Milivoj R Belic

List of Publications by Year in Descending Order

511 papers	**11,096** citations	**51** h-index	**76** g-index
518 ext. papers	**13,314** ext. citations	**2.7** avg, IF	**7.03** L-index

#	Paper	IF	Citations
511	Higher-order breathers as quasi-rogue waves on a periodic background. *Nonlinear Dynamics*, **2022**, 107, 3819	5	0
510	Two-dimensional asymmetric Laguerre-Gaussian diffraction-free beams. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2022**, 423, 127818	2.3	2
509	Cubic-quartic solitons in couplers with optical metamaterials having triple-power law nonlinearity (sequel to polynomial law). *Optik*, **2022**, 250, 168264	2.5	0
508	Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system. *Chaos, Solitons and Fractals*, **2022**, 155, 111751	9.3	2
507	Localized pulses in optical fibers governed by perturbed Fokas-Lenells equation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2022**, 421, 127782	2.3	1
506	On different aspects of the optical rogue waves nature. *Nonlinear Dynamics*, **2022**, 108, 1655-1670	5	1
505	Families of gap solitons and their complexes in media with saturable nonlinearity and fractional diffraction. *Nonlinear Dynamics*, **2022**, 108, 1671-1680	5	3
504	Controllable two-dimensional diffraction-free polygon beams. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2022**, 432, 128009	2.3	1
503	Three-dimensional spatiotemporal nondiffracting parabolic cylinder beams. *Physical Review A*, **2021**, 104,	2.6	2
502	Cubic-quartic solitons in couplers with optical metamaterials having polynomial law of nonlinearity. *Optik*, **2021**, 248, 168087	2.5	5
501	Family of optical solitons for perturbed Fokas-Lenells equation. *Optik*, **2021**, 249, 168224	2.5	6
500	Optical soliton perturbation with Kudryashov's law of arbitrary refractive index. *Journal of Optics (India)*, **2021**, 50, 245-252	1.3	2
499	Optical soliton polarization with Lakshmanan-Porsezian-Daniel model by unified approach. *Results in Physics*, **2021**, 22, 103958	3.7	9
498	Optical soliton perturbation with Kudryashov's law of refractive index by modified sub-ODE approach. *Journal of Nonlinear Optical Physics and Materials*, **2021**, 30, 2150004	0.8	
497	Chirped super-Gaussian and super-sech pulse perturbation of nonlinear Schrödinger's equation with quadratic-cubic nonlinearity by variational principle. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 396, 127231	2.3	5
496	Breather solutions of the nonlocal nonlinear self-focusing Schrödinger equation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 395, 127228	2.3	6
495	Propagation of chirped periodic and localized waves with higher-order effects through optical fibers. *Chaos, Solitons and Fractals*, **2021**, 146, 110873	9.3	9

