Qin Zhou

List of Publications by Citations

328 papers	9,935 citations	54 h-index	75 g-index
332 ext. papers	12,378 ext. citations	2.9 avg, IF	7.14 L-index

#	Paper	IF	Citations
328	Optical soliton perturbation with fractional-temporal evolution by first integral method with conformable fractional derivatives. *Optik*, **2016**, 127, 10659-10669	2.5	119
327	Conservation laws for cubic–quartic optical solitons in Kerr and power law media. *Optik*, **2017**, 145, 650-654	2.5	112
326	Resonant 1-soliton solution in anti-cubic nonlinear medium with perturbations. *Optik*, **2017**, 145, 14-17	2.5	111
325	Optical solitons with complex Ginzburg–Landau equation. *Nonlinear Dynamics*, **2016**, 85, 1979-2016	5	110
324	Cubic–quartic optical solitons in Kerr and power law media. *Optik*, **2017**, 144, 357-362	2.5	108
323	The unified method for conformable time fractional Schrö-dinger equation with perturbation terms. *Chinese Journal of Physics*, **2018**, 56, 2500-2506	3.5	107
322	Optical solitons for Lakshmanan–Porsezian–Daniel model by modified simple equation method. *Optik*, **2018**, 160, 24-32	2.5	105
321	Sub pico-second pulses in mono-mode optical fibers with Kaup–Newell equation by a couple of integration schemes. *Optik*, **2018**, 167, 121-128	2.5	103
320	Optical solitons and conservation law of Kundu–Eckhaus equation. *Optik*, **2018**, 154, 551-557	2.5	101
319	Optical solitons with Biswas–Milovic equation by extended trial equation method. *Nonlinear Dynamics*, **2016**, 84, 1883-1900	5	101
318	Bright and dark Thirring optical solitons with improved adomian decomposition method. *Optik*, **2017**, 130, 1115-1123	2.5	99
317	Phase-shift controlling of three solitons in dispersion-decreasing fibers. *Nonlinear Dynamics*, **2019**, 98, 395-401	5	98
316	Optical solitons in parity-time-symmetric mixed linear and nonlinear lattice with non-Kerr law nonlinearity. *Superlattices and Microstructures*, **2017**, 109, 588-598	2.8	97
315	Analytical study of Thirring optical solitons with parabolic law nonlinearity and spatio-temporal dispersion. *European Physical Journal Plus*, **2015**, 130, 1	3.1	97
314	Phase shift, amplification, oscillation and attenuation of solitons in nonlinear optics. *Journal of Advanced Research*, **2019**, 15, 69-76	13	97
313	Solitons in magneto-optic waveguides by extended trial function scheme. *Superlattices and Microstructures*, **2017**, 107, 197-218	2.8	94
312	Dromion-like structures and periodic wave solutions for variable-coefficients complex cubic–quintic Ginzburg–Landau equation influenced by higher-order effects and nonlinear gain. *Nonlinear Dynamics*, **2020**, 99, 1313-1319	5	94

