Mehmet Ekici

List of Publications by Year in Descending Order

240 papers	4,723 citations	35 h-index	52 g-index
243 ext. papers	6,126 ext. citations	2.7 avg, IF	6.61 L-index

#	Paper	IF	Citations
240	Stationary optical solitons with Kudryashov's quintuple power-law of refractive index having nonlinear chromatic dispersion. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2022**, 426, 127885	2.3	12
239	Stationary optical solitons with complex Ginzburg-Landau equation having nonlinear chromatic dispersion.. *Optical and Quantum Electronics*, **2022**, 54, 167	2.4	4
238	Optical solitons with Kudryashov's quintuple power-law coupled with dual form of non-local law of refractive index with extended Jacobi's elliptic function. *Optical and Quantum Electronics*, **2022**, 54, 1	2.4	2
237	Stationary optical solitons with complex Ginzburg-Landau equation having nonlinear chromatic dispersion and Kudryashov's refractive index structures. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2022**, 128146	2.3	3
236	Optical Solitons in Fiber Bragg Gratings with Polynomial Law Nonlinearity and Cubic-Quartic Dispersive Reflectivity. *Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)*, **2022**, 130, 28-34	0.7	
235	Kinky breathers, W-shaped and multi-peak soliton interactions for Kudryashov's quintuple power-law coupled with dual form of non-local refractive index structure. *Chaos, Solitons and Fractals*, **2022**, 159, 112172	9.3	1
234	Optical Soliton Perturbation with Generalized Quadratic--Cubic Nonlinearity by semi--Inverse Variation-=SUP=-*-=/SUP=-. *Optics and Spectroscopy*, **2022**, 130, 957		
233	Cubic-quartic optical soliton perturbation with Kudryashov's law of refractive index having quadrupled-power law and dual form of generalized nonlocal nonlinearity by sine-Gordon equation approach. *Journal of Optics (India)*, **2021**, 50, 593	1.3	5
232	Optical soliton perturbation with Kudryashov's law of arbitrary refractive index. *Journal of Optics (India)*, **2021**, 50, 245-252	1.3	2
231	Optical soliton polarization with Lakshmanan-Porsezian-Daniel model by unified approach. *Results in Physics*, **2021**, 22, 103958	3.7	9
230	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
229	Optical soliton perturbation with dual forms of simple equation approach: A transparent comparison. *Optik*, **2021**, 231, 166455	2.5	2
228	Optical soliton perturbation in magneto-optic waveguides by extended (G^{prime }/G)-expansion. *Optical and Quantum Electronics*, **2021**, 53, 1	2.4	0
227	Pure-Cubic Optical Soliton Perturbation with Complex Ginzburg-Landau Equation Having a Dozen Nonlinear Refractive Index Structures. *Journal of Communications Technology and Electronics*, **2021**, 66, 481-544	0.5	8
226	Optical solitons and bifurcation analysis in fiber Bragg gratings with Lie symmetry and Kudryashov's approach. *Nonlinear Dynamics*, **2021**, 105, 735-751	5	7
225	Stationary optical solitons with nonlinear chromatic dispersion and generalized temporal evolution by extended trial function approach. *Chaos, Solitons and Fractals*, **2021**, 147, 110971	9.3	8
224	Modeling interaction of ultrashort pulses with ENZ materials. *Chinese Journal of Physics*, **2021**, 71, 492-505	3.5	1

