Yakup Yildirim

List of Publications by Year
in descending order

133 papers	3,712 citations	117571 34 h-index	168321 53 g-index
133 all docs	133 docs citations	133 times ranked	468 citing authors

#	Article	IF	Citations
1	Family of optical solitons for perturbed Fokasâ€“Lenells equation. Optik, 2022, 249, 168224.	1.4	28
2	Cubicâ€“quartic solitons in couplers with optical metamaterials having triple-power law nonlinearity (sequel to polynomial law). Optik, 2022, 250, 168264.	1.4	1
3	Optical solitons in the Sasaï¿½Satsuma model with multiplicative noise via Ito calculus. Ukrainian Journal of Physical Optics, 2022, 23, 9-14.	9.7	122
4	Bright solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 254, 168612.	1.4	11
5	Cubicâ€“Quartic Optical Soliton Perturbation with Differential Group Delay for the Lakshmananâ€“Porsezianâ€“Daniel Model by Lie Symmetry. Symmetry, 2022, 14, 224.	1.1	8
6	Numerical Simulation of Cubic-Quartic Optical Solitons with Perturbed Fokasâ€“Lenells Equation Using Improved Adomian Decomposition Algorithm. Mathematics, 2022, 10, 138.	1.1	8
7	Dark solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber. Optik, 2022, 255, 168641.	1.4	13
8	Sequel to â€œcubicâ€quartic optical soliton perturbation with complex Ginzburgâ€“Landau equation by the enhanced Kudryashov's methodâ€. IET Optoelectronics, 2022, 16, 149-159.	1.8	6
9	Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburgâ€“Landau Equation by Semi-Inverse Variation. Mathematics, 2022, 10, 987.	1.1	9
10	Highly dispersive optical solitons and conservation laws in absence of selfâ€“phase modulation with new Kudryashov's approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 431, 128001.	0.9	14
11	Shallow Water Waves and Conservation Laws with Dispersion Triplet. Applied Sciences (Switzerland), 2022, 12, 3647.	1.3	4
12	Optical solitons for Biswasâ€“Arshed equation with multiplicative noise via ItÃ´ calculus using three integration algorithms. Optik, 2022, 258, 168847.	1.4	13
13	Optical solitons with Manakov equation having multiplicative white noise by ItÃ´ Calculus. Optik, 2022, 262, 169233.	1.4	2
14	Optical solitons with generalized antiâ€“cubic nonlinearity having multiplicative white noise by ItÃ´ Calculus. Optik, 2022, 262, 169262.	1.4	1
15	Highly Dispersive Optical Solitons in Birefringent Fibers with Polynomial Law of Nonlinear Refractive Index by Laplaceâ€“Adomian Decomposition. Mathematics, 2022, 10, 1589.	1.1	5
16	Cubicâ€“quartic optical solitons in birefringent fibers with Sasaâ€“Satsuma equation. Optik, 2022, 261, 169230.	1.4	5
17	Cubicâ€“quartic optical soliton perturbation with Fokasâ€“Lenells equation having maximum intensity. Optik, 2022, 264, 169336.	1.4	9
18	Cubicâ€“quartic optical solitons in fiber Bragg gratings with anti-cubic nonlinearity using the modified extended direct algebraic method. Optik, 2022, 264, 169347.	1.4	9