311	Analytic study on interactions between periodic solitons with controllable parameters. *Nonlinear Dynamics*, **2018**, 94, 703-709	5	94
310	Optical solitons with anti-cubic nonlinearity using three integration schemes. *Superlattices and Microstructures*, **2017**, 105, 1-10	2.8	93
309	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic□cubic nonlinearity. *Optik*, **2018**, 164, 84-92	2.5	92
308	Resonant optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. *Optik*, **2017**, 145, 18-21	2.5	92
307	Optical solitons in nano-fibers with spatio-temporal dispersion by trial solution method. *Optik*, **2016**, 127, 7250-7257	2.5	92
306	Interaction properties of solitonics in inhomogeneous optical fibers. *Nonlinear Dynamics*, **2019**, 95, 557-563	5	91
305	Optical soliton perturbation with anti-cubic nonlinearity by semi-inverse variational principle. *Optik*, **2017**, 143, 131-134	2.5	90
304	Bright, dark and singular optical solitons in a cascaded system. *Laser Physics*, **2015**, 25, 025402	1.2	89
303	Generation and control of multiple solitons under the influence of parameters. *Nonlinear Dynamics*, **2019**, 95, 143-150	5	88
302	Perturbation theory and optical soliton cooling with anti-cubic nonlinearity. *Optik*, **2017**, 142, 73-76	2.5	87
301	Optical solitons with differential group delay for coupled Fokas□lenells equation using two integration schemes. *Optik*, **2018**, 165, 74-86	2.5	86
300	Bright, dark, and singular solitons in optical fibers with spatio-temporal dispersion and spatially dependent coefficients. *Journal of Modern Optics*, **2016**, 63, 950-954	1.1	86
299	Optical soliton solutions to Fokas-lenells equation using some different methods. *Optik*, **2018**, 173, 21-31	1.5	85
298	Analytical study of solitons in non-Kerr nonlinear negative-index materials. *Nonlinear Dynamics*, **2016**, 86, 623-638	5	85
297	Optical solitons with anti-cubic nonlinearity by extended trial equation method. *Optik*, **2017**, 136, 368-373	2.5	83
296	Optical solitons in medium with parabolic law nonlinearity and higher order dispersion. *Waves in Random and Complex Media*, **2015**, 25, 52-59	1.9	82
295	Thirring combo-solitons with cubic nonlinearity and spatio-temporal dispersion. *Waves in Random and Complex Media*, **2016**, 26, 204-210	1.9	79
294	Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle. *Optik*, **2017**, 139, 16-19	2.5	76

293	Thirring optical solitons in birefringent fibers with spatio-temporal dispersion and Kerr law nonlinearity. *Laser Physics*, **2015**, 25, 015402	1.2	75
292	Optical soliton perturbation for Radhakrishnan–Kundu–Lakshmanan equation with a couple of integration schemes. *Optik*, **2018**, 163, 126-136	2.5	74
291	New exact solutions of nonlinear conformable time-fractional Phi-4 equation. *Chinese Journal of Physics*, **2018**, 56, 2805-2816	3.5	73
290	Hyperbolic rational solutions to a variety of conformable fractional Boussinesq-Like equations. *Nonlinear Engineering*, **2019**, 8, 224-230	3	69
289	Exact optical solitons in metamaterials with cubic–quintic nonlinearity and third-order dispersion. *Nonlinear Dynamics*, **2015**, 80, 1365-1371	5	69
288	Optical soliton perturbation for complex Ginzburg–Landau equation with modified simple equation method. *Optik*, **2018**, 158, 399-415	2.5	68
287	One-soliton shaping and two-soliton interaction in the fifth-order variable-coefficient nonlinear Schrödinger equation. *Nonlinear Dynamics*, **2019**, 95, 369-380	5	68
286	Scalable one-step synthesis of N,S co-doped graphene-enhanced hierarchical porous carbon foam for high-performance solid-state supercapacitors. *Journal of Materials Chemistry A*, **2019**, 7, 7591-7603	13	67
285	Exact chirped singular soliton solutions of Triki-Biswas equation. *Optik*, **2019**, 181, 338-342	2.5	65
284	Optical soliton perturbation for Gerdjikov–Ivanov equation via two analytical techniques. *Chinese Journal of Physics*, **2018**, 56, 2879-2886	3.5	64
283	Optical soliton perturbation with full nonlinearity for Kundu–Eckhaus equation by modified simple equation method. *Optik*, **2018**, 157, 1376-1380	2.5	63
282	Interactions of vector anti-dark solitons for the coupled nonlinear Schrödinger equation in inhomogeneous fibers. *Nonlinear Dynamics*, **2018**, 94, 1351-1360	5	62
281	Darboux transformation and analytic solutions for a generalized super-NLS-mKdV equation. *Nonlinear Dynamics*, **2019**, 98, 1491-1500	5	62
280	Optical solitons in media with time-modulated nonlinearities and spatiotemporal dispersion. *Nonlinear Dynamics*, **2015**, 80, 983-987	5	60
279	Explicit solitons in the parabolic law nonlinear negative-index materials. *Nonlinear Dynamics*, **2017**, 88, 595-607	5	58
278	Nematicons in liquid crystals by extended trial equation method. *Journal of Nonlinear Optical Physics and Materials*, **2017**, 26, 1750005	0.8	56
277	Periodic attenuating oscillation between soliton interactions for higher-order variable coefficient nonlinear Schrödinger equation. *Nonlinear Dynamics*, **2019**, 96, 801-809	5	56
276	Optical solitons in birefringent fibers with Kerr nonlinearity by exp-function method. *Optik*, **2017**, 131, 964-976	2.5	55