494	Cubic–quartic optical soliton perturbation with Lakshmanan–Porsezian–Daniel model. *Optik*, **2021**, 233, 166385	2.5	11
493	Cubic–quartic optical soliton perturbation in polarization-preserving fibers with Fokas–Lenells equation. *Optik*, **2021**, 234, 166543	2.5	11
492	Gray optical dips of Kundu-Mukherjee-Naskar model. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 401, 127341	2.3	4
491	Cubic–quartic optical solitons with Kudryashov's arbitrary form of nonlinear refractive index. *Optik*, **2021**, 238, 166747	2.5	7
490	Beam Steering Efficiency in Resonant Reflective Metasurfaces. *IEEE Journal of Selected Topics in Quantum Electronics*, **2021**, 27, 1-8	3.8	2
489	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. *Optik*, **2021**, 225, 165406	2.5	24
488	Gausson parameter dynamics in ENZ-material based waveguides using moment method. *Optik*, **2021**, 227, 165273	2.5	3
487	Circular Polarization Selective Metamaterial Absorber in Terahertz Frequency Range. *IEEE Journal of Selected Topics in Quantum Electronics*, **2021**, 27, 1-6	3.8	4
486	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by traveling waves and Adomian decomposition. *Optical and Quantum Electronics*, **2021**, 53, 1	2.4	1
485	Solitons and conservation laws in magneto–optic waveguides with generalized Kudryashov's equation. *Chinese Journal of Physics*, **2021**, 69, 186-205	3.5	17
484	Cubic–quartic optical soliton perturbation with Lakshmanan–Porsezian–Daniel model by sine-Gordon equation approach. *Journal of Optics (India)*, **2021**, 50, 322-329	1.3	14
483	Formation of chirped kink similaritons in non-Kerr media with varying Raman effect. *Results in Physics*, **2021**, 26, 104381	3.7	1
482	Cubic–quartic optical soliton perturbation with Fokas–Lenells equation by sine–Gordon equation approach. *Results in Physics*, **2021**, 26, 104409	3.7	4
481	Highly dispersive optical solitons and conservation laws with Kudryashov's sextic power-law of nonlinear refractive index. *Optik*, **2021**, 240, 166915	2.5	1
480	Solitons in nonlinear directional couplers with optical metamaterials by unified Riccati equation approach. *Optik*, **2021**, 241, 167244	2.5	8
479	Multipole solitons in cold atomic gases with parity-time potential. *Optik*, **2021**, 243, 167386	2.5	
478	Cubic–quartic solitons for twin-core couplers in optical metamaterials. *Optik*, **2021**, 245, 167632	2.5	4
477	Solitons in spin-orbit-coupled systems with fractional spatial derivatives. *Chaos, Solitons and Fractals*, **2021**, 152, 111406	9.3	5

476	Algorithm for dark solitons with Radhakrishnan–Kundu–Lakshmanan model in an optical fiber. *Results in Physics*, **2021**, 30, 104806	3.7	3
475	Chirped optical solitons having polynomial law of nonlinear refractive index with self-steepening and nonlinear dispersion. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 417, 127698	2.3	3
474	Cubic–quartic solitons in couplers with optical metamaterials having parabolic law nonlinearity. *Optik*, **2021**, 247, 167960	2.5	
473	Cubic–quartic solitons in couplers with optical metamaterials having dual-power law of nonlinearity. *Optik*, **2021**, 247, 167969	2.5	2
472	Stationary optical solitons with nonlinear chromatic dispersion having quadratic–cubic law of refractive index. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126606	2.3	9
471	Light propagation along a helical waveguide: variational approach. *Optical and Quantum Electronics*, **2020**, 52, 1	2.4	
470	Manipulation of Airy Beams in Dynamic Parabolic Potentials. *Annalen Der Physik*, **2020**, 532, 1900584	2.6	6
469	Optical solitons in birefringent fibers with Radhakrishnan–Kundu–Lakshmanan equation by a couple of strategically sound integration architectures. *Chinese Journal of Physics*, **2020**, 65, 341-354	3.5	9
468	Optical solitons in birefringent fibers for Radhakrishnan–Kundu–Lakshmanan equation with five prolific integration norms. *Optik*, **2020**, 208, 164550	2.5	17
467	Embedded solitons in the ((2+1))-dimensional sine-Gordon equation. *Nonlinear Dynamics*, **2020**, 100, 1519-1526	3.9	5
466	Self-frequency shift effect for chirped self-similar solitons in a tapered graded-indexed waveguide. *Optics Communications*, **2020**, 468, 125800	2	8
465	Cubic quintic Ginzburg Landau equation as a model for resonant interaction of EM field with nonlinear media. *Optical and Quantum Electronics*, **2020**, 52, 1	2.4	5
464	Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity. *Optik*, **2020**, 220, 165196	2.5	6
463	Optical soliton perturbation with Chen–Lee–Liu equation. *Optik*, **2020**, 220, 165177	2.5	19
462	Transient optical response of cold Rydberg atoms with electromagnetically induced transparency. *Physical Review A*, **2020**, 101,	2.6	12
461	Excitations of nonlinear local waves described by the sinh-Gordon equation with a variable coefficient. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126264	2.3	2
460	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. *Applied Mathematics Letters*, **2020**, 106, 106230	3.5	24
459	Optical solitons with generalized anti-cubic nonlinearity by Lie symmetry. *Optik*, **2020**, 206, 163638	2.5	17

