

Wenjun Liu

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.

401
papers

10,591
citations

59
h-index

82
g-index

425
ext. papers

13,181
ext. citations

3.2
avg, IF

7.2
L-index

#	Paper	IF	Citations
401	Research progress of mode-locked pulsed fiber lasers with high damage threshold saturable absorber. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022 , 71, 024206	0.6	
400	Influence of Parameters of Optical Fibers on Optical Soliton Interactions. <i>Chinese Physics Letters</i> , 2022 , 39, 010501	1.8	24
399	Bi4Br4-based saturable absorber with robustness at high power for ultrafast photonic device. <i>Applied Physics Letters</i> , 2022 , 120, 053108	3.4	3
398	On the existence of chirped algebraic solitary waves in optical fibers governed by Kundu-Bäckhaus equation. <i>Results in Physics</i> , 2022 , 34, 105272	3.7	1
397	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. <i>Chaos, Solitons and Fractals</i> , 2022 , 155, 111751	9.3	2
396	Cubic-quartic optical soliton perturbation with complex Ginzburg-Landau equation by the enhanced Kudryashov's method. <i>Chaos, Solitons and Fractals</i> , 2022 , 155, 111748	9.3	6
395	Localized pulses in optical fibers governed by perturbed Fokas-Lenells equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022 , 421, 127782	2.3	1
394	Optical solitons in fiber Bragg gratings with cubic-quartic dispersive reflectivity by enhanced Kudryashov's approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022 , 422, 127797	2.3	6
393	The dynamic characteristics of pure-quartic solitons and soliton molecules. <i>Applied Mathematical Modelling</i> , 2022 , 102, 305-312	4.5	23
392	Exact analysis and elastic interaction of multi-soliton for a two-dimensional Gross-Pitaevskii equation in the Bose-Einstein condensation.. <i>Journal of Advanced Research</i> , 2022 , 38, 179-190	13	1
391	Controllable epitaxy of quasi-one-dimensional topological insulator Bi4Br4 for the application of saturable absorber. <i>Applied Physics Letters</i> , 2022 , 120, 093103	3.4	1
390	Vector Spatiotemporal Solitons and Their Memory Features in Cold Rydberg Gases. <i>Chinese Physics Letters</i> , 2022 , 39, 034202	1.8	10
389	Collisions of three higher order dark double- and single-hump solitons in optical fiber. <i>Chaos, Solitons and Fractals</i> , 2022 , 157, 111816	9.3	1
388	Watt-level all-fiber 1.7-fs picosecond synchronously pumped Raman laser. <i>Optik</i> , 2022 , 257, 168829	2.5	
387	New chirped gray and kink self-similar waves in presence of quintic nonlinearity and self-steepening effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022 , 437, 128104	2.3	0
386	Ternary Transition Metal Dichalcogenides for High Power Vector Dissipative Soliton Ultrafast Fiber Laser. <i>Laser and Photonics Reviews</i> , 2022 , 16, 2100255	8.3	16
385	Chirped Bright and Kink Solitons in Nonlinear Optical Fibers with Weak Nonlocality and Cubic-Quantic-Septic Nonlinearity. <i>Chinese Physics Letters</i> , 2022 , 39, 044202	1.8	10