275	Dromion-like soliton interactions for nonlinear Schr□inger equation with variable coefficients in inhomogeneous optical fibers. *Nonlinear Dynamics*, **2019**, 96, 729-736	5	55
274	Optical solitons in DWDM system by extended trial equation method. *Optik*, **2017**, 141, 157-167	2.5	54
273	Optical soliton perturbation with Fokas□lenells equation using three exotic and efficient integration schemes. *Optik*, **2018**, 165, 288-294	2.5	54
272	Analytical study of optical solitons in media with Kerr and parabolic-law nonlinearities. *Journal of Modern Optics*, **2013**, 60, 1652-1657	1.1	54
271	Analytical solutions and modulation instability analysis to the perturbed nonlinear Schr□inger equation. *Journal of Modern Optics*, **2014**, 61, 500-503	1.1	52
270	Exact solitons to generalized resonant dispersive nonlinear Schr□inger's equation with power law nonlinearity. *Optik*, **2017**, 130, 178-183	2.5	52
269	W-shaped, bright and dark solitons of Biswas□Arshed equation. *Optik*, **2019**, 182, 227-232	2.5	51
268	Optical solitons with Biswas□Milovic equation by extended G?/G-expansion method. *Optik*, **2016**, 127, 6277-6290	2.5	51
267	Optical solitons with Lakshmanan□Porsezian□Daniel model using a couple of integration schemes. *Optik*, **2018**, 158, 705-711	2.5	50
266	Soliton solutions to resonant nonlinear schrodinger's equation with time-dependent coefficients by modified simple equation method. *Optik*, **2016**, 127, 11450-11459	2.5	50
265	The analytical study of solitons to the nonlinear Schr□inger equation with resonant nonlinearity. *Optik*, **2017**, 130, 378-382	2.5	50
264	Lie symmetry analysis for cubic□quartic nonlinear Schr□inger's equation. *Optik*, **2018**, 169, 12-15	2.5	50
263	Optical solitons having weak non-local nonlinearity by two integration schemes. *Optik*, **2018**, 164, 380-384	2.5	48
262	Dark and singular optical solitons with Kundu□Eckhaus equation by extended trial equation method and extended G?/G-expansion scheme. *Optik*, **2016**, 127, 10490-10497	2.5	48
261	Dark optical solitons in quadratic nonlinear media with spatio-temporal dispersion. *Nonlinear Dynamics*, **2015**, 81, 733-738	5	47
260	Resonant optical solitons with parabolic and dual-power laws by semi-inverse variational principle. *Journal of Modern Optics*, **2018**, 65, 179-184	1.1	47
259	Optical solitons in gas-filled, hollow-core photonic crystal fibers with inter-modal dispersion and self-steepening. *Journal of Modern Optics*, **2013**, 60, 854-859	1.1	47
258	New envelope solitons for Gerdjikov-Ivanov model in nonlinear fiber optics. *Superlattices and Microstructures*, **2017**, 111, 326-334	2.8	46