#	Reference		
458	Solitons in magneto-optic waveguides with quadratic-cubic nonlinearity. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126456	2.3	15
457	Optical solitons in fiber Bragg gratings with generalized anti-cubic nonlinearity by extended auxiliary equation. *Chinese Journal of Physics*, **2020**, 65, 613-628	3.5	15
456	Parity-time symmetry light bullets in a cold Rydberg atomic gas. *Optics Express*, **2020**, 28, 16322-16332	3.3	22
455	Depth distribution of organic matter concentration and stocks in soils of Vojvodina. *Zbornik Matice Srpske Za Prirodne Nauke*, **2020**, 19-29	0.3	
454	Solitons in fiber Bragg gratings with cubic-quartic dispersive reflectivity having Kerr law of nonlinear refractive index. *Journal of Nonlinear Optical Physics and Materials*, **2020**, 29, 2050011	0.8	
453	Cubic-quartic solitons in couplers with optical metamaterials having power law of refractive index. *Journal of Nonlinear Optical Physics and Materials*, **2020**, 29, 2050009	0.8	
452	Dispersive optical dromions and domain walls with a few golden integration formulae. *Optik*, **2020**, 202, 163439	2.5	5
451	Cubic-quartic bright optical solitons with improved Adomian decomposition method. *Journal of Advanced Research*, **2020**, 21, 161-167	13	33
450	Solitons in the two-dimensional fractional Schrödinger equation with radially symmetric PT potential. *Optik*, **2020**, 202, 163652	2.5	3
449	Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. *Results in Physics*, **2020**, 16, 102913	3.7	42
448	Optical solitons with complex Ginzburg-Landau equation having a plethora of nonlinear forms with a couple of improved integration norms. *Optik*, **2020**, 207, 163804	2.5	15
447	Localized dynamical behavior in the (2+1)-dimensional sine-Gordon equation. *Optik*, **2020**, 204, 164115	2.5	1
446	Optical solitons with differential group delay for complex Ginzburg-Landau equation. *Results in Physics*, **2020**, 16, 102888	3.7	10
445	Optical solitons with Chen-Lee-Liu equation by Lie symmetry. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126202	2.3	17
444	Optical solitons with differential group delay for complex Ginzburg-Landau equation having Kerr and parabolic laws of refractive index. *Optik*, **2020**, 202, 163737	2.5	9
443	Chirped and chirp-free optical solitons having generalized anti-cubic nonlinearity with a few cutting-edge integration technologies. *Optik*, **2020**, 206, 163745	2.5	10
442	Optical dromions, domain walls and conservation laws with Kundu-Mukherjee-Naskar equation via traveling waves and Lie symmetry. *Results in Physics*, **2020**, 16, 102850	3.7	23
441	Conservation laws for optical solitons with polynomial and triple-power laws of refractive index. *Optik*, **2020**, 202, 163476	2.5	6

