Jianbin Liu

List of Publications by Year
in descending order

47 papers	560 citations	759233 12 h-index	642732 23 g-index
47 all docs	47 docs citations	47 times ranked	335 citing authors

#	Article	IF	Citations
1	Nth-order nonlinear intensity fluctuation amplifier. Optics Communications, 2022, 514, 128124.	2.1	0
2	Two-photon superbunching effect of broadband chaotic light at the femtosecond timescale based on a cascaded Michelson interferometer. Physical Review A, 2021, 103, .	2.5	6
3	Dynamic imaging of distant objects with ptychographical intensity interferometry. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2053.	2.1	4
4	Observing two-photon subwavelength interference of broadband chaotic light in a polarization-selective Michelson interferometer. Optics Express, 2021, 29, 30094.	3.4	2
5	Simple and efficient way to generate superbunching pseudothermal light. Optics Communications, 2021, 498, 127264.	2.1	2
6	Observing the different two-photon interference phenomena at ultrashort timescale with a series of polarizers based on two-photon absorption detection. , 2021, , .		0
7	All-Optical Naked-Eye Ghost Imaging. Scientific Reports, 2020, 10, 2493.	3.3	6
8	Three-Dimensional Imaging via Time-Correlated Single-Photon Counting. Applied Sciences (Switzerland), 2020, 10, 1930.	2.5	9
9	Controllable superbunching effect from four-wave mixing process in atomic vapor. Optics Express, 2020, 28, 21489.	3.4	2
10	Ultrahigh-Speed Color Imaging with Single-Pixel Detectors at Low Light Level. Physical Review Applied, 2019, 12, .	3.8	31
11	Superbunching pseudothermal light with intensity modulated laser light and rotating groundglass. Optics Communications, 2019, 437, 330-336.	2.1	6
12	Experimental observation of three-photon superbunching with classical light in a linear system. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 96.	2.1	6
13	Bi-frequency 3D ghost imaging with Haar wavelet transform. Optics Express, 2019, 27, 32349.	3.4	12
14	High visibility temporal ghost imaging with classical light. Optics Communications, 2018, 410, 824-829.	2.1	18
15	Measuring Hanbury Brown and Twiss Effect of Multi-Spatial-Mode Thermal Light at Ultrashort Timescale by Two-Photon Absorption. IEEE Photonics Journal, 2018, 10, 1-16.	2.0	3
16	Towards Non-Degenerate Quantum Lithography. Applied Sciences (Switzerland), 2018, 8, 1292.	2.5	0
17	De-noising ghost imaging via principal components analysis and compandor. Optics and Lasers in Engineering, 2018, 110, 236-243.	3.8	10
18	Ptychographical intensity interferometry imaging with incoherent light. Optics Express, 2018, 26, 20396.	3.4	7

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19	Second-order temporal interference of two independent light beams at an asymmetrical beam splitter. Chinese Physics B, 2017, 26, 014201.	1.4	4
20	Imaging around corners with single-pixel detector by computational ghost imaging. Optik, 2017, 147, 136-142.	2.9	9
21	Ultrafast direct measurement of HBT effect by two-photon absorption based on Feynman's path-integral theory. , 2017, , .		1
22	Ultrafast direct measurement of HBT effect between different modes by two-photon absorption. , 2017, , .		1
23	Underwater computational ghost imaging. Optics Express, 2017, 25, 22859.	3.4	73
24	Photon superbunching of classical light in the Hanbury Brownâ€“Twiss interferometer. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2081.	2.1	14
25	Superbunching pseudothermal light. Physical Review A, 2017, 95, .	2.5	38
26	Second-order fermionic interference with independent photons. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1215.	2.1	2
27	Studying fermionic ghost imaging with independent photons. Optics Express, 2016, 24, 29226.	3.4	3
28	Second-order interference of two independent and tunable single-mode continuous-wave lasers. Chinese Physics B, 2016, 25, 034203.	1.4	8
29	Transient first-order interference of two independent thermal light beams. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 643.	2.1	0
30	Studying the optical second-order interference pattern formation process with classical light in the photon counting regime. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 2431.	1.5	0
31	Two-photon interference with non-identical photons. Optics Communications, 2015, 354, 79-83.	2.1	6
32	The second-order interference of two independent single-mode Heâ€“Ne lasers. Optics Communications, 2015, 350, 196-201.	2.1	8
33	The first- and second-order temporal interference between thermal and laser light. Optics Express, 2015, 23, 11868.	3.4	9
34	Transient first-order interference of two independent thermal light beams. , 2014, , .		0
35	Changing correlation into anticorrelation by superposing thermal and laser light. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1481.	1.5	1
36	The second-order interference between laser and thermal light. Europhysics Letters, 2014, 105, 64007.	2.0	19

#	Article	IF	Citations
37	Experimental study of the second-order coherence of partially polarized thermal light. Optics Communications, 2014, 317, 18-23.	2.1	11
38	Spatial second-order interference of pseudothermal light in a Hong-Ou-Mandel interferometer. Optics Express, 2013, 21, 19209.	3.4	33
39	Resolution enhancement of third-order thermal light ghost imaging in the photon counting regime. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 377.	2.1	20
40	Two-photon superbunching of thermal light via multiple two-photon path interference. Physical Review A, 2012, 86, .	2.5	22
41	Two-photon super bunching of thermal light. , 2012, , .		0
42	Observation on the incompatibility between the first-order and second-order interferences with laser beams. Optics Communications, 2011, 284, 2658-2661.	2.1	9
43	Unified interpretation for second-order subwavelength interference based on Feynmanâ€™s path-integral theory. Physical Review A, 2010, 82, .	2.5	25
44	Third-order correlation function and ghost imaging of chaotic thermal light in the photon counting regime. Physical Review A, 2010, 81, .	2.5	61
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mtext>th</mml:mtext></mml:mrow></mml:math>-order coherence of thermal light. Physical Review A, 2009, 79, .	2.5	59
46	Observation of Nontrivial 3-Photon Correlation of Chaotic Thermal Light. , 2009, , .		0
47	Theoretical analysis of a polarized two-photon Michelson interferometer with broadband chaotic light. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	0