223	Conservation Laws for Solitons in Magneto-optic Waveguides with Anti-cubic and Generalized Anti-cubic Nonlinearities. *Regular and Chaotic Dynamics*, **2021**, 26, 456-461	1.6	3
222	Highly dispersive optical solitons in the nonlinear Schrödinger's equation having polynomial law of the refractive index change. *Indian Journal of Physics*, **2021**, 95, 109-119	1.4	11
221	Optical soliton perturbation, with maximum intensity, having generalized Kudryashov's law of refractive index. *Optik*, **2021**, 227, 165328	2.5	5
220	Optical solitons and conservation laws of Kudryashov's equation with improved modified extended tanh-function. *Optik*, **2021**, 225, 165406	2.5	24
219	Gausson parameter dynamics in ENZ-material based waveguides using moment method. *Optik*, **2021**, 227, 165273	2.5	3
218	Cubic-quartic optical solitons and conservation laws with Kudryashov's sextic power-law of refractive index. *Optik*, **2021**, 227, 166059	2.5	15
217	Highly dispersive optical solitons perturbation having Kudryashov's arbitrary form with sextic-power law refractive index and generalized non-local laws. *Optik*, **2021**, 228, 166120	2.5	12
216	Optical Solutions in Fiber Bragg Gratings with Polynomial Law Nonlinearity and Cubic-Quartic Dispersive Reflectivity-=SUP=-*-=/SUP=-. *Optics and Spectroscopy*, **2021**, 129, 1409		
215	Cubic–quartic optical soliton perturbation and conservation laws with generalized Kudryashov's form of refractive index. *Journal of Optics (India)*, **2021**, 50, 354-360	1.3	11
214	Optical solitons and conservation laws associated with Kudryashov?s sextic power-law nonlinearity of refractive index. *Ukrainian Journal of Physical Optics*, **2021**, 22, 38-49	1.2	23
213	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
212	Solitons and conservation laws in magneto–optic waveguides with generalized Kudryashov's equation. *Chinese Journal of Physics*, **2021**, 69, 186-205	3.5	17
211	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
210	Optical solitons with Sasa–Satsuma equation by Laplace–Adomian decomposition algorithm. *Optik*, **2021**, 229, 166262	2.5	6
209	Formation of chirped kink similaritons in non-Kerr media with varying Raman effect. *Results in Physics*, **2021**, 26, 104381	3.7	1
208	Highly dispersive optical soliton perturbation with Kudryashov's sextic-power law nonlinear refractive index by semi-inverse variation. *Results in Physics*, **2021**, 27, 104539	3.7	7
207	Optical solitons in birefringent fibers having anti-cubic nonlinearity with Jacobi's elliptic function expansions. *Optical and Quantum Electronics*, **2021**, 53, 1	2.4	1
206	Time–dependent coupled complex short pulse equation: Invariant analysis and complexitons. *Chaos, Solitons and Fractals*, **2021**, 150, 111151	9.3	3

205	Stationary optical solitons with cubic–quartic law of refractive index and nonlinear chromatic dispersion. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 410, 127541	2.3	6
204	Solitons in nonlinear directional couplers with optical metamaterials by unified Riccati equation approach. *Optik*, **2021**, 241, 167244	2.5	8
203	Peakon and cuspon excitations in optical fibers for eighth order nonlinear Schrödinger's model. *Optik*, **2021**, 243, 167509	2.5	5
202	Stationary optical solitons with Kudryashov's laws of refractive index. *Chaos, Solitons and Fractals*, **2021**, 151, 111226	9.3	13
201	Cubic–quartic solitons for twin-core couplers in optical metamaterials. *Optik*, **2021**, 245, 167632	2.5	4
200	Algorithm for dark solitons with Radhakrishnan–Kundu–Lakshmanan model in an optical fiber. *Results in Physics*, **2021**, 30, 104806	3.7	3
199	Conservation laws for solitons in magneto-optic waveguides with dual-power law nonlinearity. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 416, 127667	2.3	0
198	Cubic–quartic solitons in couplers with optical metamaterials having parabolic law nonlinearity. *Optik*, **2021**, 247, 167960	2.5	
197	Cubic–quartic solitons in couplers with optical metamaterials having dual-power law of nonlinearity. *Optik*, **2021**, 247, 167969	2.5	2
196	Highly dispersive optical solitons in birefringent fibers with four nonlinear forms using Kudryashov's approach. *Journal of Optics (India)*, **2021**, 50, 120-131	1.3	30
195	Cubic–Quartic Optical Solitons and Conservation Laws with Kudryashov's Law of Refractive Index by Extended Trial Function. *Computational Mathematics and Mathematical Physics*, **2021**, 61, 1995-2003	0.9	2
194	Optical solitons in fiber Bragg gratings having Kerr law of refractive index with extended Kudryashov's method and new extended auxiliary equation approach. *Chinese Journal of Physics*, **2020**, 66, 187-205	3.5	14
193	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
192	Optical solitons with Kudryashov's model by a range of integration norms. *Chinese Journal of Physics*, **2020**, 66, 660-672	3.5	12
191	Exhibit of highly dispersive optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. *Optik*, **2020**, 208, 164471	2.5	5
190	Highly dispersive optical solitons in birefringent fibers with four forms of nonlinear refractive index by three prolific integration schemes. *Optik*, **2020**, 220, 165039	2.5	13
189	Optical solitons in birefringent fibers for Radhakrishnan–Kundu–Lakshmanan equation with five prolific integration norms. *Optik*, **2020**, 208, 164550	2.5	17
188	Dark, singular and straddled optical solitons in birefringent fibers with generalized anti-cubic nonlinearity. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126417	2.3	9