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19	Optical solitons having Kudryashovâ€™s self-phase modulation with multiplicative white noise via ItÃ´ Calculus using new mapping approach. Optik, 2022, 264, 169369.	1.4	6
20	Dispersive optical solitons with SchrÃ¶dingerâ€“Hirota model having multiplicative white noise via ItÃ´ Calculus. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 445, 128268.	0.9	15
21	Sequel to â€œQuasi-monochromatic dynamical system of cubicâ€“quartic optical solitons with Kerr law of nonlinear refractive indexâ€•(Power law). Optik, 2022, 267, 169623.	1.4	1
22	Quasi-monochromatic dynamical system of cubicâ€“quartic optical solitons with Kerr law of nonlinear refractive index. Optik, 2022, 267, 169622.	1.4	1
23	Optical solitons with Biswasâ€“Arshed equation by F-expansion method. Optik, 2021, 227, 165788.	1.4	28
24	Cubicâ€“quartic optical soliton perturbation and conservation laws with generalized Kudryashovâ€™s form of refractive index. Journal of Optics (India), 2021, 50, 354-360.	0.8	16
25	Cubicâ€“quartic optical soliton perturbation with Lakshmananâ€“Porsezianâ€“Daniel model by sine-Gordon equation approach. Journal of Optics (India), 2021, 50, 322-329.	0.8	38
26	Optical solitons in birefringent fibers with Biswasâ€“Arshed equation by sineâ€“Gordon equation method. Optik, 2021, 227, 165960.	1.4	7
27	Optical solitons and conservation law with Kudryashovâ€™s form of arbitrary refractive index. Journal of Optics (India), 2021, 50, 542-547.	0.8	10
28	Cubicâ€“quartic optical soliton perturbation with Kudryashovâ€™s law of refractive index having quadrupledâ€“power law and dual form of generalized nonlocal nonlinearity by sine-Gordon equation approach. Journal of Optics (India), 2021, 50, 593-599.	0.8	9
29	Optical soliton perturbation with Kudryashovâ€™s law of arbitrary refractive index. Journal of Optics (India), 2021, 50, 245-252.	0.8	10
30	Optical solitons for the perturbed Biswas-Milovic equation with Kudryashov's law of refractive index by the unified auxiliary equation method. Optik, 2021, 230, 166286.	1.4	49
31	Solitons and Other Solutions for the Nonlinear Convectionâ€“Diffusionâ€“Reaction Equation with Power-Law Nonlinearity by the Extended Simplest Equation Method. Computational Mathematics and Modeling, 2021, 32, 235-252.	0.2	1
32	Cubicâ€“quartic optical soliton perturbation with Lakshmananâ€“Porsezianâ€“Daniel model. Optik, 2021, 233, 166385.	1.4	16
33	Cubicâ€“quartic optical soliton perturbation in polarization-preserving fibers with Fokasâ€“Lenells equation. Optik, 2021, 234, 166543.	1.4	19
34	Gray optical dips of Kundu-Mukherjee-Naskar model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 401, 127341.	0.9	9
35	Optical solitons in fiber Bragg gratings with dispersive reflectivity by sine-Gordon equation approach. Optik, 2021, 237, 166684.	1.4	15
36	Cubicâ€“quartic optical soliton perturbation with Fokasâ€“Lenells equation by sineâ€“Gordon equation approach. Results in Physics, 2021, 26, 104409.	2.0	13

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37	Highly dispersive optical solitons and conservation laws with Kudryashovâ€™s sextic power-law of nonlinear refractive index. Optik, 2021, 240, 166915.	1.4	3
38	Optical soliton perturbation and conservation law with Kudryashovâ€™s refractive index having quadrupled power-law and dual form of generalized nonlocal nonlinearity. Optik, 2021, 240, 166966.	1.4	8
39	Optical soliton perturbation with Kudryashov's generalized nonlinear refractive index. Optik, 2021, 240, 166620.	1.4	18
40	Cubicâ€“quartic polarized optical solitons and conservation laws for perturbed Fokasâ€“Lenells model. Journal of Nonlinear Optical Physics and Materials, 2021, 30, .	1.1	6
41	Optical solitons in fiber Bragg gratings with Radhakrishnanâ€“Kunduâ€“Lakshmanan equation using two integration schemes. Optik, 2021, 245, 167635.	1.4	14
42	Straddled optical solitons for cubicâ€“quartic Lakshmananâ€“Porsezianâ€“Daniel model by Lie symmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 417, 127706.	0.9	12
43	Cubicâ€“quartic optical solitons with Bragg gratings having anti-cubic nonlinearity and dispersive reflectivity. Optik, 2021, 247, 167876.	1.4	1
44	Cubicâ€“quartic solitons in couplers with optical metamaterials having parabolic law nonlinearity. Optik, 2021, 247, 167960.	1.4	3
45	Cubicâ€“quartic solitons in couplers with optical metamaterials having dual-power law of nonlinearity. Optik, 2021, 247, 167969.	1.4	2
46	Cubicâ€“quartic solitons in couplers with optical metamaterials having quadraticâ€“cubic law of nonlinearity. Optik, 2021, , 168065.	1.4	1
47	Cubicâ€“quartic solitons in couplers with optical metamaterials having polynomial law of nonlinearity. Optik, 2021, 248, 168087.	1.4	7
48	Highly Dispersive Optical Solitons with Complex Ginzburgâ€“Landau Equation Having Six Nonlinear Forms. Mathematics, 2021, 9, 3270.	1.1	20
49	Optical solitons in birefringent fibers with quadraticâ€“cubic refractive index by Ï•6â€“model expansion. Optik, 2020, 202, 163620.	1.4	12
50	Optical pulses with Kundu-Mukherjee-Naskar model in fiber communication systems. Chinese Journal of Physics, 2020, 64, 183-193.	2.0	47
51	Highly dispersive optical soliton perturbation with quadraticâ€“cubic refractive index by semiâ€“inverse variational principle. Optik, 2020, 206, 163621.	1.4	14
52	Cubic-quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index by exp-function expansion. Results in Physics, 2020, 16, 102913.	2.0	98
53	Optical solitons with complex Ginzburg-Landau equation having a plethora of nonlinear forms with a couple of improved integration norms. Optik, 2020, 207, 163804.	1.4	27
54	Optical solitons with differential group delay for complex Ginzburgâ€“Landau equation. Results in Physics, 2020, 16, 102888.	2.0	12