440	Cubic–quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index. *Optik*, **2020**, 203, 163885	2.5	15
439	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. *Journal of Optics (India)*, **2020**, 49, 584-590	1.3	41
438	Optical soliton perturbation with exotic forms of nonlinear refractive index. *Optik*, **2020**, 223, 165329	2.5	2
437	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. *Optik*, **2020**, 223, 165445	2.5	12
436	Accessible solitons in three-dimensional parabolic cylindrical coordinates. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126914	2.3	3
435	Solitons in nonlinear directional couplers with optical metamaterials by first integral method. *Optik*, **2020**, 218, 165208	2.5	7
434	Stationary optical solitons with Sasa–Satsuma equation having nonlinear chromatic dispersion. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126721	2.3	13
433	Computational investigation of cobalt and copper bis (oxothiolene) complexes as an alternative for olefin purification. *Journal of Molecular Modeling*, **2020**, 26, 205	2	
432	Solitons in magneto-optic waveguides with anti-cubic nonlinearity. *Optik*, **2020**, 222, 165313	2.5	7
431	Pure-cubic optical soliton perturbation with full nonlinearity. *Optik*, **2020**, 222, 165394	2.5	12
430	Dark solitons in the inhomogeneous self-defocusing Kerr media. *Optik*, **2020**, 222, 165417	2.5	2
429	Solitons in magneto-optic waveguides with Kudryashov's law of refractive index. *Chaos, Solitons and Fractals*, **2020**, 140, 110129	9.3	23
428	Solitons in magneto-optic waveguides with parabolic law nonlinearity. *Optik*, **2020**, 222, 165314	2.5	2
427	Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity. *Optik*, **2020**, 223, 165397	2.5	0
426	A pen-picture of solitons and conservation laws in magneto-optic waveguides having quadratic-cubic law of nonlinear refractive index. *Optik*, **2020**, 223, 165330	2.5	10
425	Optical solitons in birefringent fibers with Lakshmanan–Porsezian–Daniel model by the aid of a few insightful algorithms. *Optik*, **2020**, 200, 163281	2.5	6
424	Optical solitons with Kudryashov's equation by extended trial function. *Optik*, **2020**, 202, 163290	2.5	35
423	Optical solitons in birefringent fibers having anti-cubic nonlinearity with a few prolific integration algorithms. *Optik*, **2020**, 200, 163229	2.5	11

422 — Optical solitons in birefringent fibers with quadratic-cubic refractive index by ?6-model expansion. *Optik*, **2020**, 202, 163620 — 2.5 — 9

421 — Conical Diffraction from Approximate Dirac Cone States in a Superhoneycomb Lattice. *Annalen Der Physik*, **2019**, 531, 1900295 — 2.6 — 1

420 — Optical soliton perturbation of Fokas-Lenells equation by the Laplace-Adomian decomposition algorithm. *Journal of the European Optical Society-Rapid Publications*, **2019**, 15, — 2.5 — 10

419 — New traveling wave and soliton solutions of the sine-Gordon equation with a variable coefficient. *Optik*, **2019**, 198, 163247 — 2.5 — 3

418 — Bright and singular optical solitons for Kaup-Newell equation with two fundamental integration norms. *Optik*, **2019**, 182, 594-597 — 2.5 — 21

417 — Electrically Tunable Metal-Semiconductor-Metal Terahertz Metasurface Modulators. *IEEE Journal of Selected Topics in Quantum Electronics*, **2019**, 25, 1-8 — 3.8 — 19

416 — Vortex solitons in Bose-Einstein condensates with spin-orbit coupling and Gaussian optical lattices. *Applied Mathematics Letters*, **2019**, 92, 15-21 — 3.5 — 8

415 — Highly dispersive optical solitons with cubic-quintic-septic law by exp-expansion. *Optik*, **2019**, 186, 321-325. — 2.5 — 29

414 — Optical solitons having anti-cubic nonlinearity with two integration architectures. *Chinese Journal of Physics*, **2019**, 60, 659-664 — 3.5 — 8

413 — Optical solitons in birefringent fibers with Lakshmanan-Porsezian-Daniel model by modified simple equation. *Optik*, **2019**, 192, 162899 — 2.5 — 19

412 — Optical soliton perturbation in parabolic law medium having weak non-local nonlinearity by a couple of strategic integration architectures. *Results in Physics*, **2019**, 13, 102334 — 3.7 — 4

411 — Optical soliton perturbation with quadratic-cubic nonlinearity by mapping methods. *Chinese Journal of Physics*, **2019**, 60, 632-637 — 3.5 — 11

410 — Talbot carpets by rogue waves of extended nonlinear Schrödinger equations. *Nonlinear Dynamics*, **2019**, 97, 1215-1225 — 5 — 2