384	Vanadium disulfide for ultrafast photonic application. <i>Nanotechnology</i> , 2021 , 32, 015202	3.4	4
383	Spontaneous n-Doping in Growing Monolayer MoS by Alkali Metal Compound-Promoted CVD. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 58144-58151	9.5	
382	Soliton Rectangular Pulses and Bound States in a Dissipative System Modeled by the Variable-Coefficients Complex Cubic-Quintic Ginzburg-Landau Equation. <i>Chinese Physics Letters</i> , 2021 , 38, 094201	1.8	41
381	Ternary transition metal dichalcogenides for passively Q-switched Er-doped fiber laser applications. <i>Optik</i> , 2021 , 248, 168096	2.5	3
380	Conservation laws for pure-cubic optical solitons with complex Ginzburg-Landau equation having several refractive index structures. <i>Results in Physics</i> , 2021 , 31, 104901	3.7	5
379	Optical properties and applications of SnS ₂ SAs with different thickness. <i>Opto-Electronic Advances</i> , 2021 , 4, 200029-200029	6.5	10
378	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear Schrödinger equation with the four-wave mixing term. <i>Nonlinear Dynamics</i> , 2021 , 104, 2613-2620	5	38
377	Propagation of chirped periodic and localized waves with higher-order effects through optical fibers. <i>Chaos, Solitons and Fractals</i> , 2021 , 146, 110873	9.3	9
376	Photonic device combined optical microfiber coupler with saturable-absorption materials and its application in mode-locked fiber laser. <i>Optics Express</i> , 2021 , 29, 20526-20534	3.3	20
375	Gray optical dips of Kundu-Mukherjee-Naskar model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 401, 127341	2.3	4
374	Ultrafast Photonics of Ternary ReNbS in Fiber Lasers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28721-28728	9.5	18
373	Molten-salt thermosynthesis of amorphous RuCoFe nanosheets as bifunctional catalysts for electrochemical water splitting. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	
372	Catalytic activity for hydrogen evolution reaction in square phase Janus MoSSe monolayer: A first-principles study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 126, 114485	3	1
371	Application of transition metal dichalcogenides in mid-infrared fiber laser. <i>Nano Select</i> , 2021 , 2, 37-46	3.1	5
370	Lattice-distorted lithiation behavior of a square phase Janus MoSSe monolayer for electrode applications. <i>Nanoscale Advances</i> , 2021 , 3, 2902-2910	5.1	3
369	The synergy of photodeposited CoNi co-catalysts for the photocatalytic performance of C ₃ N ₄ /CdS nanosheets: optimized Gibbs free energy and Co-N bridging bonds. <i>Catalysis Science and Technology</i> , 2021 , 11, 5579-5589	5.5	1
368	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. <i>Nonlinear Dynamics</i> , 2021 , 104, 629-637	5	21
367	Formation of chirped kink similaritons in non-Kerr media with varying Raman effect. <i>Results in Physics</i> , 2021 , 26, 104381	3.7	1

366	Nonlinear optical property and application of yttrium oxide in erbium-doped fiber lasers. <i>Optics Express</i> , 2021 , 29, 29402-29411	3-3	12
365	Controllable functionalization of carbon dots as fluorescent sensors for independent Cr(VI), Fe(III) and Cu(II) ions detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 417, 113359	4-7	10
364	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2021 , 106, 2479	5	22
363	The collision dynamics between double-hump solitons in two mode optical fibers. <i>Results in Physics</i> , 2021 , 28, 104618	3-7	3
362	Localized waves and mixed interaction solutions with dynamical analysis to the Gross-Pitaevskii equation in the Bose-Einstein condensate. <i>Nonlinear Dynamics</i> , 2021 , 106, 841-854	5	15
361	Algorithm for dark solitons with Radhakrishnan-Kundu-Akshmanan model in an optical fiber. <i>Results in Physics</i> , 2021 , 30, 104806	3-7	3
360	Chirped optical solitons having polynomial law of nonlinear refractive index with self-steepening and nonlinear dispersion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 417, 127698	2-3	3
359	Soliton-soliton interaction and its influence on soliton amplitude and period. <i>Results in Physics</i> , 2021 , 30, 104831	3-7	3
358	Multi-Scene Doppler Power Spectrum Modeling of LEO Satellite Channel Based on Atlas Fingerprint Method. <i>IEEE Access</i> , 2021 , 9, 11811-11822	3-5	1
357	WNbSe nanosheets for ultrafast photonics. <i>Nanoscale</i> , 2021 , 13, 2511-2518	7-7	37
356	Stable soliton propagation in a coupled (2 + 1) dimensional Ginzburg-Landau system. <i>Chinese Physics B</i> , 2020 , 29, 070502	1-2	30
355	Optical solitons in birefringent fibers with Radhakrishnan-Kundu-Akshmanan equation by a couple of strategically sound integration architectures. <i>Chinese Journal of Physics</i> , 2020 , 65, 341-354	3-5	9
354	Hafnium sulfide nanosheets for large energy passively Q-switched fiber laser application. <i>Optical Materials</i> , 2020 , 102, 109784	3-3	5
353	Darboux transformation for a generalized Ablowitz-Kaup-Newell-Segur hierarchy equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126394	2-3	10
352	Yttrium oxide as a Q-switcher for the near-infrared erbium-doped fiber laser. <i>Nanophotonics</i> , 2020 , 9, 2887-2894	6-3	2
351	Dark three-soliton for a nonlinear Schrödinger equation in inhomogeneous optical fiber. <i>Optik</i> , 2020 , 220, 165189	2-5	15
350	Multiple-soliton and lump-kink solutions for a generalized (3+1)-dimensional Kadomtsev-Petviashvili equation. <i>Results in Physics</i> , 2020 , 17, 103149	3-7	11
349	Carbon dot/carbon nitride composites fluorescent probe for the highly selective detection of Cr(VI) ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 400, 112711	4-7	8