187	Solitons in magneto-optic waveguides with dual-power law nonlinearity. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126697	2.3	7
186	Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity. *Optik*, **2020**, 220, 165196	2.5	6
185	Optical soliton perturbation with Chen-Lee-Liu equation. *Optik*, **2020**, 220, 165177	2.5	19
184	Optical solitons with Sasa-Satsuma equation. *Optik*, **2020**, 219, 165183	2.5	4
183	Optical solitons and other solutions to Kudryashov's equation with three innovative integration norms. *Optik*, **2020**, 211, 164431	2.5	13
182	Chirped super-Gaussian and super-sech pulse parameter dynamics with DWDM topology by variational principle. *Optik*, **2020**, 206, 164344	2.5	
181	Optical soliton perturbation with polynomial and triple-power laws of refractive index by semi-inverse variational principle. *Chaos, Solitons and Fractals*, **2020**, 135, 109765	9.3	7
180	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
179	Cubic-Quartic Optical Solitons with Differential Group Delay for Kudryashov's Model by Extended Trial Function. *Journal of Communications Technology and Electronics*, **2020**, 65, 1384-1398	0.5	7
178	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	
177	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	
176	Sequel to highly dispersive optical soliton perturbation with cubic-quintic-septic refractive index by semi-inverse variational principle. *Optik*, **2020**, 203, 163451	2.5	7
175	Dispersive optical dromions and domain walls with a few golden integration formulae. *Optik*, **2020**, 202, 163439	2.5	5
174	Highly dispersive optical soliton perturbation with quadratic-cubic refractive index by semi-inverse variational principle. *Optik*, **2020**, 206, 163621	2.5	9
173	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
172	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
171	Chirped and chirp-free optical solitons in fiber Bragg gratings having dispersive reflectivity with polynomial form of nonlinearity using sub-ODE approach. *Optik*, **2020**, 204, 164096	2.5	12
170	Optical solitons with differential group delay for complex Ginzburg-Landau equation. *Results in Physics*, **2020**, 16, 102888	3.7	10

169	Optical solitons with fiber Bragg gratings and dispersive reflectivity having parabolic-nonlocal combo nonlinearity via three prolific integration architectures. *Optik*, **2020**, 208, 164065	2.5	7
168	Conservation laws for optical solitons with polynomial and triple-power laws of refractive index. *Optik*, **2020**, 202, 163476	2.5	6
167	Optical solitons and conservation laws with generalized Kudryashov's law of refractive index. *Chaos, Solitons and Fractals*, **2020**, 139, 110284	9.3	21
166	Optical soliton perturbation with Kudryashov's equation by semi-inverse variational principle. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126830	2.3	19
165	Cubic-quartic optical soliton perturbation and conservation laws with Kudryashov's law of refractive index. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126884	2.3	14
164	Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity. *Journal of Optics (India)*, **2020**, 49, 584-590	1.3	41
163	Optical soliton perturbation with exotic forms of nonlinear refractive index. *Optik*, **2020**, 223, 165329	2.5	2
162	Pure-cubic optical soliton perturbation with full nonlinearity by unified Riccati equation expansion. *Optik*, **2020**, 223, 165445	2.5	12
161	Solitons in magneto-optic waveguides with generalized anti-cubic nonlinearity. *Optik*, **2020**, 223, 165456	2.5	3
160	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
159	Chirped self-similar cnoidal waves and similaritons in an inhomogeneous optical medium with resonant nonlinearity. *Chaos, Solitons and Fractals*, **2020**, 141, 110441	9.3	7
158	Solitions in magneto-optic waveguides with anti-cubic nonlinearity. *Optik*, **2020**, 222, 165313	2.5	7
157	Pure-cubic optical soliton perturbation with full nonlinearity. *Optik*, **2020**, 222, 165394	2.5	12
156	Cubic-quartic optical solitons with Kudryashov's law of refractive index by F-expansions schemes. *Results in Physics*, **2020**, 18, 103273	3.7	11
155	Solitons in magneto-optic waveguides with Kudryashov's law of refractive index. *Chaos, Solitons and Fractals*, **2020**, 140, 110129	9.3	23
154	Solitons in magneto-optic waveguides with parabolic law nonlinearity. *Optik*, **2020**, 222, 165314	2.5	2
153	Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity. *Optik*, **2020**, 223, 165397	2.5	0
152	Solitons and conservation laws in magneto-optic waveguides having parabolic-nonlocal law of refractive index. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2020**, 384, 126814	2.3	9

