

# Jingzhen Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

284

citations

8

h-index

13

g-index

89

ext. papers

380

ext. citations

3.1

avg. IF

3.73

L-index

#	Paper	IF	Citations
67	Families of gap solitons and their complexes in media with saturable nonlinearity and fractional diffraction. <i>Nonlinear Dynamics</i> , <b>2022</b> , 108, 1671-1680	5	3
66	Quadratic fractional solitons. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 154, 111586	9.3	1
65	Families of fundamental and multipole solitons in a cubic-quintic nonlinear lattice in fractional dimension. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 144, 110589	9.3	19
64	Localized modes and dark solitons sustained by nonlinear defects. <i>Optics Letters</i> , <b>2021</b> , 46, 2216-2219	3	8
63	Bubbles and W-shaped solitons in Kerr media with fractional diffraction. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 4253	5	7
62	Stable and oscillating solitons of (pmb {mathcal {PT}})-symmetric couplers with gain and loss in fractional dimension. <i>Nonlinear Dynamics</i> , <b>2021</b> , 103, 1831-1840	5	12
61	All-optical high spatial-temporal resolution photography with raster principle at 2 trillion frames per second. <i>Optics Express</i> , <b>2021</b> , 29, 27298-27308	3.3	2
60	Flat-floor bubbles, dark solitons, and vortices stabilized by inhomogeneous nonlinear media. <i>Nonlinear Dynamics</i> , <b>2021</b> , 106, 815-830	5	1
59	Solitons in spin-orbit-coupled systems with fractional spatial derivatives. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 152, 111406	9.3	5
58	The Development of the Temporal Measurements for Ultrashort Laser Pulses. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7401	2.6	1
57	Generation and imaging of a tunable ultrafast intensity-rotating optical field with a cycle down to femtosecond region. <i>High Power Laser Science and Engineering</i> , <b>2020</b> , 8,	4.3	3
56	High-spatial-resolution ultrafast framing imaging at 15 trillion frames per second by optical parametric amplification. <i>Advanced Photonics</i> , <b>2020</b> , 2,	8.1	11
55	Accurate reconstruction of electric field of ultrashort laser pulse with complete two-step phase-shifting. <i>High Power Laser Science and Engineering</i> , <b>2019</b> , 7,	4.3	4
54	Study of properties of metal-insulator-metal waveguide filter based on dual-coupler. <i>Applied Physics Express</i> , <b>2019</b> , 12, 092005	2.4	
53	Elliptic Optical Soliton in Anisotropic Nonlocal Competing Cubic-Quintic Nonlinear Media. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-11	1.8	5
52	Nonlocal logarithmic nonlinear optical soliton. <i>Optik</i> , <b>2018</b> , 172, 571-577	2.5	1
51	Common-path spectral interferometry for single-shot terahertz electro-optics detection: publisher's note. <i>Optics Letters</i> , <b>2018</b> , 43, 295	3	

50	Improved common-path spectral interferometer for single-shot terahertz detection. <i>Photonics Research</i> , <b>2018</b> , 6, 177	6	4
49	Hermite-Gaussian-like soliton in the nonlocal nonlinear fractional Schrödinger equation. <i>Europhysics Letters</i> , <b>2018</b> , 122, 64001	1.6	28
48	The propagation of spiraling elliptic sine soliton in nonlocal nonlinear media. <i>Results in Physics</i> , <b>2018</b> , 11, 436-439	3.7	1
47	Spiraling elliptic Laguerre-Gaussian soliton in isotropic nonlocal competing cubic-quintic nonlinear media. <i>Applied Physics B: Lasers and Optics</i> , <b>2018</b> , 124, 1	1.9	13
46	Tomographic reconstruction from a small number of projections by an efficient sum-product reasoning method. <i>Computational and Applied Mathematics</i> , <b>2017</b> , 36, 1559-1575		
45	A terahertz EO detector with large dynamical range, high modulation depth and signal-noise ratio. <i>Optics Communications</i> , <b>2017</b> , 391, 135-140	2	2
44	Common-path spectral interferometry for single-shot terahertz electro-optics detection. <i>Optics Letters</i> , <b>2017</b> , 42, 4263-4266	3	7
43	Two-step phase-shifting SPIDER. <i>Scientific Reports</i> , <b>2016</b> , 6, 33837	4.9	8
42	Low-loss Y-junction two-dimensional magneto-photonic crystals circulator using a ferrite cylinder. <i>Optics Communications</i> , <b>2016</b> , 369, 1-6	2	19
41	High-speed broadband slight-off digital holography based on simultaneous two-step Gouy phase shifting interferometry. <i>Optics Communications</i> , <b>2016</b> , 360, 46-51	2	1
40	Enhancing the output bandwidth of a chirped-pulse Ti:S multipass amplifier via optical rotatory dispersion. <i>Optics and Lasers in Engineering</i> , <b>2016</b> , 78, 86-90	4.6	3
39	Elliptic Hermite-Gaussian soliton in anisotropic strong nonlocal media. <i>Optics Communications</i> , <b>2016</b> , 359, 31-37	2	8
38	High Resolved Non-Collinear Idler Imaging via Type-II Angular Noncritical Phase-Matching. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 2685-2688	2.2	1
37	A single-frame full spatiotemporal field distribution measurement method. <i>Optik</i> , <b>2016</b> , 127, 11636-11643		
36	A compact SPIDER system based on a pair of 180° folding right-angle prisms stretcher with a modified reconstruction algorithm. <i>Optical and Quantum Electronics</i> , <b>2016</b> , 48, 1	2.4	4
35	Intra-cavity spectral shaping based on optical rotatory dispersion in a broadband Ti : S regenerative amplifier. <i>Laser Physics Letters</i> , <b>2015</b> , 12, 085301	1.5	8
34	Spatial vector soliton in nonlocal nonlinear media with exponential-decay response. <i>Optics Communications</i> , <b>2015</b> , 342, 61-67	2	3
33	Spatial optical soliton in (1 + 2)-dimensional synthetic nonlocal nonlinear media. <i>Optik</i> , <b>2015</b> , 126, 3567-3569		