409 — Self-similar solitons in optical waveguides with dual-power law refractive index. *Laser Physics*, **2019**, 29, 075401 — 1.2 — 3

408 — Highly dispersive optical solitons with non-local nonlinearity by exp-function. *Optik*, **2019**, 186, 288-292 — 2.5 — 28

407 — 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. *Nonlinear Dynamics*, **2019**, 97, 471-483 — 5 — 30

406 — Optical solitons in birefringent fibers having anti-cubic nonlinearity with exp-function. *Optik*, **2019**, 186, 363-368 — 2.5 — 12

405 — Highly dispersive optical solitons with quadratic-cubic law by exp-function. *Optik*, **2019**, 186, 431-435 — 2.5 — 20

404	Ab Initio Study of the Electronic, Vibrational, and Mechanical Properties of the Magnesium Diboride Monolayer. *Condensed Matter*, **2019**, 4, 37	1.8	4
403	Cubic-quartic optical soliton perturbation by semi-inverse variational principle. *Optik*, **2019**, 185, 45-49	2.5	22
402	Optical solitons in birefringent fibers having anti-cubic nonlinearity with extended trial function. *Optik*, **2019**, 185, 456-463	2.5	12
401	Optical solitons in fiber Bragg gratings with dispersive reflectivity for quadratic–cubic nonlinearity by extended trial function method. *Optik*, **2019**, 185, 50-56	2.5	20
400	Highly dispersive optical solitons with Kerr law nonlinearity by exp-function. *Optik*, **2019**, 185, 121-125	2.5	15
399	Optical solitons having anti-cubic nonlinearity with strategically sound integration architectures. *Optik*, **2019**, 185, 57-70	2.5	11
398	Optical solitons and other solutions with anti-cubic nonlinearity by Lie symmetry analysis and additional integration architectures. *Optik*, **2019**, 185, 30-38	2.5	15
397	W-shaped and bright optical solitons in negative indexed materials. *Chaos, Solitons and Fractals*, **2019**, 123, 101-107	9.3	20
396	Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. *Optik*, **2019**, 182, 897-906	2.5	57
395	Generation of spatiotemporal Airy-Bessel wave packets. *Optik*, **2019**, 183, 441-444	2.5	1
394	Optical solitons for Lakshmanan–Porsezian–Daniel model by Riccati equation approach. *Optik*, **2019**, 182, 922-929	2.5	18
393	Highly dispersive optical solitons with undetermined coefficients. *Optik*, **2019**, 182, 890-896	2.5	43
392	Visible light absorption of surface-modified Al2O3 powders: A comparative DFT and experimental study. *Microporous and Mesoporous Materials*, **2019**, 273, 41-49	5.3	11
391	Electronic structure of surface complexes between CeO2 and benzene derivatives: A comparative experimental and DFT study. *Materials Chemistry and Physics*, **2019**, 236, 121816	4.4	3
390	Propagation of chirped optical similaritons in inhomogeneous tapered centrosymmetric nonlinear waveguides doped with resonant impurities. *Laser Physics*, **2019**, 29, 085401	1.2	3
389	Nonlinear control of spatial Thirring vector solitons in electromagnetically induced transparency. *Optik*, **2019**, 193, 163029	2.5	1
388	Sub pico-second optical pulses in birefringent fibers for Kaup–Newell equation with cutting-edge integration technologies. *Results in Physics*, **2019**, 15, 102660	3.7	14
387	Optical solitons with nonlocal-parabolic combo nonlinearity by Lie symmetry analysis coupled with modified G?/G-expansion. *Results in Physics*, **2019**, 15, 102713	3.7	8