348	Niobium disulfide as a new saturable absorber for an ultrafast fiber laser. <i>Nanoscale</i> , 2020 , 12, 4537-4543.	3.7	56
347	Recent Advances of 2D Materials in Nonlinear Photonics and Fiber Lasers. <i>Advanced Optical Materials</i> , 2020 , 8, 1901631	8.1	78
346	Controllable photodeposition of nickel phosphide cocatalysts on cadmium sulfide nanosheets for enhanced photocatalytic hydrogen evolution performance. <i>New Journal of Chemistry</i> , 2020 , 44, 4332-4339	3.6	12
345	Saturable absorption properties and femtosecond mode-locking application of titanium trisulfide. <i>Applied Physics Letters</i> , 2020 , 116, 061901	3.4	36
344	Ultrafast photonics of two dimensional AuTe ₂ Se _{4/3} in fiber lasers. <i>Communications Physics</i> , 2020 , 3,	5.4	66
343	Analysis of interaction between two solitons based on computerized symbolic computation. <i>Optik</i> , 2020 , 206, 164210	2.5	2
342	Layered AuTe ₂ Se _{4/3} for a stable nanosecond Q-switched fiber laser. <i>Optik</i> , 2020 , 204, 164231	2.5	4
341	Interactions among solitons for a fifth-order variable coefficient nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2020 , 100, 2797-2805	5	15
340	The mixed interaction of localized, breather, exploding and solitary wave for the (3+1)-dimensional Kadomtsev-Petviashvili equation in fluid dynamics. <i>Nonlinear Dynamics</i> , 2020 , 100, 1611-1619	5	11
339	The similarities and differences of different plane solitons controlled by (3+1) - Dimensional coupled variable coefficient system. <i>Journal of Advanced Research</i> , 2020 , 24, 167-173	13	33
338	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. <i>Nonlinear Dynamics</i> , 2020 , 100, 2817-2821	5	38
337	A TDOA and PDR Fusion Method for 5G Indoor Localization Based on Virtual Base Stations in Unknown Areas. <i>IEEE Access</i> , 2020 , 8, 225123-225133	3.5	6
336	2.8 μm passively Q-switched Er:ZBLAN fiber laser with an Sb saturable absorber mirror. <i>Applied Optics</i> , 2020 , 59, 9165-9168	1.7	6
335	SnSSe as a saturable absorber for an ultrafast laser with superior stability. <i>Optics Letters</i> , 2020 , 45, 419	3	46
334	Silver nanowires with different concentration for Q-switched fiber lasers. <i>Optical Materials Express</i> , 2020 , 10, 187	2.6	10
333	164 fs mode-locked erbium-doped fiber laser based on tungsten ditelluride. <i>Nanophotonics</i> , 2020 , 9, 2763-2769	6.3	4
332	VS ₂ as saturable absorber for Q-switched pulse generation. <i>Nanophotonics</i> , 2020 , 9, 2569-2576	6.3	13
331	The SnSSe SA with high modulation depth for passively Q-switched fiber laser. <i>Nanophotonics</i> , 2020 , 9, 2549-2555	6.3	6