151	Optical solitons with differential group delay for Kudryashov's model by the auxiliary equation mapping method. *Chinese Journal of Physics*, **2020**, 67, 631-645	3.5	5
150	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
149	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
148	Optical solitons with Kudryashov's equation by extended trial function. *Optik*, **2020**, 202, 163290	2.5	35
147	Optical solitons in birefringent fibers having anti-cubic nonlinearity with a few prolific integration algorithms. *Optik*, **2020**, 200, 163229	2.5	11
146	Optical solitons and conservation laws of Kudryashov's equation using undetermined coefficients. *Optik*, **2020**, 202, 163417	2.5	24
145	Conservation laws for highly dispersive optical solitons. *Optik*, **2019**, 199, 163283	2.5	12
144	Highly dispersive optical soliton perturbation with cubic-quintic-septic refractive index by semi-inverse variational principle. *Optik*, **2019**, 199, 163322	2.5	19
143	Suppressing internet bottleneck with fractional temporal evolution of cubic-quartic optical solitons. *Optik*, **2019**, 182, 303-307	2.5	20
142	Highly dispersive optical solitons with cubic-quintic-septic law by exp-expansion. *Optik*, **2019**, 186, 321-325	2.5	29
141	Optical solitons having anti-cubic nonlinearity with two integration architectures. *Chinese Journal of Physics*, **2019**, 60, 659-664	3.5	8
140	Optical solitons in birefringent fibers with Lakshmanan-Porsezian-Daniel model by modified simple equation. *Optik*, **2019**, 192, 162899	2.5	19
139	Highly dispersive optical solitons in absence of self-phase modulation by F-expansion. *Optik*, **2019**, 187, 258-271	2.5	10
138	Highly dispersive optical solitons in absence of self-phase modulation by exp-function. *Optik*, **2019**, 186, 436-442	2.5	11
137	Highly dispersive optical solitons in absence of self-phase modulation by Jacobi's elliptic function expansion. *Optik*, **2019**, 189, 109-120	2.5	13
136	Optical soliton perturbation with quadratic-cubic nonlinearity by mapping methods. *Chinese Journal of Physics*, **2019**, 60, 632-637	3.5	11
135	Self-similar solitons in optical waveguides with dual-power law refractive index. *Laser Physics*, **2019**, 29, 075401	1.2	3
134	Highly dispersive optical solitons with non-local nonlinearity by exp-function. *Optik*, **2019**, 186, 288-292	2.5	28