386	Optical solitons with Kudryashov's equation by F-expansion. *Optik*, **2019**, 199, 163338	2.5	21
385	Optical solitons with complex Ginzburg–Landau equation for two nonlinear forms using F-expansion. *Chinese Journal of Physics*, **2019**, 61, 255-261	3.5	27
384	Optical solitons with complex Ginzburg–Landau equation having three nonlinear forms. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2019**, 383, 126026	2.3	19
383	Dispersive solitons in optical fibers and DWDM networks with Schrödinger–Hirota equation. *Optik*, **2019**, 199, 163214	2.5	14
382	Generating Lieb and super-honeycomb lattices by employing the fractional Talbot effect. *Journal of the Optical Society of America B: Optical Physics*, **2019**, 36, 862	1.7	4
381	Asymmetric conical diffraction in dislocated edge-centered square lattices. *Optics Express*, **2019**, 27, 6300-6309	3.3	5
380	Asymmetric conical diffraction in dislocated edge-centered square lattices: erratum. *Optics Express*, **2019**, 27, 24498	3.3	
379	Highly dispersive optical solitons with quadratic-cubic law by F-expansion. *Optik*, **2019**, 182, 930-943	2.5	42
378	Adiabatic Vlasov theory of ultrastrong femtosecond laser pulse propagation in plasma. The scaling of ultrarelativistic quasi-stationary states: spikes, peakons, and bubbles. *Physics of Plasmas*, **2019**, 26, 123104	2.1	0
377	Chirped bright and double-kinked quasi-solitons in optical metamaterials with self-steepening nonlinearity. *Journal of Modern Optics*, **2019**, 66, 192-199	1.1	11
376	Generation and control of multiple solitons under the influence of parameters. *Nonlinear Dynamics*, **2019**, 95, 143-150	5	88
375	Propagation of chirped gray optical dips in nonlinear metamaterials. *Optics Communications*, **2019**, 430, 461-466	2	26
374	Topological insulator properties of photonic kagome helical waveguide arrays. *Results in Physics*, **2019**, 12, 996-1001	3.7	8
373	Multipole solitons in a cold atomic gas with a parity-time symmetric potential. *Nonlinear Dynamics*, **2019**, 95, 2325-2332	5	7
372	Breathers, solitons and rogue waves of the quintic nonlinear Schrödinger equation on various backgrounds. *Nonlinear Dynamics*, **2019**, 95, 2855-2865	5	13
371	Optical solitons in (2+1)–Dimensions with Kundu–Mukherjee–Naskar equation by extended trial function scheme. *Chinese Journal of Physics*, **2019**, 57, 72-77	3.5	55
370	Bright optical solitons for Lakshmanan–Porsezian–Daniel model with spatio-temporal dispersion by improved Adomian decomposition method. *Optik*, **2019**, 181, 891-897	2.5	12
369	Bright optical solitons of Chen-Lee-Liu equation with improved Adomian decomposition method. *Optik*, **2019**, 181, 964-970	2.5	16