32	Rotating wave packet caused by the superposition of two Bessel-Gauss beams. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 125602	1.7	3
31	. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-7	1.8	2
30	A simple and easily implemented design for an ultra-broadband variable phase compensator. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 035502	1.7	
29	Large phase difference of soliton-like mutually-trapped beam pairs in strong nonlocal media. <i>Optics Communications</i> , <b>2014</b> , 329, 119-124	2	2
28	High gain and high spatial resolution optical parametric amplification imaging under continuous-wave laser irradiation. <i>Laser Physics</i> , <b>2014</b> , 24, 045401	1.2	2
27	Upgrading optical information of rotating mirror cameras. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 113701	1.7	5
26	Hermite-Gaussian Vector soliton in strong nonlocal media. <i>Optics Communications</i> , <b>2014</b> , 333, 253-260	2	8
25	Modified THz electro-optic sampling for high optical modulation depth, large dynamical range, and low background noises. <i>Optics Letters</i> , <b>2014</b> , 39, 3778-81	3	5
24	A broadband Soleil-Babinet compensator for ultrashort light pulses. <i>Laser Physics Letters</i> , <b>2013</b> , 10, 125302	2.5	1
23	The deflected angle and reflected displacement of Airy beams. <i>Optik</i> , <b>2013</b> , 124, 6519-6522	2.5	3
22	Generalized Pseudo-Unit-Cell model for long-wavelength optical phonons of multinary mixed crystals: application to A(x)B(1-x)C(y)D(1-y) type mixed crystals. <i>Optics Express</i> , <b>2013</b> , 21, 11715-27	3.3	
21	Eliminating sign ambiguity for phase extraction from a single interferogram. <i>Optical Engineering</i> , <b>2013</b> , 52, 124102	1.1	2
20	1 kHz, 1.6 fs high energy femtosecond pulses with self-stabilized carrier-envelope phases. <i>Laser Physics Letters</i> , <b>2013</b> , 10, 125402	1.5	1
19	OPTICAL SPATIAL SOLITON IN STRONG NONLOCAL LOGARITHMIC MEDIUM. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2013</b> , 22, 1350026	0.8	
18	One-sided omnidirectional constant transmission between two isotropic media. <i>Optics Communications</i> , <b>2012</b> , 285, 1-4	2	4
17	High-efficiency intracavity second-harmonic enhancement for a few-cycle laser pulse train. <i>Journal of Optics (United Kingdom)</i> , <b>2012</b> , 14, 105202	1.7	1
16	A simple and compact design for multi-chromatic channel digital holography to record femtosecond order processes. <i>Journal of Optics (United Kingdom)</i> , <b>2012</b> , 14, 065205	1.7	
15	An Improved Implementation of Debit-interleaving. <i>Procedia Environmental Sciences</i> , <b>2011</b> , 11, 304-309		

14	Broadband terahertz generation through intracavity nonlinear optical rectification. <i>Optics Express</i> , <b>2010</b> , 18, 22625-30	3-3	4
13	Half-Brewster-prism pair for broadband mode-locked optical pulse compression. <i>Journal of Optics</i> , <b>2009</b> , 11, 065501		1
12	Time amplifying techniques towards atomic time resolution. <i>Science in China Series D: Earth Sciences</i> , <b>2009</b> , 52, 3425-3446		6
11	Negative reflection of waves at planar interfaces associated with a uniaxial medium. <i>Optics Letters</i> , <b>2009</b> , 34, 3283-5	3	8
10	Omnidirectional constant transmission and negative Brewster angle at planar interfaces associated with a uniaxial medium. <i>Optics Express</i> , <b>2009</b> , 17, 19791-7	3-3	7
9	A method for improving the resolution of reconstruction in multi-frame digital holography <b>2008</b> ,		1
8	Developments and achievements of optomechanical high-speed photography in China <b>2007</b> , 6279, 686		
7	Numerical prediction on static and dynamic properties for rotating mirror of ultra-high-speed photography <b>2007</b> ,		4
6	Implementing techniques of holography-based multiframe extreme high-speed photography <b>2005</b> , 5580, 860		
5	Studies on dynamic behavior of rotating mirrors <b>2005</b> ,		3
4	Studies on degree of freedom for high-speed photography <b>2005</b> ,		4
3	Huge group-velocity dispersion in a photonic crystal <b>2005</b> ,		1
2	Model S-150 ultrahigh-speed framing camera with continuous access <b>2003</b> , 4948, 336		4
1	Photonic bandgaps in two-dimensional short-range periodic structures. <i>Journal of Optics</i> , <b>2002</b> , 4, 23-28		4