Emrullah Yasar

List of Publications by Year
in descending order

110	3,417	117625	168389
papers	citations	34 h-index	53 g-index

110	110	110	636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical solitons in birefringent fibers with Kaupâ€“Newell equation using two integration schemes. Optik, 2022, 251, 167992.	2.9	22
2	Cubicâ€“quartic optical solitons in birefringent fibers with Kaupâ€“Newell equation using different arithmatic algorithms. Optik, 2022, 255, 168686.	2.9	5
3	Highly dispersive optical soliton molecules to dual-mode nonlinear SchrÃ¶dinger wave equation in cubic law media. Optical and Quantum Electronics, 2022, 54, 1.	3.3	13
4	On the Lie symmetry analysis, analytic series solutions, and conservation laws of the time fractional Belousovâ€“Zhabotinskii system. Nonlinear Dynamics, 2022, 109, 2997-3008.	5.2	7
5	Breather-type and multi-wave solutions for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.svg"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 nonlocal Gardner equation. Applied Mathematics and Computation, 2021, 390, 125663.	3.4	7
6	The generalized exponential rational function and Elzakiâ€“Adomian decomposition method for the Heisenberg ferromagnetic spin chain equation. Modern Physics Letters B, 2021, 35, 2150200.	1.9	5
7	Cubicâ€“quartic optical soliton perturbation with Lakshmanandâ€“Porseziandâ€“Daniel model by sine-Gordon equation approach. Journal of Optics (India), 2021, 50, 322-329.	1.7	38
8	Cubicâ€“quartic optical soliton perturbation with Lakshmanandâ€“Porseziandâ€“Daniel model. Optik, 2021, 233, 166385.	2.9	16
9	Multi-wave, breather and interaction solutions to (3+1) dimensional Vakhnenkoâ€“Parkes equation arising at propagation of high-frequency waves in a relaxing medium. Journal of Taibah University for Science, 2021, 15, 666-678.	2.5	57
10	Propagation of dark-bright soliton and kink wave solutions of fluidized granular matter model arising in industrial applications. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, .	1.0	0
11	Optical pulses with Kundu-Mukherjee-Naskar model in fiber communication systems. Chinese Journal of Physics, 2020, 64, 183-193.	3.9	47
12	Optical soliton molecules of Lakshmanandâ€“Porseziandâ€“Daniel model in birefringent fibers by trial equation technique. Optik, 2020, 203, 162690.	2.9	14
13	A third-order nonlinear SchrÃ¶dinger equation: the exact solutions, group-invariant solutions and conservation laws. Journal of Taibah University for Science, 2020, 14, 585-597.	2.5	116
14	On the multi-waves, interaction and Peregrine-like rational solutions of perturbed Radhakrishnandâ€“Kunduâ€“Lakshmanan equation. Physica Scripta, 2020, 95, 085205.	2.5	90
15	Optical solitons in fiber Bragg gratings with generalized anti-cubic nonlinearity by extended auxiliary equation. Chinese Journal of Physics, 2020, 65, 613-628.	3.9	21
16	On the exact solutions of nonlinear evolution equations by the improved $$an (varphi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (/2)	1.8	13
17	Optical solitons of Gerdjikovâ€“Ivanov equation with four-wave mixing terms in birefringent fibers using trial equation scheme. Optik, 2019, 182, 1163-1169.	2.9	7
18	Sub pico-second optical pulses in birefringent fibers for Kaupâ€“Newell equation with cutting-edge integration technologies. Results in Physics, 2019, 15, 102660.	4.1	20