257	Optical soliton perturbation with resonant nonlinear Schrödinger's equation having full nonlinearity by modified simple equation method. *Optik*, **2018**, 160, 33-43	2.5	46
256	Some lump solutions for a generalized (3+1)-dimensional Kadomtsev–Petviashvili equation. *Applied Mathematics and Computation*, **2020**, 366, 124757	2.7	46
255	Optical soliton perturbation with Gerdjikov–Ivanov equation by modified simple equation method. *Optik*, **2018**, 157, 1235-1240	2.5	44
254	The investigation of soliton solutions of the coupled sine-Gordon equation in nonlinear optics. *Journal of Modern Optics*, **2017**, 64, 1677-1682	1.1	43
253	Highly dispersive optical solitons with undetermined coefficients. *Optik*, **2019**, 182, 890-896	2.5	43
252	Propagation properties of dipole-managed solitons through an inhomogeneous cubic–quintic–septic medium. *Optics Communications*, **2018**, 425, 64-70	2	43
251	Dark soliton control based on dispersion and nonlinearity for third-order nonlinear Schrödinger equation. *Optik*, **2019**, 184, 370-376	2.5	42
250	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. *Superlattices and Microstructures*, **2017**, 111, 487-498	2.8	42
249	Optical solitons for Lakshmanan–Porsezian–Daniel model with spatio-temporal dispersion using the method of undetermined coefficients. *Optik*, **2017**, 144, 115-123	2.5	42
248	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
247	Dispersive optical solitons with Schrödinger–Hirota equation by extended trial equation method. *Optik*, **2017**, 136, 451-461	2.5	41
246	Optical solitons of Lakshmanan–Porsezian–Daniel model with a couple of nonlinearities. *Optik*, **2018**, 164, 414-423	2.5	41
245	Exact solitary wave solutions to the generalized Fisher equation. *Optik*, **2016**, 127, 12085-12092	2.5	41
244	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. *Nonlinear Dynamics*, **2019**, 97, 1253-1262	5	40
243	Periodic oscillations of dark solitons in nonlinear optics. *Optik*, **2018**, 165, 341-344	2.5	40
242	Optical soliton perturbation with complex Ginzburg–Landau equation using trial solution approach. *Optik*, **2018**, 160, 44-60	2.5	40
241	Resonant optical solitons with dual-power law nonlinearity and fractional temporal evolution. *Optik* , **2018**, 165, 233-239	2.5	40
240	Optical solitons for Biswas–Milovic model with Kerr law and parabolic law nonlinearities. *Nonlinear Dynamics*, **2016**, 84, 677-681	5	40

239	Solitons in optical metamaterials with fractional temporal evolution. *Optik*, **2016**, 127, 10879-10897	2.5	40
238	Optical solitons in nonlinear directional couplers with trial function scheme. *Nonlinear Dynamics*, **2017**, 88, 1891-1915	5	39
237	Analytic study on the influences of higher-order effects on optical solitons in fiber laser. *Optik*, **2019**, 186, 326-331	2.5	39
236	Bright, dark and W-shaped solitons with extended nonlinear Schrödinger's equation for odd and even higher-order terms. *Superlattices and Microstructures*, **2018**, 114, 53-61	2.8	39
235	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. *Nonlinear Dynamics*, **2020**, 100, 2817-2821	5	38
234	Resonant optical solitons with perturbation terms and fractional temporal evolution using improved tan (?(ϕ)/2)-expansion method and exp function approach. *Optik*, **2018**, 158, 933-939	2.5	38
233	Bright soliton solutions of the (2+1)-dimensional generalized coupled nonlinear Schrödinger equation with the four-wave mixing term. *Nonlinear Dynamics*, **2021**, 104, 2613-2620	5	38
232	Analytic study on triple-S, triple-triangle structure interactions for solitons in inhomogeneous multi-mode fiber. *Applied Mathematics and Computation*, **2019**, 361, 325-331	2.7	37
231	Solitons in Optical Metamaterials with Trial Solution Approach and Bäcklund Transform of Riccati Equation. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 5940-5948	0.3	37
230	Exact solutions of the cubic-quintic nonlinear optical transmission equation with higher-order dispersion terms and self-steepening term. *Journal of Modern Optics*, **2012**, 59, 57-60	1.1	37
229	Dark and singular dispersive optical solitons of Schrödinger–Hirota equation by modified simple equation method. *Optik*, **2017**, 136, 445-450	2.5	36
228	Optical soliton perturbation with full nonlinearity by trial equation method. *Optik*, **2018**, 157, 1366-1375	2.5	35
227	Analytic study on solitons in the nonlinear fibers with time-modulated parabolic law nonlinearity and Raman effect. *Optik*, **2014**, 125, 3142-3144	2.5	35
226	Optical solitons with DWDM technology and four-wave mixing. *Superlattices and Microstructures*, **2017**, 107, 254-266	2.8	34
225	Transformation of soliton states for a (2+1) dimensional fourth-order nonlinear Schrödinger equation in the Heisenberg ferromagnetic spin chain. *Laser Physics*, **2019**, 29, 035401	1.2	34
224	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
223	Optical soliton perturbation with Radhakrishnan–Kundu–Lakshmanan equation by Lie group analysis. *Optik*, **2018**, 163, 137-141	2.5	34
222	Optical soliton perturbation with full nonlinearity for Gerdjikov–Ivanov equation by trial equation method. *Optik*, **2018**, 157, 1214-1218	2.5	34