368	Self-similar optical solitons with continuous-wave background in a quadratic-cubic non-centrosymmetric waveguide. *Optics Communications*, **2019**, 437, 392-398	2	24
367	Solitons in nonlinear directional couplers with optical metamaterials by exp(−Φ())-expansion. *Optik*, **2019**, 179, 443-462	2.5	15
366	Optical solitons pertutabation with Fokas-Lenells equation by exp(−Φ())-expansion method. *Optik*, **2019**, 179, 341-345	2.5	16
365	Dispersive solitons in optical metamaterials having parabolic form of nonlinearity. *Optik*, **2019**, 179, 1009-1018	2.5	10
364	Optical solitons for higher-order nonlinear Schrödinger's equation with three exotic integration architectures. *Optik*, **2019**, 179, 861-866	2.5	18
363	Resonant optical solitons with fractional temporal evolution by modified extended direct algebraic method. *Optik*, **2019**, 181, 1075-1079	2.5	3
362	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. *Optik*, **2019**, 182, 88-94	2.5	32
361	Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. *Optik*, **2019**, 181, 1028-1038	2.5	82
360	Solitons in optical fiber Bragg gratings with dispersive reflectivity. *Optik*, **2019**, 182, 119-123	2.5	25
359	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp(−Φ())-expansion. *Optik*, **2019**, 178, 439-448	2.5	34
358	Bright soliton interactions in a (mathbf (2 +mathbf 1))-dimensional fourth-order variable-coefficient nonlinear Schrödinger equation for the Heisenberg ferromagnetic spin chain. *Nonlinear Dynamics*, **2019**, 95, 983-994	5	31
357	Stochastic perturbation of optical Gaussons with bandpass filters and multi-photon absorption. *Optik*, **2019**, 178, 297-300	2.5	7
356	Conservation laws for optical solitons with non-local nonlinearity. *Optik*, **2019**, 178, 846-849	2.5	2
355	Stochastic perturbation of optical solitons having anti-cubic nonlinearity with bandpass filters and multi-photon absorption. *Optik*, **2019**, 178, 1120-1124	2.5	16
354	Optical solitons in birefringent fibers with Kundu-Eckhaus equation. *Optik*, **2019**, 178, 550-556	2.5	22
353	Optical solitons in birefringent fibers with weak non-local nonlinearity using two forms of integration architecture. *Optik*, **2019**, 178, 669-680	2.5	14
352	Chirped and chirp-free optical solitons with generalized anti-cubic nonlinearity by extended trial function scheme. *Optik*, **2019**, 178, 636-644	2.5	26
351	Optical soliton molecules in birefringent fibers having weak non-local nonlinearity and four-wave mixing with a couple of strategic integration architectures. *Optik*, **2019**, 179, 927-940	2.5	11

350	Optical solitons in birefringent fibers with quadratic–cubic nonlinearity by extended trial function scheme. *Optik*, **2019**, 176, 542-548	2.5	14
349	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended Jacobi's elliptic function expansion. *Optik*, **2019**, 178, 117-121	2.5	7
348	Optical solitons in birefringent fibers with quadratic–cubic nonlinearity by extended G?/G-expansion scheme. *Optik*, **2019**, 178, 59-65	2.5	20
347	Chirped singular and combo optical solitons for Chen–Lee–Liu equation with three forms of integration architecture. *Optik*, **2019**, 178, 172-177	2.5	14
346	Chirped envelope optical solitons for Kaup–Newell equation. *Optik*, **2019**, 177, 1-7	2.5	22
345	Interaction properties of solitonics in inhomogeneous optical fibers. *Nonlinear Dynamics*, **2019**, 95, 557-563	5	91
344	Optical solitons and group invariant solutions to Lakshmanan–Porsezian–Daniel model in optical fibers and PCF. *Optik*, **2018**, 160, 86-91	2.5	28
343	Formic Acid Synthesis by CO2 Hydrogenation over Single-Atom Catalysts Based on Ru and Cu Embedded in Graphene. *ChemistrySelect*, **2018**, 3, 2631-2637	1.8	19
342	Optical network topology with DWDM technology for log law medium. *Optik*, **2018**, 160, 353-360	2.5	12
341	Quasi-stable rotating solitons supported by a single spiraling waveguide. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	1
340	Solitons for perturbed Gerdjikov–Ivanov equation in optical fibers and PCF by extended Kudryashov's method. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	34
339	Optical solitons in parabolic law medium with weak non-local nonlinearity using modified extended direct algebraic method. *Optik*, **2018**, 161, 180-186	2.5	13
338	Dispersive optical solitons with Schrödinger–Hirota model by trial equation method. *Optik*, **2018**, 162, 35-41	2.5	31
337	Optical solitons with Lakshmanan–Porsezian–Daniel model by modified extended direct algebraic method. *Optik*, **2018**, 162, 228-236	2.5	29
336	Optical soliton perturbation with Radhakrishnan–Kundu–Lakshmanan equation by Lie group analysis. *Optik*, **2018**, 163, 137-141	2.5	34
335	Dispersive optical solitons with differential group delay by a couple of integration schemes. *Optik*, **2018**, 162, 108-120	2.5	16
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