330	Q-switched all-fiber laser based on titanium trisulfide. <i>Optik</i> , 2020 , 205, 164234	2.5	15
329	In situ preparation of 2D MoS nanosheets vertically supported on TiO/PVDF flexible fibers and their photocatalytic performance. <i>Nanotechnology</i> , 2020 , 31, 375606	3.4	7
328	Photothermal effect of Au nanoparticles and photothermal inactivation to saccharomyces cell. <i>Optik</i> , 2020 , 206, 163757	2.5	3
327	Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. <i>Results in Physics</i> , 2020 , 16, 102913	3.7	42
326	VSe2 nanosheets for ultrafast fiber lasers. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 1104-1109	7.1	59
325	Nonautonomous matter wave bright solitons in a quasi-1D Bose-Einstein condensate system with contact repulsion and dipole-dipole attraction. <i>Applied Mathematics and Computation</i> , 2020 , 371, 124951-7	2.7	4
324	Dromion-like structures and periodic wave solutions for variable-coefficients complex cubic-quintic Ginzburg-Landau equation influenced by higher-order effects and nonlinear gain. <i>Nonlinear Dynamics</i> , 2020 , 99, 1313-1319	5	94
323	Propagation properties of chirped optical similaritons with dual-power law nonlinearity. <i>Chaos, Solitons and Fractals</i> , 2020 , 140, 110158	9.3	7
322	LC-DNN: Local Connection Based Deep Neural Network for Indoor Localization With CSI. <i>IEEE Access</i> , 2020 , 8, 108720-108730	3.5	10
321	Chirped self-similar cnoidal waves and similaritons in an inhomogeneous optical medium with resonant nonlinearity. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110441	9.3	7
320	Nonlinear control for soliton interactions in optical fiber systems. <i>Nonlinear Dynamics</i> , 2020 , 101, 1215-1220	3.20	6
319	EF-Razor: An Effective Edge-Feature Processing Method in Visual SLAM. <i>IEEE Access</i> , 2020 , 8, 140798-140805	3.05	0
318	Some lump solutions for a generalized (3+1)-dimensional Kadomtsev-Petviashvili equation. <i>Applied Mathematics and Computation</i> , 2020 , 366, 124757	2.7	46
317	Opto-acoustic effect of Au nanoparticles in water under irradiation of pulse laser. <i>Optik</i> , 2020 , 202, 163513	2.3	3
316	Intrinsic-strain-induced curling of free-standing two-dimensional Janus MoSSe quantum dots. <i>Applied Surface Science</i> , 2020 , 519, 146251	6.7	4
315	Optical solitons for modulated compressional dispersive alfvén and heisenberg ferromagnetic spin chains. <i>Results in Physics</i> , 2019 , 15, 102714	3.7	10
314	C-Map: Hyper-Resolution Adaptive Preprocessing System for CSI Amplitude-Based Fingerprint Localization. <i>IEEE Access</i> , 2019 , 7, 135063-135075	3.5	5
313	Dark two-soliton solutions for nonlinear Schrödinger equations in inhomogeneous optical fibers. <i>Chinese Journal of Physics</i> , 2019 , 61, 310-315	3.5	12

