>Journal of Modern Optics</i> , 2002, 49, 2275-2287.	1.3	10
67	Quantum Teleportation with Complete Set Bell State Measurement. , 2002, , .		0
68	Entangled Two-Photon Wave Packet in a Dispersive Medium. <i>Physical Review Letters</i> , 2002, 88, 183601.	7.8	108
69	Quantum Teleportation of a Polarization State with a Complete Bell State Measurement. <i>Physical Review Letters</i> , 2001, 86, 1370-1373.	7.8	523
70	Two-Photon Diffraction and Quantum Lithography. <i>Physical Review Letters</i> , 2001, 87, 013602.	7.8	550
71	Interferometric Bell-state preparation using femtosecond-pulse-pumped spontaneous parametric down-conversion. <i>Physical Review A</i> , 2001, 63, .	2.5	65
72	Bell-state preparation using pulsed nondegenerate two-photon entanglement. <i>Physical Review A</i> , 2001, 63, .	2.5	61

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73	Comment on "Dispersion-Independent High-Visibility Quantum Interference in Ultrafast Parametric Down-Conversion", Physical Review Letters, 2001, 86, 4710-4710.	7.8	7
74	Quantum Interference by Two Temporally Distinguishable Pulses. Fortschritte Der Physik, 2000, 48, 505-510.	4.4	0
75	Experimental Realization of Popper's Experiment - Violation of The Uncertainty Principle?. Fortschritte Der Physik, 2000, 48, 463-471.	4.4	10
76	Temporal indistinguishability and quantum interference. Physical Review A, 2000, 62, .	2.5	17
77	High-intensity pulsed source of space-time and polarization double-entangled photon pairs. Physical Review A, 2000, 62, .	2.5	62
78	First-order interference of nonclassical light emitted spontaneously at different times. Physical Review A, 2000, 61, .	2.5	14
79	Delayed "Choice" Quantum Eraser. Physical Review Letters, 2000, 84, 1-5.	7.8	396
80	Quantum interference by two temporally distinguishable pulses. Physical Review A, 1999, 60, R37-R40.	2.5	17
81	Experimental study of a subsystem in an entangled two-photon state. Physical Review A, 1999, 60, 2685-2688.	2.5	26
82	Experimental Realization of Popper's Experiment: Violation of the Uncertainty Principle?. Foundations of Physics, 1999, 29, 1849-1861.	1.3	67
83	Two-Photon Entanglement and Quantum Reality. Advances in Atomic, Molecular and Optical Physics, 1999, , 1-42.	2.3	10
84	Two-photon interference from separate pulses. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 507-511.	2.1	9
85	Theory of the three-photon entangled state. Physical Review A, 1998, 57, 2076-2079.	2.5	46
86	Near-infrared response of photorefractive crystals (K _{0.5} Na _{0.5}) _{0.2} (Sr _{0.75} Ba _{0.25}) _{0.9} Nb ₂ O ₆ :Cu and LiNbO ₃ :Fe. Journal of Applied Physics, 1996, 79, 72-76.	2.5	3
87	New High-Intensity Source of Polarization-Entangled Photon Pairs. Physical Review Letters, 1995, 75, 4337-4341.	7.8	2,612
88	Quantum teleportation with a complete Bell state measurement. , 0, , .		0
89	Bell state preparation using pulsed non-degenerate two-photon entanglement. , 0, , .		0