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55	Optical solitons with differential group delay for complex Ginzburgâ€“Landau equation having Kerr and parabolic laws of refractive index. Optik, 2020, 202, 163737.	1.4	14
56	Chirped and chirp-free optical solitons having generalized anti-cubic nonlinearity with a few cutting-edge integration technologies. Optik, 2020, 206, 163745.	1.4	14
57	Chirped and chirp-free optical solitons in fiber Bragg gratings with dispersive reflectivity having quadratic-cubic nonlinearity by sub-ODE approach. Optik, 2020, 203, 163993.	1.4	25
58	Optical soliton molecules of Lakshmananâ€“Porsezianâ€“Daniel model in birefringent fibers by trial equation technique. Optik, 2020, 203, 162690.	1.4	14
59	Cubicâ€“quartic optical solitons in birefringent fibers with four forms of nonlinear refractive index. Optik, 2020, 203, 163885.	1.4	18
60	Optical solitons in fiber Bragg gratings via modified simple equation. Optik, 2020, 203, 163886.	1.4	39
61	Optical solitons with Biswasâ€“Arshed equation by sineâ€“Gordon equation method. Optik, 2020, 223, 165622.	1.4	12
62	Pure-cubic optical soliton perturbation with full nonlinearity. Optik, 2020, 222, 165394.	1.4	19
63	Optical solitons with Kudryashov's model by a range of integration norms. Chinese Journal of Physics, 2020, 66, 660-672.	2.0	19
64	Highly dispersive optical solitons in birefringent fibers with four forms of nonlinear refractive index by three prolific integration schemes. Optik, 2020, 220, 165039.	1.4	17
65	Optical solitons in birefringent fibers with Radhakrishnanâ€“Kunduâ€“Lakshmanan equation by a couple of strategically sound integration architectures. Chinese Journal of Physics, 2020, 65, 341-354.	2.0	19
66	Optical solitons in birefringent fibers for Radhakrishnanâ€“Kunduâ€“Lakshmanan equation with five prolific integration norms. Optik, 2020, 208, 164550.	1.4	28
67	Optical soliton perturbation with Chenâ€“Leeâ€“Liu equation. Optik, 2020, 220, 165177.	1.4	48
68	Optical solitons with Sasaâ€“Satsuma equation. Optik, 2020, 219, 165183.	1.4	9
69	Optical solitons with generalized anti-cubic nonlinearity by Lie symmetry. Optik, 2020, 206, 163638.	1.4	27
70	Optical solitons in fiber Bragg gratings with generalized anti-cubic nonlinearity by extended auxiliary equation. Chinese Journal of Physics, 2020, 65, 613-628.	2.0	21
71	Optical solitons of Gerdjikovâ€“Ivanov equation with four-wave mixing terms in birefringent fibers using trial equation scheme. Optik, 2019, 182, 1163-1169.	1.4	7
72	Extended Transformed Rational Function Method to Nonlinear Evolution Equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 691-701.	0.4	13