312	W-shaped, bright and dark solitons of Biswas-Arshed equation. <i>Optik</i> , 2019 , 182, 227-232	2.5	51
311	Bright and singular optical solitons for Kaup-Newell equation with two fundamental integration norms. <i>Optik</i> , 2019 , 182, 594-597	2.5	21
310	High stable polarization-insensitive Er-doped Q-switched fiber laser with iron oxide nanoparticles as saturable absorber. <i>Optics and Laser Technology</i> , 2019 , 113, 379-383	4.2	8
309	CC-DTW: An Accurate Indoor Fingerprinting Localization Using Calibrated Channel State Information and Modified Dynamic Time Warping. <i>Sensors</i> , 2019 , 19,	3.8	6
308	Stable transmission of solitons in the complex cubic-quintic Ginzburg-Landau equation with nonlinear gain and higher-order effects. <i>Applied Mathematics Letters</i> , 2019 , 98, 171-176	3.5	46
307	Photocatalytic Behaviors of TiO ₂ Nanoblets Coated with MoS ₂ Nanosheets for Solar-Driven Photocatalysis. <i>ChemistrySelect</i> , 2019 , 4, 7260-7269	1.8	9
306	Analytic study on triple-S, triple-triangle structure interactions for solitons in inhomogeneous multi-mode fiber. <i>Applied Mathematics and Computation</i> , 2019 , 361, 325-331	2.7	37
305	Phase shift, oscillation and collision of the anti-dark solitons for the (3+1)-dimensional coupled nonlinear Schrödinger equation in an optical fiber communication system. <i>Nonlinear Dynamics</i> , 2019 , 97, 1253-1262	5	40
304	Multiple Soliton Solutions of the Sawada-Kotera Equation with a Nonvanishing Boundary Condition and the Perturbed Korteweg de Vries Equation by Using the Multiple Exp-Function Scheme. <i>Advances in Mathematical Physics</i> , 2019 , 2019, 1-5	1.1	5
303	Analytic study on the influences of higher-order effects on optical solitons in fiber laser. <i>Optik</i> , 2019 , 186, 326-331	2.5	39
302	Self-similar solitons in optical waveguides with dual-power law refractive index. <i>Laser Physics</i> , 2019 , 29, 075401	1.2	3
301	Optical solitons for non-Kerr law nonlinear Schrödinger equation with third and fourth order dispersions. <i>Chinese Journal of Physics</i> , 2019 , 60, 133-140	3.5	21
300	Control of dark and anti-dark solitons in the (2+1)-dimensional coupled nonlinear Schrödinger equations with perturbed dispersion and nonlinearity in a nonlinear optical system. <i>Nonlinear Dynamics</i> , 2019 , 97, 471-483	5	30
299	. <i>Journal of Lightwave Technology</i> , 2019 , 37, 3100-3105	4	57
298	Dark soliton control based on dispersion and nonlinearity for third-order nonlinear Schrödinger equation. <i>Optik</i> , 2019 , 184, 370-376	2.5	42
297	Hierarchically Porous MgMn ₂ O ₄ Microspheres Assembled with Nanosheets as High Oxygen Reduction Catalyst. <i>Catalysis Letters</i> , 2019 , 149, 1903-1910	2.8	2
296	Optical Nonlinearity of ZrS ₂ and Applications in Fiber Laser. <i>Nanomaterials</i> , 2019 , 9,	5.4	31
295	A Carbon-Dot-Based Fluorescent Probe for the Sensitive and Selective Detection of Copper(II) Ions. <i>ChemistrySelect</i> , 2019 , 4, 2392-2397	1.8	10

294	Invariant traveling wave solutions of parity-time-symmetric mixed linear-nonlinear optical lattices with three types of nonlinearity. <i>Laser Physics</i> , 2019 , 29, 045401	1.2	12
293	Thickness-Dependent Ultrafast Photonics of SnS ₂ Nanolayers for Optimizing Fiber Lasers. <i>ACS Applied Nano Materials</i> , 2019 , 2, 2697-2705	5.6	35
292	Analytic study on soliton solutions for a Dirac integrable equation. <i>Optik</i> , 2019 , 183, 869-874	2.5	2
291	W-shaped solitons in inhomogeneous cigar-shaped Bose-Einstein condensates with repulsive interatomic interactions. <i>Laser Physics</i> , 2019 , 29, 055401	1.2	11
290	Transformation of soliton states for a (2+1) dimensional fourth-order nonlinear Schrödinger equation in the Heisenberg ferromagnetic spin chain. <i>Laser Physics</i> , 2019 , 29, 035401	1.2	34
289	Optical solitons and conservation laws with polarization mode dispersion for coupled Fokas-Enells equation using group invariance. <i>Chaos, Solitons and Fractals</i> , 2019 , 120, 245-249	9.3	20
288	Relative entropy-based Kalman filter for seamless indoor/outdoor multi-source fusion positioning with INS/TC-OFDM/GNSS. <i>Cluster Computing</i> , 2019 , 22, 8351-8361	2.1	3
287	Analytic study on chirped optical solitons in nonlinear metamaterials with higher order effects. <i>Laser Physics</i> , 2019 , 29, 095402	1.2	24
286	Phase-shift controlling of three solitons in dispersion-decreasing fibers. <i>Nonlinear Dynamics</i> , 2019 , 98, 395-401	5	98
285	Propagation of chirped optical similaritons in inhomogeneous tapered centrosymmetric nonlinear waveguides doped with resonant impurities. <i>Laser Physics</i> , 2019 , 29, 085401	1.2	3
284	Lump and lump strip solutions to the (3 + 1)-dimensional generalized Kadomtsev-Petviashvili equation. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	15
283	M-typed dark soliton generation in optical fibers. <i>Optik</i> , 2019 , 193, 162997	2.5	8
282	Optical solitons with nonlocal-parabolic combo nonlinearity by Lie symmetry analysis coupled with modified G ² /G-expansion. <i>Results in Physics</i> , 2019 , 15, 102713	3.7	8
281	Interactions between M-typed dark solitons in nonlinear optics. <i>Optik</i> , 2019 , 198, 163170	2.5	4
280	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. <i>Nonlinear Dynamics</i> , 2019 , 98, 1491-1500	5	62
279	2D-2D heterostructured CdS/Cu ₂ O photocatalysts for efficient H ₂ evolution under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 27412-27420	6.7	22
278	Mechanism of Alkali Metal Compound-Promoted Growth of Monolayer MoS ₂ : Eutectic Intermediates. <i>Chemistry of Materials</i> , 2019 , 31, 873-880	9.6	39
277	An efficient edge-feature constraint visual SLAM 2019 ,		2