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19	Extended Transformed Rational Function Method to Nonlinear Evolution Equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 691-701.	1.0	13
20	The Logarithmic (1+1)$oldsymbol{(1+1)}$-Dimensional KdV-Like and (2+1)$oldsymbol{(2+1)}$-Dimensional KP-Like Equations: Lie Group Analysis, Conservation Laws and Double Reductions. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 747-755.	1.0	3
21	Optical solitons in DWDM system with trial equation integration architecture. Optik, 2019, 182, 211-218.	2.9	10
22	Optical solitons to SchrÃ¶dingerâ€“Hirota equation in DWDM system with trial equation integration architecture. Optik, 2019, 182, 275-281.	2.9	10
23	Complexiton solutions and soliton solutions: $$(2+1)$$ (2 + 1) -dimensional Dateâ€“Jimboâ€“Kashiwaraâ€“Miwa equation. Pramana - Journal of Physics, 2019, 92, 1.	1.8	24
24	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.	4.1	6
25	Optical solitons to Sasa-Satsuma model with modified simple equation approach. Optik, 2019, 184, 271-276.	2.9	35
26	Optical soliton molecules of Manakov model by trial equation technique. Optik, 2019, 185, 1146-1151.	2.9	26
27	Optical soliton molecules of Manakov model by modified simple equation technique. Optik, 2019, 185, 1182-1188.	2.9	16
28	Optical solitons to Kunduâ€“Mukherjeeâ€“Naskar model in birefringent fibers with trial equation approach. Optik, 2019, 183, 1026-1031.	2.9	30
29	Sub pico-second pulses in mono-mode optical fibers with Triki-Biswas model using trial equation architecture. Optik, 2019, 183, 463-466.	2.9	33
30	Optical solitons to Kunduâ€“Mukherjeeâ€“Naskar model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 121-127.	2.9	25
31	Optical solitons of Gerdjikovâ€“Ivanov equation with four-wave mixing terms in birefringent fibers by modified simple equation methodology. Optik, 2019, 182, 745-754.	2.9	7
32	Optical solitons to Biswas-Arshed model in birefringent fibers using modified simple equation architecture. Optik, 2019, 182, 1149-1162.	2.9	43
33	Optical solitons to Kunduâ€“Mukherjeeâ€“Naskar model with modified simple equation approach. Optik, 2019, 184, 247-252.	2.9	48
34	Optical solitons to Chenâ€“Leeâ€“Liu model in birefringent fibers with modified simple equation approach. Optik, 2019, 183, 612-618.	2.9	15
35	Optical solitons in DWDM technology with four-wave mixing by trial equation integration architecture. Optik, 2019, 182, 625-632.	2.9	14
36	Optical solitons to Chenâ€“Leeâ€“Liu model with trial equation approach. Optik, 2019, 183, 849-853.	2.9	23

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37	Optical solitons to Chenâ€“Leeâ€“Liu model in birefringent fibers with trial equation approach. Optik, 2019, 183, 881-886.	2.9	15
38	Optical solitons to Chenâ€“Leeâ€“Liu model with modified simple equation approach. Optik, 2019, 183, 792-796.	2.9	11
39	Optical solitons to Kunduâ€“Mukherjeeâ€“Naskar model with trial equation approach. Optik, 2019, 183, 1061-1065.	2.9	37
40	Optical solitons to Sasaâ€“Satsuma model in birefringent fibers with trial equation approach. Optik, 2019, 185, 269-274.	2.9	14
41	Optical solitons to Sasa-Satsuma model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 197-204.	2.9	13
42	Optical solitons to Sasaâ€“Satsuma model with trial equation approach. Optik, 2019, 184, 70-74.	2.9	50
43	Optical solitons of Biswas-Arshed equation in birefringent fibers by trial equation technique. Optik, 2019, 182, 810-820.	2.9	46
44	Optical solitons to Gerdjikovâ€“Ivanov equation in birefringent fibers with trial equation integration architecture. Optik, 2019, 182, 349-355.	2.9	12
45	Optical solitons of Biswasâ€“Arshed equation by trial equation technique. Optik, 2019, 182, 876-883.	2.9	60
46	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.	2.9	14
47	Optical solitons of Biswas-Arshed equation by modified simple equation technique. Optik, 2019, 182, 986-994.	2.9	47
48	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.	1.8	9
49	Optical solitons to Kunduâ€“Eckhaus equation in the context of birefringent fibers by using of trial equation methodology. Optik, 2019, 182, 105-109.	2.9	10
50	Optical solitons in birefringent fibers with weak non-local nonlinearity using two forms of integration architecture. Optik, 2019, 178, 669-680.	2.9	14
51	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.	2.9	14
52	Optical solitons of Gerdjikovâ€“Ivanov equation in birefringent fibers with modified simple equation scheme. Optik, 2019, 182, 424-432.	2.9	5
53	A Novel Scheme for Nonlinear Evolution Equations Using Symbolic Computations. Journal of Applied Nonlinear Dynamics, 2019, 8, 463-473.	0.3	5
54	Algebraic Traveling Wave Solutions to Nonlinear Evolution Equations. Journal of Applied Nonlinear Dynamics, 2019, 8, 557-567.	0.3	1