221	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp(−Ω(ξ))-expansion. *Optik*, **2019**, 178, 439-448	2.5	34
220	The similarities and differences of different plane solitons controlled by (3+1) - Dimensional coupled variable coefficient system. *Journal of Advanced Research*, **2020**, 24, 167-173	13	33
219	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	33
218	Optical solitons in the parabolic law media with high-order dispersion. *Optik*, **2014**, 125, 5432-5435	2.5	33
217	Exact solitons in three-dimensional weakly nonlocal nonlinear time-modulated parabolic law media. *Optics and Laser Technology*, **2013**, 51, 32-35	4.2	33
216	Spatial optical solitons in fifth order and seventh order weakly nonlocal nonlinear media. *Optik*, **2013**, 124, 5683-5686	2.5	33
215	Optical solitons of some fractional differential equations in nonlinear optics. *Journal of Modern Optics*, **2017**, 64, 2345-2349	1.1	33
214	Optical solitons to Lakshmanan-Porsezian-Daniel model for three nonlinear forms. *Optik*, **2018**, 160, 197-202	2.5	32
213	Dark-singular combo optical solitons with fractional complex Ginzburg–Landau equation. *Optik*, **2018**, 171, 463-467	2.5	32
212	Dispersive optical solitons with Schrödinger–Hirota model by trial equation method. *Optik*, **2018**, 162, 35-41	2.5	31
211	Chirped optical solitons of Chen–Lee–Liu equation by extended trial equation scheme. *Optik*, **2018**, 156, 999-1006	2.5	31
210	The investigate of optical solitons in cascaded system by improved adomian decomposition scheme. *Optik*, **2017**, 130, 1107-1114	2.5	31
209	Analytical study of solitons to Biswas–Milovic model in nonlinear optics. *Journal of Modern Optics*, **2016**, 63, 2131-2137	1.1	31
208	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
207	Solitons in optical metamaterials with anti-cubic nonlinearity. *European Physical Journal Plus*, **2018**, 133, 1	3.1	31
206	Soliton solutions for Davydov solitons in α-helix proteins. *Superlattices and Microstructures*, **2017**, 102, 323-341	2.8	30
205	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
204	Chirped optical solitons in nano optical fibers with dual-power law nonlinearity. *Optik*, **2017**, 142, 77-81	2.5	29