276	Soliton Solutions and Conservation Laws of a (3+1)-Dimensional Nonlinear Evolution Equation. <i>Acta Physica Polonica A</i> , 2019 , 135, 539-545	0.6	1
275	Nonlinear optical properties of MoS-WS heterostructure in fiber lasers. <i>Optics Express</i> , 2019 , 27, 6689-6699	3.3	78
274	Synthesis of high quality silver nanowires and their applications in ultrafast photonics. <i>Optics Express</i> , 2019 , 27, 16440-16448	3.3	59
273	Ferroferric-oxide nanoparticle based Q-switcher for a 1 fs region. <i>Optical Materials Express</i> , 2019 , 9, 731	2.6	28
272	Hafnium diselenide as a Q-switcher for fiber laser application. <i>Optical Materials Express</i> , 2019 , 9, 4597	2.6	12
271	Q-switched fiber laser operating at 1.5 fs based on WTe2. <i>Chinese Optics Letters</i> , 2019 , 17, 020006	2.2	28
270	Facile Preparation of Cadmium Gallate Nanoparticles as a Novel Photocatalyst with High Efficiency and Stability. <i>Nanoscience and Nanotechnology Letters</i> , 2019 , 11, 678-682	0.8	4
269	Full-duplex mobile fronthaul link for low- and high-frequency hybrid network architecture with colorless RRU based on analog radio over fiber technology. <i>Optical Engineering</i> , 2019 , 58, 1	1.1	
268	Intracavity-pumped Yb:YAG lasers using the 915-nm absorption line. <i>Optical Engineering</i> , 2019 , 58, 1	1.1	
267	Hydrothermal two-dimensionalisation to porous ZnCo2O4 nanosheets non-platinum ORR catalyst. <i>Micro and Nano Letters</i> , 2019 , 14, 665-668	0.9	1
266	Periodic attenuating oscillation between soliton interactions for higher-order variable coefficient nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2019 , 96, 801-809	5	56
265	Dromion-like soliton interactions for nonlinear Schrödinger equation with variable coefficients in inhomogeneous optical fibers. <i>Nonlinear Dynamics</i> , 2019 , 96, 729-736	5	55
264	Q-switched all-fiber laser based on MoSe2 films with chemical vapor deposition method. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019 , 28, 1950019	0.8	2
263	Survey on CSI-based Indoor Positioning Systems and Recent Advances 2019 ,		17
262	One-Step Hydrothermal Synthesis of P25 @ Few Layered MoS Nanosheets toward Enhanced Bi-catalytic Activities: Photocatalysis and Electrocatalysis. <i>Nanomaterials</i> , 2019 , 9,	5.4	4
261	A calibrated-RSSI/PDR/Map intergrated system based on a novel particle filter for indoor navigation 2019 ,		2
260	Chirped bright and double-kinked quasi-solitons in optical metamaterials with self-steepening nonlinearity. <i>Journal of Modern Optics</i> , 2019 , 66, 192-199	1.1	11
259	Generation and control of multiple solitons under the influence of parameters. <i>Nonlinear Dynamics</i> , 2019 , 95, 143-150	5	88