133	Optical solitons in birefringent fibers having anti-cubic nonlinearity with exp-function. *Optik*, **2019**, 186, 363-368	2.5	12
132	Highly dispersive optical solitons with non-local nonlinearity by F-expansion. *Optik*, **2019**, 183, 1140-1150	2.5	25
131	Highly dispersive optical solitons with quadratic–cubic law by exp-function. *Optik*, **2019**, 186, 431-435	2.5	20
130	Highly dispersive optical solitons with cubic–quintic–septic law by extended Jacobi's elliptic function expansion. *Optik*, **2019**, 183, 571-578	2.5	46
129	Highly dispersive optical solitons with kerr law nonlinearity by extended Jacobi's elliptic function expansion. *Optik*, **2019**, 183, 395-400	2.5	37
128	Highly dispersive optical solitons with non-local nonlinearity by extended Jacobi's elliptic function expansion. *Optik*, **2019**, 184, 277-286	2.5	27
127	Optical solitons in fiber Bragg gratings with dispersive reflectivity for parabolic law nonlinearity by extended trial function method. *Optik*, **2019**, 183, 595-601	2.5	22
126	Cubic-quartic optical soliton perturbation by semi-inverse variational principle. *Optik*, **2019**, 185, 45-49	2.5	22
125	Optical solitons in birefringent fibers having anti-cubic nonlinearity with extended trial function. *Optik*, **2019**, 185, 456-463	2.5	12
124	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
123	Highly dispersive optical solitons with Kerr law nonlinearity by exp-function. *Optik*, **2019**, 185, 121-125	2.5	15
122	Optical solitons having anti-cubic nonlinearity with strategically sound integration architectures. *Optik*, **2019**, 185, 57-70	2.5	11
121	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
120	W-shaped and bright optical solitons in negative indexed materials. *Chaos, Solitons and Fractals*, **2019**, 123, 101-107	9.3	20
119	Optical solitons in fiber Bragg gratings with dispersive reflectivity for parabolic law nonlinearity using undetermined coefficients. *Optik*, **2019**, 185, 39-44	2.5	14
118	Highly dispersive optical solitons with cubic-quintic-septic law by F-expansion. *Optik*, **2019**, 182, 897-906	2.5	57
117	Optical solitons for Lakshmanan–Porsezian–Daniel model by Riccati equation approach. *Optik*, **2019**, 182, 922-929	2.5	18
116	Highly dispersive optical solitons with undetermined coefficients. *Optik*, **2019**, 182, 890-896	2.5	43

115	Optical solitons in fiber Bragg gratings with dispersive reflectivity for parabolic-nonlocal combo nonlinearity by extended trial function. *Optik*, **2019**, 195, 163146	2.5	7
114	Propagation of chirped optical similaritons in inhomogeneous tapered centrosymmetric nonlinear waveguides doped with resonant impurities. *Laser Physics*, **2019**, 29, 085401	1.2	3
113	Optical solitons in fiber Bragg gratings with dispersive reflectivity for cubic–quintic–septic nonlinearity by extended trial function. *Optik*, **2019**, 194, 163020	2.5	10
112	Highly dispersive singular optical solitons having Kerr law nonlinearity by Jacobi's elliptic cs function expansion. *Optik*, **2019**, 192, 162931	2.5	5
111	Highly dispersive singular optical solitons with Kerr law nonlinearity by Jacobi's elliptic ds function expansion. *Optik*, **2019**, 192, 162954	2.5	6
110	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
109	Optical solitons with Kudryashov's equation by F-expansion. *Optik*, **2019**, 199, 163338	2.5	21
108	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
107	Highly dispersive optical soliton perturbation with Kerr law by semi-inverse variational principle. *Optik*, **2019**, 199, 163226	2.5	13
106	Dispersive solitons in optical fibers and DWDM networks with Schrödinger–Hirota equation. *Optik*, **2019**, 199, 163214	2.5	14
105	Soliton Solutions and Conservation Laws of a (3+1)-Dimensional Nonlinear Evolution Equation. *Acta Physica Polonica A*, **2019**, 135, 539-545	0.6	1
104	Highly dispersive optical solitons with quadratic-cubic law by F-expansion. *Optik*, **2019**, 182, 930-943	2.5	42
103	Dromion-like soliton interactions for nonlinear Schrödinger equation with variable coefficients in inhomogeneous optical fibers. *Nonlinear Dynamics*, **2019**, 96, 729-736	5	55
102	Exact chirped singular soliton solutions of Triki-Biswas equation. *Optik*, **2019**, 181, 338-342	2.5	65
101	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
100	Solitons in nonlinear directional couplers with optical metamaterials by exp(−Ω(ε))-expansion. *Optik*, **2019**, 179, 443-462	2.5	15
99	Optical solitons and conservation law in birefringent fibers with Kundu–Eckhaus equation by extended trial function method. *Optik*, **2019**, 179, 471-478	2.5	13
98	Dispersive solitons in optical metamaterials having parabolic form of nonlinearity. *Optik*, **2019**, 179, 1009-1018	2.5	10