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73	Chirped and chirp-free solitons in optical fiber Bragg gratings with dispersive reflectivity having parabolic law nonlinearity by Jacobiâ€™s elliptic function. Results in Physics, 2019, 15, 102784.	2.0	21
74	Optical solitons in DWDM system with trial equation integration architecture. Optik, 2019, 182, 211-218.	1.4	10
75	Optical solitons to SchrÃ¶dingerâ€"Hirota equation in DWDM system with trial equation integration architecture. Optik, 2019, 182, 275-281.	1.4	10
76	Complexiton solutions and soliton solutions: $$(2+1)$$ (2 + 1) -dimensional Dateâ€"Jimboâ€"Kashiwaraâ€"Miwa equation. Pramana - Journal of Physics, 2019, 92, 1.	0.9	24
77	Optical solitons to Sasa-Satsuma model with modified simple equation approach. Optik, 2019, 184, 271-276.	1.4	35
78	Optical soliton molecules of Manakov model by trial equation technique. Optik, 2019, 185, 1146-1151.	1.4	26
79	Optical soliton molecules of Manakov model by modified simple equation technique. Optik, 2019, 185, 1182-1188.	1.4	16
80	Optical solitons to Kunduâ€"Mukherjeeâ€"Naskar model in birefringent fibers with trial equation approach. Optik, 2019, 183, 1026-1031.	1.4	30
81	Sub pico-second pulses in mono-mode optical fibers with Triki-Biswas model using trial equation architecture. Optik, 2019, 183, 463-466.	1.4	33
82	Optical solitons to Kunduâ€"Mukherjeeâ€"Naskar model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 121-127.	1.4	25
83	Optical solitons to Biswas-Arshed model in birefringent fibers using modified simple equation architecture. Optik, 2019, 182, 1149-1162.	1.4	43
84	Optical solitons to Kunduâ€"Mukherjeeâ€"Naskar model with modified simple equation approach. Optik, 2019, 184, 247-252.	1.4	48
85	Optical solitons to Chenâ€"Leeâ€"Liu model in birefringent fibers with modified simple equation approach. Optik, 2019, 183, 612-618.	1.4	15
86	Optical solitons in DWDM technology with four-wave mixing by trial equation integration architecture. Optik, 2019, 182, 625-632.	1.4	14
87	Optical solitons to Chenâ€"Leeâ€"Liu model with trial equation approach. Optik, 2019, 183, 849-853.	1.4	23
88	Optical solitons to Chenâ€"Leeâ€"Liu model in birefringent fibers with trial equation approach. Optik, 2019, 183, 881-886.	1.4	15
89	Optical solitons to Chenâ€"Leeâ€"Liu model with modified simple equation approach. Optik, 2019, 183, 792-796.	1.4	11
90	Optical solitons to Kunduâ€"Mukherjeeâ€"Naskar model with trial equation approach. Optik, 2019, 183, 1061-1065.	1.4	37

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91	Optical solitons to Sasaâ€“Satsuma model in birefringent fibers with trial equation approach. Optik, 2019, 185, 269-274.	1.4	14
92	Optical solitons to Sasa-Satsuma model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 197-204.	1.4	13
93	Optical solitons to Sasaâ€“Satsuma model with trial equation approach. Optik, 2019, 184, 70-74.	1.4	50
94	Optical solitons of Biswas-Arshed equation in birefringent fibers by trial equation technique. Optik, 2019, 182, 810-820.	1.4	46
95	Optical solitons to Gerdjikovâ€“Ivanov equation in birefringent fibers with trial equation integration architecture. Optik, 2019, 182, 349-355.	1.4	12
96	Optical solitons of Biswasâ€“Arshed equation by trial equation technique. Optik, 2019, 182, 876-883.	1.4	60
97	Optical solitons to SchrÃ¶dingerâ€“Hirota equation in DWDM system with modified simple equation integration architecture. Optik, 2019, 182, 694-701.	1.4	7
98	Bright, dark and singular optical solitons to Kunduâ€“Eckhaus equation having four-wave mixing in the context of birefringent fibers by using of trial equation methodology. Optik, 2019, 182, 393-399.	1.4	14
99	Optical solitons of Biswas-Arshed equation by modified simple equation technique. Optik, 2019, 182, 986-994.	1.4	47
100	Soliton solutions to the non-local Boussinesq equation by multiple exp-function scheme and extended Kudryashovâ€™s approach. Pramana - Journal of Physics, 2019, 92, 1.	0.9	9
101	Optical solitons to Kunduâ€“Eckhaus equation in the context of birefringent fibers by using of trial equation methodology. Optik, 2019, 182, 105-109.	1.4	10
102	Optical solitons in birefringent fibers with weak non-local nonlinearity using two forms of integration architecture. Optik, 2019, 178, 669-680.	1.4	14
103	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.	1.4	14
104	Optical solitons of Gerdjikovâ€“Ivanov equation in birefringent fibers with modified simple equation scheme. Optik, 2019, 182, 424-432.	1.4	5
105	Solitons for perturbed Gerdjikovâ€“Ivanov equation in optical fibers and PCF by extended Kudryashovâ€™s method. Optical and Quantum Electronics, 2018, 50, 1.	1.5	48
106	Dispersive optical solitons with SchrÃ¶dingerâ€“Hirota model by trial equation method. Optik, 2018, 162, 35-41.	1.4	47
107	Dispersive optical solitons with differential group delay by a couple of integration schemes. Optik, 2018, 162, 108-120.	1.4	17
108	Optical solitons with differential group delay and four-wave mixing using two integration procedures. Optik, 2018, 167, 170-188.	1.4	19