258	Propagation of chirped gray optical dips in nonlinear metamaterials. <i>Optics Communications</i> , 2019 , 430, 461-466	2	26
257	Exact chirped singular soliton solutions of Triki-Biswas equation. <i>Optik</i> , 2019 , 181, 338-342	2.5	65
256	Bright optical solitons of Chen-Lee-Liu equation with improved Adomian decomposition method. <i>Optik</i> , 2019 , 181, 964-970	2.5	16
255	Nonlinear control of M-typed solitons in dispersion management systems. <i>Optik</i> , 2019 , 179, 624-627	2.5	8
254	Interactions between M-typed solitons based on nonlinear optimization in dispersion management systems. <i>Optik</i> , 2019 , 182, 144-147	2.5	4
253	Solitons in optical fiber Bragg gratings with dispersive reflectivity. <i>Optik</i> , 2019 , 182, 119-123	2.5	25
252	Bright soliton interactions in a $(2 + \mathbf{1})$ -dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. <i>Nonlinear Dynamics</i> , 2019 , 95, 983-994	5	31
251	Stable propagation of optical solitons in fiber lasers by using symbolic computation. <i>Optik</i> , 2019 , 178, 142-145	2.5	6
250	Phase shift, amplification, oscillation and attenuation of solitons in nonlinear optics. <i>Journal of Advanced Research</i> , 2019 , 15, 69-76	13	97
249	One-soliton shaping and two-soliton interaction in the fifth-order variable-coefficient nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2019 , 95, 369-380	5	68
248	Interaction properties of solitonics in inhomogeneous optical fibers. <i>Nonlinear Dynamics</i> , 2019 , 95, 557-563	5.63	91
247	Tungsten diselenide for all-fiber lasers with the chemical vapor deposition method. <i>Nanoscale</i> , 2018 , 10, 7971-7977	7.7	78
246	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018 , 24, 1-5	3.8	22
245	Analytic study on interactions of some types of solitary waves. <i>Optik</i> , 2018 , 164, 132-137	2.5	24
244	Optical solitons with differential group delay and four-wave mixing using two integration procedures. <i>Optik</i> , 2018 , 167, 170-188	2.5	18
243	Sub pico-second pulses in mono-mode optical fibers with Kaup-Newell equation by a couple of integration schemes. <i>Optik</i> , 2018 , 167, 121-128	2.5	103
242	Q-switched all-fiber laser with short pulse duration based on tungsten diselenide. <i>Laser Physics</i> , 2018 , 28, 055104	1.2	16
241	Periodic oscillations of dark solitons in nonlinear optics. <i>Optik</i> , 2018 , 165, 341-344	2.5	40

240	Interactions of solitons, dromion-like structures and butterfly-shaped pulses for variable coefficient nonlinear Schrödinger equation. <i>Optik</i> , 2018 , 159, 21-30	2.5	16
239	Tungsten diselenide for mode-locked erbium-doped fiber lasers with short pulse duration. <i>Nanotechnology</i> , 2018 , 29, 174002	3.4	68
238	Anti-dark soliton interactions for the variable-coefficient nonlinear Schrödinger equation. <i>Optik</i> , 2018 , 161, 217-220	2.5	5
237	Acoustic frequency vibration sensor based on tapered SMS fiber structure. <i>Sensors and Actuators A: Physical</i> , 2018 , 271, 243-250	3.9	8
236	An Unambiguous Tracking Technique for Sine-BOC(kn,n) Modulated GNSS Signals. <i>Wireless Personal Communications</i> , 2018 , 103, 1101-1112	1.9	3
235	Conservation laws for perturbed solitons in optical metamaterials. <i>Results in Physics</i> , 2018 , 8, 898-902	3.7	7
234	Bright, dark and W-shaped solitons with extended nonlinear Schrödinger's equation for odd and even higher-order terms. <i>Superlattices and Microstructures</i> , 2018 , 114, 53-61	2.8	39
233	Amplification, reshaping, fission and annihilation of optical solitons in dispersion-decreasing fiber. <i>Nonlinear Dynamics</i> , 2018 , 92, 203-213	5	57
232	Solitons in optical metamaterials having parabolic law nonlinearity with detuning effect and Raman scattering. <i>Optik</i> , 2018 , 164, 606-609	2.5	3
231	Optical solitons with differential group delay for coupled Fokas-Il'enells equation using two integration schemes. <i>Optik</i> , 2018 , 165, 74-86	2.5	86
230	Optical soliton perturbation with Fokas-Il'enells equation using three exotic and efficient integration schemes. <i>Optik</i> , 2018 , 165, 288-294	2.5	54
229	Optical solitons of Lakshmanan-Borsezian-Daniel model with a couple of nonlinearities. <i>Optik</i> , 2018 , 164, 414-423	2.5	41
228	Soliton structures in the (1+1)-dimensional Ginzburg-Landau equation with a parity-time-symmetric potential in ultrafast optics. <i>Chinese Physics B</i> , 2018 , 27, 030504	1.2	19
227	Optical soliton perturbation with fractional temporal evolution by generalized Kudryashov's method. <i>Optik</i> , 2018 , 164, 303-310	2.5	12
226	Ultrashort pulse generation in mode-locked erbium-doped fiber lasers with tungsten disulfide saturable absorber. <i>Optics Communications</i> , 2018 , 406, 72-75	2	33
225	Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. <i>Journal of Modern Optics</i> , 2018 , 65, 179-184	1.1	47
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223	Nonlinear bi-integrable couplings of a generalized Kaup-Newell type soliton hierarchy. <i>Optik</i> , 2018 , 172, 1003-1011	2.5	7