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55	Solitons for perturbed Gerdjikovâ€“Ivanov equation in optical fibers and PCF by extended Kudryashovâ€™s method. Optical and Quantum Electronics, 2018, 50, 1.	3.3	48
56	Dispersive optical solitons with SchrÃ¶dingerâ€“Hirota model by trial equation method. Optik, 2018, 162, 35-41.	2.9	47
57	Dispersive optical solitons with differential group delay by a couple of integration schemes. Optik, 2018, 162, 108-120.	2.9	17
58	Optical solitons with differential group delay and four-wave mixing using two integration procedures. Optik, 2018, 167, 170-188.	2.9	19
59	Sub pico-second pulses in mono-mode optical fibers with Kaupâ€“Newell equation by a couple of integration schemes. Optik, 2018, 167, 121-128.	2.9	130
60	Optical solitons for Lakshmananâ€“Porsezianâ€“Daniel model with dual-dispersion by trial equation method. Optik, 2018, 168, 432-439.	2.9	63
61	Optical soliton perturbation with resonant nonlinear SchrÃ¶dinger's equation having full nonlinearity by modified simple equation method. Optik, 2018, 160, 33-43.	2.9	51
62	Optical solitons for Lakshmananâ€“Porsezianâ€“Daniel model by modified simple equation method. Optik, 2018, 160, 24-32.	2.9	161
63	Optical soliton perturbation with complex Ginzburgâ€“Landau equation using trial solution approach. Optik, 2018, 160, 44-60.	2.9	47
64	Optical solitons with differential group delay by trial equation method. Optik, 2018, 160, 116-123.	2.9	24
65	Optical soliton perturbation with full nonlinearity for Gerdjikovâ€“Ivanov equation by trial equation method. Optik, 2018, 157, 1214-1218.	2.9	43
66	Optical soliton perturbation with Gerdjikovâ€“Ivanov equation by modified simple equation method. Optik, 2018, 157, 1235-1240.	2.9	52
67	Optical soliton perturbation with full nonlinearity by trial equation method. Optik, 2018, 157, 1366-1375.	2.9	36
68	Conservation laws for perturbed solitons in optical metamaterials. Results in Physics, 2018, 8, 898-902.	4.1	9
69	Optical soliton perturbation with full nonlinearity for Kunduâ€“Eckhaus equation by modified simple equation method. Optik, 2018, 157, 1376-1380.	2.9	82
70	Optical soliton perturbation for complex Ginzburgâ€“Landau equation with modified simple equation method. Optik, 2018, 158, 399-415.	2.9	80
71	A (2+1)-dimensional breaking soliton equation: Solutions and conservation laws. Chaos, Solitons and Fractals, 2018, 107, 146-155.	5.1	42
72	New optical solitons of space-time conformable fractional perturbed Gerdjikov-Ivanov equation by sine-Gordon equation method. Results in Physics, 2018, 9, 1666-1672.	4.1	71

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73	Optical solitons with differential group delay for coupled Fokasâ€“Lenells equation using two integration schemes. Optik, 2018, 165, 74-86.	2.9	121
74	Optical soliton perturbation for Radhakrishnanâ€“Kunduâ€“Lakshmanan equation with a couple of integration schemes. Optik, 2018, 163, 126-136.	2.9	128
75	Optical solitons and conservation law of Kunduâ€“Eckhaus equation. Optik, 2018, 154, 551-557.	2.9	139
76	Perturbed optical solitons with spatio-temporal dispersion in (2 + 1)-dimensions by extended Kudryashov method. Optik, 2018, 158, 1-14.	2.9	39
77	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. Chinese Journal of Physics, 2018, 56, 1990-1998.	3.9	37
78	Optical soliton solutions to Fokas-lenells equation using some different methods. Optik, 2018, 173, 21-31.	2.9	132
79	On the exact solutions, lie symmetry analysis, and conservation laws of Schamelâ€“Kortewegâ€“de Vries equation. Mathematical Methods in the Applied Sciences, 2017, 40, 3927-3936.	2.3	16
80	An extended Kortewegâ€“de Vries equation: multi-soliton solutions and conservation laws. Nonlinear Dynamics, 2017, 90, 1571-1579.	5.2	14
81	Conservation laws for Gerdjikov-Ivanov equation in nonlinear fiber optics and PCF. Optik, 2017, 148, 209-214.	2.9	72
82	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.	4.1	22
83	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. Superlattices and Microstructures, 2017, 111, 487-498.	3.1	52
84	Multiple exp-function method for soliton solutions of nonlinear evolution equations. Chinese Physics B, 2017, 26, 070201.	1.4	22
85	A multiple exp-function method for the three model equations of shallow water waves. Nonlinear Dynamics, 2017, 89, 2291-2297.	5.2	30
86	On the conservation laws of modified KdV-KP equation. Filomat, 2017, 31, 1483-1490.	0.5	2
87	The G â€² / G , 1 / G $oldsymbol {left (G^{prime }/G,1/Gight)}$ -expansion method for solving nonlinear spaceâ€“time fractional differential equations. Pramana - Journal of Physics, 2016, 87, 1.	1.8	25
88	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.	1.8	3
89	Nonlinear self adjointness, conservation laws and exact solutions of ill-posed Boussinesq equation. Open Physics, 2016, 14, 37-43.	1.7	20
90	A Procedure to Construct Conservation Laws of Nonlinear Evolution Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 475-480.	1.5	4