97	Optical solitons for higher-order nonlinear Schrödinger's equation with three exotic integration architectures. *Optik*, **2019**, 179, 861-866	2.5	18
96	Resonant optical solitons with fractional temporal evolution by modified extended direct algebraic method. *Optik*, **2019**, 181, 1075-1079	2.5	3
95	Solitons in optical fiber Bragg gratings with dispersive reflectivity by extended trial function method. *Optik*, **2019**, 182, 88-94	2.5	32
94	Highly dispersive optical solitons with Kerr law nonlinearity by F-expansion. *Optik*, **2019**, 181, 1028-1038	2.5	82
93	Oblique resonant optical solitons with Kerr and parabolic law nonlinearities and fractional temporal evolution by generalized exp(□)-expansion. *Optik*, **2019**, 178, 439-448	2.5	34
92	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
91	Optical solitons in birefringent fibers with Kundu-Eckhaus equation. *Optik*, **2019**, 178, 550-556	2.5	22
90	Stable propagation of optical solitons in fiber lasers by using symbolic computation. *Optik*, **2019**, 178, 142-145	2.5	6
89	Chirped and chirp-free optical solitons with generalized anti-cubic nonlinearity by extended trial function scheme. *Optik*, **2019**, 178, 636-644	2.5	26
88	Optical solitons in birefringent fibers with quadratic–cubic nonlinearity by extended trial function scheme. *Optik*, **2019**, 176, 542-548	2.5	14
87	Optical solitons in birefringent fibers with quadratic-cubic nonlinearity by extended Jacobi's elliptic function expansion. *Optik*, **2019**, 178, 117-121	2.5	7
86	Optical solitons in birefringent fibers with quadratic–cubic nonlinearity by extended G?/G-expansion scheme. *Optik*, **2019**, 178, 59-65	2.5	20
85	Optical solitons in birefringent fibers with four-wave mixing for quadratic–cubic nonlinearity by F-expansion. *Optik*, **2019**, 178, 178-189	2.5	3
84	Optical solitons with Biswas-Arshed equation by extended trial function method. *Optik*, **2019**, 177, 13-20	2.5	65
83	Interaction properties of solitonics in inhomogeneous optical fibers. *Nonlinear Dynamics*, **2019**, 95, 557-563	5	91
82	Optical network topology with DWDM technology for log law medium. *Optik*, **2018**, 160, 353-360	2.5	12
81	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
80	Optical solitons with Lakshmanan–Porsezian–Daniel model by modified extended direct algebraic method. *Optik*, **2018**, 162, 228-236	2.5	29

79	Mitigating Internet bottleneck with fractional temporal evolution of optical solitons having quadratic–cubic nonlinearity. *Optik*, **2018**, 164, 84-92	2.5	92
78	Optical solitons in birefringent fibers with weak non-local nonlinearity and four-wave mixing by extended trial equation method. *Optik*, **2018**, 166, 285-293	2.5	3
77	Sub-pico-second chirped optical solitons in mono-mode fibers with Kaup–Newell equation by extended trial function method. *Optik*, **2018**, 168, 208-216	2.5	47
76	Optical soliton perturbation in magneto-optic waveguides. *Journal of Nonlinear Optical Physics and Materials*, **2018**, 27, 1850005	0.8	20
75	Periodic oscillations of dark solitons in nonlinear optics. *Optik*, **2018**, 165, 341-344	2.5	40
74	Optical solitons with differential group delay and weak non-local nonlinearity by extended trial function method. *Optik*, **2018**, 166, 31-38	2.5	4
73	Optical soliton perturbation with full nonlinearity for Kundu–Eckhaus equation by extended trial function scheme. *Optik*, **2018**, 160, 17-23	2.5	20
72	Chirped solitons in optical metamaterials with parabolic law nonlinearity by extended trial function method. *Optik*, **2018**, 160, 92-99	2.5	7
71	Optical solitons with Radhakrishnan–Kundu–Lakshmanan equation by extended trial function scheme. *Optik*, **2018**, 160, 415-427	2.5	33
70	Analysis of optical solitons in nonlinear negative-indexed materials with anti-cubic nonlinearity. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	33
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