203	Combined optical solitons with parabolic law nonlinearity and spatio-temporal dispersion. *Journal of Modern Optics*, **2015**, 62, 483-486	1.1	29
202	Optical solitons with Lakshmanan–Porsezian–Daniel model by modified extended direct algebraic method. *Optik*, **2018**, 162, 228-236	2.5	29
201	Singular optical solitons in birefringent nano-fibers. *Optik*, **2016**, 127, 8995-9000	2.5	29
200	Chirped singular solitons for Chen-Lee-Liu equation in optical fibers and PCF. *Optik*, **2018**, 157, 156-160	2.5	29
199	Conservation laws for optical solitons with Chen–Lee–Liu equation. *Optik*, **2018**, 174, 195-198	2.5	29
198	Optical solitons with anti-cubic nonlinearity by mapping methods. *Optik*, **2018**, 170, 520-526	2.5	29
197	Optical solitons and group invariant solutions to Lakshmanan–Porsezian–Daniel model in optical fibers and PCF. *Optik*, **2018**, 160, 86-91	2.5	28
196	Optical soliton perturbation with Fokas–Lenells equation by mapping methods. *Optik*, **2019**, 178, 104-110	2.5	28
195	Analytical study of solitons in magneto-electro-elastic circular rod. *Nonlinear Dynamics*, **2016**, 83, 1403-1408	3	27
194	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
193	Chirped dark and gray solitons for Chen–Lee–Liu equation in optical fibers and PCF. *Optik*, **2018**, 155, 329-333	2.5	27
192	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. *Chinese Journal of Physics*, **2018**, 56, 1990-1998	3.5	27
191	Dispersive Optical Solitons in Nanofibers with Schrödinger-Hirota Equation. *Journal of Nanoelectronics and Optoelectronics*, **2016**, 11, 382-387	1.3	26
190	Propagation of chirped gray optical dips in nonlinear metamaterials. *Optics Communications*, **2019**, 430, 461-466	2	26
189	Optical soliton perturbation of Fokas–Lenells equation with two integration schemes. *Optik*, **2018**, 165, 111-116	2.5	25
188	Chirped w-shaped optical solitons of Chen–Lee–Liu equation. *Optik*, **2018**, 155, 208-212	2.5	25
187	Optical solitons in birefringent fibers with modified simple equation method. *Optik*, **2017**, 130, 996-1003	2.5	25
186	Solitons in optical fiber Bragg gratings with dispersive reflectivity. *Optik*, **2019**, 182, 119-123	2.5	25

185	Dispersive optical solitons in DWDM systems. *Optik*, **2017**, 132, 210-215	2.5	24
184	Optical solitons in nonlinear directional couplers with G?/G-expansion scheme. *Journal of Nonlinear Optical Physics and Materials*, **2015**, 24, 1550017	0.8	24
183	Spatiotemporal solitons in cold Rydberg atomic gases with Bessel optical lattices. *Applied Mathematics Letters*, **2020**, 106, 106230	3.5	24
182	Analytic study on interactions of some types of solitary waves. *Optik*, **2018**, 164, 132-137	2.5	24
181	Optical soliton perturbation for Gerdjikov□Ivanov equation by extended trial equation method. *Optik*, **2018**, 158, 747-752	2.5	24
180	Optical solitons in birefringent fibers for Lakshmanan□Porsezian□Daniel model using exp(□(□))-expansion method. *Optik*, **2018**, 170, 555-560	2.5	24
179	Analytic study on chirped optical solitons in nonlinear metamaterials with higher order effects. *Laser Physics*, **2019**, 29, 095402	1.2	24
178	Influence of Parameters of Optical Fibers on Optical Soliton Interactions. *Chinese Physics Letters*, **2022**, 39, 010501	1.8	24
177	Self-similar optical solitons with continuous-wave background in a quadratic□cubic non-centrosymmetric waveguide. *Optics Communications*, **2019**, 437, 392-398	2	24
176	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. *Optik*, **2020**, 202, 163417	2.5	24
175	Resonant optical solitons with anti-cubic nonlinearity. *Optik*, **2018**, 157, 525-531	2.5	24
174	Analytical study of solitons in the fiber waveguide with power law nonlinearity. *Superlattices and Microstructures*, **2017**, 101, 493-506	2.8	23
173	Optical solitons with differential group delay by trial equation method. *Optik*, **2018**, 160, 116-123	2.5	23
172	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
171	Optical solitons in nonlinear negative-index materials with quadratic-cubic nonlinearity. *Superlattices and Microstructures*, **2017**, 109, 176-182	2.8	22
170	Cubic-quartic optical soliton perturbation by semi-inverse variational principle. *Optik*, **2019**, 185, 45-49	2.5	22
169	Optical solitons with polarization mode dispersion for Lakshmanan□Porsezian□Daniel model by the method of undetermined coefficients. *Optik*, **2018**, 171, 114-119	2.5	22
168	Parity-time symmetry light bullets in a cold Rydberg atomic gas. *Optics Express*, **2020**, 28, 16322-16332	3.3	22