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91	Lie symmetry analysis, conservation laws and exact solutions of the seventh-order time fractional Sawadaâ€“Koteraâ€“Ito equation. Results in Physics, 2016, 6, 322-328.	4.1	59
92	A procedure on the first integrals of second-order nonlinear ordinary differential equations. European Physical Journal Plus, 2015, 130, 1.	2.6	2
93	Conservation Laws and Soliton Solutions of the (1+1)-Dimensional Modified Improved Boussinesq Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 669-672.	1.5	8
94	On the conservation laws of Derridaâ€“Lebowitzâ€“Speerâ€“Spohn equation. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 1297-1304.	3.3	9
95	On the Conservation Laws and Exact Solutions of a Modified Hunter-Saxton Equation. Advances in Mathematical Physics, 2014, 2014, 1-6.	0.8	2
96	A Short Note on Nonlocal Transformations and First Integrals for Certain Nonlinear Oscillator Equations. Abstract and Applied Analysis, 2013, 2013, 1-3.	0.7	0
97	Advances in Lie Groups and Applications in Applied Sciences. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.7	0
98	Î»â€symmetries, nonlocal transformations and first integrals to a class of PainlevÃ©â€“Gambier equations. Mathematical Methods in the Applied Sciences, 2012, 35, 684-692.	2.3	8
99	Group properties and conservation laws for nonlocal shallow water wave equation. Applied Mathematics and Computation, 2011, 218, 974-979.	2.2	12
100	On symmetries, conservation laws and invariant solutions of the foam-drainage equation. International Journal of Non-Linear Mechanics, 2011, 46, 357-362.	2.6	26
101	Integrating Factors and First Integrals for LiÃ©nard Type and Frequency-Damped Oscillators. Mathematical Problems in Engineering, 2011, 2011, 1-10.	1.1	10
102	Application of the Composite Variational Principle to Shallow Water Equations. , 2011, , 73-78.		0
103	New travelling wave solutions to the Ostrovsky equation. Applied Mathematics and Computation, 2010, 216, 3191-3194.	2.2	20
104	Invariant solutions and conservation laws to nonconservative FP equation. Computers and Mathematics With Applications, 2010, 59, 3203-3210.	2.7	15
105	On the conservation laws and invariant solutions of the mKdV equation. Journal of Mathematical Analysis and Applications, 2010, 363, 174-181.	1.0	31
106	Conservation laws for one-layer shallow water wave systems. Nonlinear Analysis: Real World Applications, 2010, 11, 838-848.	1.7	27
107	Conservation laws for a class of soil water equations. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3193-3200.	3.3	10
108	On the conservation laws and traveling wave solutions to the BBM equation. Journal of Interdisciplinary Mathematics, 2010, 13, 77-86.	0.7	0

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109	Application of the Jacobi method and integrating factors to a class of PainlevÃ©â€“Gambier equations. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 295202.	2.1	6
110	Variational principles and conservation laws toÂtheÂBurridgeâ€“Knopoff equation. Nonlinear Dynamics, 2008, 54, 307-312.	5.2	16