222	Some types of dark soliton interactions in inhomogeneous optical fibers. <i>Optical and Quantum Electronics</i> , 2018 , 50, 1	2.4	26
221	Optical solitons with polarization-mode dispersion for coupled Fokas-Lenells equation with two forms of integration architecture. <i>Optical and Quantum Electronics</i> , 2018 , 50, 1	2.4	15
220	CVD-grown MoSe with high modulation depth for ultrafast mode-locked erbium-doped fiber laser. <i>Nanotechnology</i> , 2018 , 29, 394002	3.4	71
219	Propagation properties of dipole-managed solitons through an inhomogeneous cubic-quintic- β ptic medium. <i>Optics Communications</i> , 2018 , 425, 64-70	2	43
218	A novel scheme to suppress the third-order intermodulation distortion based on dual-parallel Mach-Zehnder modulator. <i>Photonic Network Communications</i> , 2018 , 36, 140-151	1.7	8
217	Sensitivity enhancement of optical fiber vibration sensor through encapsulation of acoustic Helmholtz resonator. <i>Optik</i> , 2018 , 169, 33-40	2.5	3
216	Integrated athermal arrayed-waveguide grating multiplexer and demultiplexer with all-metal compensating rod for broadband temperature application. <i>Applied Optics</i> , 2018 , 57, 6207-6212	1.7	3
215	Nonlinear optical properties of WSe ₂ and MoSe ₂ films and their applications in passively Q-switched erbium doped fiber lasers. <i>Photonics Research</i> , 2018 , 6, C15	6	64
214	MoS ₂ saturable absorber prepared by chemical vapor deposition method for nonlinear control in Q-switching fiber laser. <i>Chinese Physics B</i> , 2018 , 27, 084211	1.2	26
213	Analytic study on optical solitons in parity-time-symmetric mixed linear and nonlinear modulation lattices with non-Kerr nonlinearities. <i>Optik</i> , 2018 , 173, 249-262	2.5	19
212	The unified method for conformable time fractional Schrödinger equation with perturbation terms. <i>Chinese Journal of Physics</i> , 2018 , 56, 2500-2506	3.5	107
211	Optical solitons in birefringent fibers for Lakshmanan-Borsezian-Daniel model using $\exp(\eta(t))$ -expansion method. <i>Optik</i> , 2018 , 170, 555-560	2.5	24
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206	A Novel Multipath Mitigation Method Based on Fast Orthogonal Search (FOS) for Short-Delay Multipath with Zero Doppler Shift Difference. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 289-299	0.2	1
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201	Optical soliton perturbation for Gerdjikov-Divanov equation via two analytical techniques. <i>Chinese Journal of Physics</i> , 2018 , 56, 2879-2886	3.5	64
200	A Novel Carrier Loop Algorithm Based on Maximum Likelihood Estimation (MLE) and Kalman Filter (KF) for Weak TC-OFDM Signals. <i>Sensors</i> , 2018 , 18,	3.8	8
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189	Inelastic interaction between dark solitons for fourth-order variable-coefficient nonlinear Schrödinger equation. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 762-767	1.3	1
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177	Optical solitons of some fractional differential equations in nonlinear optics. <i>Journal of Modern Optics</i> , 2017 , 64, 2345-2349	1.1	33
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175	Conservation laws for cubic-quartic optical solitons in Kerr and power law media. <i>Optik</i> , 2017 , 145, 650-654	2.5	112
174	Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. <i>Optik</i> , 2017 , 145, 14-17	2.5	111
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