167	Exact optical solitons in metamaterials with anti-cubic law of nonlinearity by Lie group method. *Optical and Quantum Electronics*, **2019**, 51, 1	2.4	22
166	Optical solitons in birefringent fibers with Kundu-Eckhaus equation. *Optik*, **2019**, 178, 550-556	2.5	22
165	Chirped envelope optical solitons for Kaup□Newell equation. *Optik*, **2019**, 177, 1-7	2.5	22
164	Soliton interaction control through dispersion and nonlinear effects for the fifth-order nonlinear Schr□dinger equation. *Nonlinear Dynamics*, **2021**, 106, 2479	5	22
163	Bright and singular optical solitons for Kaup□Newell equation with two fundamental integration norms. *Optik*, **2019**, 182, 594-597	2.5	21
162	Optical solitons for non-Kerr law nonlinear Schr□dinger equation with third and fourth order dispersions. *Chinese Journal of Physics*, **2019**, 60, 133-140	3.5	21
161	Effects of dispersion terms on optical soliton propagation in a lossy fiber system. *Nonlinear Dynamics*, **2021**, 104, 629-637	5	21
160	Suppressing internet bottleneck with fractional temporal evolution of cubic□quartic optical solitons. *Optik*, **2019**, 182, 303-307	2.5	20
159	W-shaped and bright optical solitons in negative indexed materials. *Chaos, Solitons and Fractals*, **2019**, 123, 101-107	9.3	20
158	Optical solitons and conservation laws with polarization□mode dispersion for coupled Fokas□lenells equation using group invariance. *Chaos, Solitons and Fractals*, **2019**, 120, 245-249	9.3	20
157	Optical soliton perturbation in magneto-optic waveguides. *Journal of Nonlinear Optical Physics and Materials*, **2018**, 27, 1850005	0.8	20
156	Optical soliton perturbation with full nonlinearity for Kundu□Eckhaus equation by extended trial function scheme. *Optik*, **2018**, 160, 17-23	2.5	20
155	Highly dispersive optical soliton perturbation with cubic□quintic□septic refractive index by semi-inverse variational principle. *Optik*, **2019**, 199, 163322	2.5	19
154	Optical solitons in birefringent fibers with Lakshmanan□Porsezian□Daniel model by modified simple equation. *Optik*, **2019**, 192, 162899	2.5	19
153	Analytic study on optical solitons in parity-time-symmetric mixed linear and nonlinear modulation lattices with non-Kerr nonlinearities. *Optik*, **2018**, 173, 249-262	2.5	19
152	Nonlinear control of logic structure of all-optical logic devices using soliton interactions. *Nonlinear Dynamics*,1	5	19
151	Optical solitons for Lakshmanan□Porsezian□Daniel model by Riccati equation approach. *Optik*, **2019** , 182, 922-929	2.5	18
150	Optical solitons with differential group delay and four-wave mixing using two integration procedures. *Optik*, **2018**, 167, 170-188	2.5	18

149	Optical solitons for Gerdjikov–Ivanov model by extended trial equation scheme. *Optik*, **2018**, 157, 1241-1248	2.5	18
148	Soliton and soliton-like solutions to the modified Zakharov–Kuznetsov equation in nonlinear transmission line. *Nonlinear Dynamics*, **2016**, 83, 1429-1435	5	18
147	Solitons in nonlinear directional couplers with optical metamaterials. *Nonlinear Dynamics*, **2017**, 87, 427-458	5	18
146	Exact solitary wave solutions to the new (3 + 1)-dimensional generalized Kadomtsev–Petviashvili equation. *Optik*, **2017**, 128, 77-82	2.5	18
145	Optical Solitons in Nano-Fibers with Fractional Temporal Evolution. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 5361-5374	0.3	18
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