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109	Sub pico-second pulses in mono-mode optical fibers with Kaupâ€"Newell equation by a couple of integration schemes. Optik, 2018, 167, 121-128.	1.4	130
110	Optical solitons for Lakshmananâ€"Porsezianâ€"Daniel model with dual-dispersion by trial equation method. Optik, 2018, 168, 432-439.	1.4	63
111	Optical soliton perturbation with resonant nonlinear SchrÃ¶dinger's equation having full nonlinearity by modified simple equation method. Optik, 2018, 160, 33-43.	1.4	51
112	Optical solitons for Lakshmananâ€"Porsezianâ€"Daniel model by modified simple equation method. Optik, 2018, 160, 24-32.	1.4	161
113	Optical soliton perturbation with complex Ginzburgâ€"Landau equation using trial solution approach. Optik, 2018, 160, 44-60.	1.4	47
114	Optical solitons with differential group delay by trial equation method. Optik, 2018, 160, 116-123.	1.4	24
115	Optical soliton perturbation with full nonlinearity for Gerdjikovâ€"Ivanov equation by trial equation method. Optik, 2018, 157, 1214-1218.	1.4	43
116	Optical soliton perturbation with Gerdjikovâ€"Ivanov equation by modified simple equation method. Optik, 2018, 157, 1235-1240.	1.4	52
117	Optical soliton perturbation with full nonlinearity by trial equation method. Optik, 2018, 157, 1366-1375.	1.4	36
118	Optical soliton perturbation with full nonlinearity for Kunduâ€"Eckhaus equation by modified simple equation method. Optik, 2018, 157, 1376-1380.	1.4	82
119	Optical soliton perturbation for complex Ginzburgâ€"Landau equation with modified simple equation method. Optik, 2018, 158, 399-415.	1.4	80
120	New optical solitons of space-time conformable fractional perturbed Gerdjikov-Ivanov equation by sine-Gordon equation method. Results in Physics, 2018, 9, 1666-1672.	2.0	71
121	Optical solitons with differential group delay for coupled Fokasâ€"Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	1.4	121
122	Optical soliton perturbation for Radhakrishnanâ€"Kunduâ€"Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	1.4	128
123	Optical solitons and conservation law of Kunduâ€"Eckhaus equation. Optik, 2018, 154, 551-557.	1.4	139
124	Perturbed optical solitons with spatio-temporal dispersion in (2 + 1)-dimensions by extended Kudryashov method. Optik, 2018, 158, 1-14.	1.4	39
125	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. Chinese Journal of Physics, 2018, 56, 1990-1998.	2.0	37
126	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	1.4	132

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127	An extended Kortewegâ€“de Vries equation: multi-soliton solutions and conservation laws. Nonlinear Dynamics, 2017, 90, 1571-1579.	2.7	14
128	Conservation laws for Gerdjikov-Ivanov equation in nonlinear fiber optics and PCF. Optik, 2017, 148, 209-214.	1.4	72
129	Nonlinear SchrÃ¶dinger equations with spatio-temporal dispersion in Kerr, parabolic, power and dual power law media: A novel extended Kudryashovâ€™s algorithm and soliton solutions. Results in Physics, 2017, 7, 3116-3123.	2.0	22
130	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. Superlattices and Microstructures, 2017, 111, 487-498.	1.4	52
131	A multiple exp-function method for the three model equations of shallow water waves. Nonlinear Dynamics, 2017, 89, 2291-2297.	2.7	30
132	First integrals and analytical solutions of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient. Pramana - Journal of Physics, 2016, 87, 1.	0.9	3
133	A procedure on the first integrals of second-order nonlinear ordinary differential equations. European Physical Journal Plus, 2015, 130, 1.	1.2	2