

# Emrullah Yasar

## List of Publications by Year in descending order

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110  
papers

3,417  
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117453

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docs citations

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times ranked

636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical solitons in birefringent fibers with Kaup's Newell equation using two integration schemes. <i>Optik</i> , 2022, 251, 167992.	1.4	22
2	Cubic-quartic optical solitons in birefringent fibers with Kaup's Newell equation using different arithmetic algorithms. <i>Optik</i> , 2022, 255, 168686.	1.4	5
3	Highly dispersive optical soliton molecules to dual-mode nonlinear Schrödinger wave equation in cubic law media. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	13
4	On the Lie symmetry analysis, analytic series solutions, and conservation laws of the time fractional Belousov-Zhabotinskii system. <i>Nonlinear Dynamics</i> , 2022, 109, 2997-3008.	2.7	7
5	Breather-type and multi-wave solutions for nonlocal Gardner equation. <i>Applied Mathematics and Computation</i> , 2021, 390, 125663.	0.784314	10
6	The generalized exponential rational function and Elzaki-Adomian decomposition method for the Heisenberg ferromagnetic spin chain equation. <i>Modern Physics Letters B</i> , 2021, 35, 2150200.	1.0	5
7	Cubic-quartic optical soliton perturbation with Lakshmanan-Porsezian-Daniel model by sine-Gordon equation approach. <i>Journal of Optics (India)</i> , 2021, 50, 322-329.	0.8	38
8	Cubic-quartic optical soliton perturbation with Lakshmanan-Porsezian-Daniel model. <i>Optik</i> , 2021, 233, 166385.	1.4	16
9	Multi-wave, breather and interaction solutions to (3+1) dimensional Vakhnenko-Parkes equation arising at propagation of high-frequency waves in a relaxing medium. <i>Journal of Taibah University for Science</i> , 2021, 15, 666-678.	1.1	57
10	Propagation of dark-bright soliton and kink wave solutions of fluidized granular matter model arising in industrial applications. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021, .	0.4	0
11	Optical pulses with Kundu-Mukherjee-Naskar model in fiber communication systems. <i>Chinese Journal of Physics</i> , 2020, 64, 183-193.	2.0	47
12	Optical soliton molecules of Lakshmanan-Porsezian-Daniel model in birefringent fibers by trial equation technique. <i>Optik</i> , 2020, 203, 162690.	1.4	14
13	A third-order nonlinear Schrödinger equation: the exact solutions, group-invariant solutions and conservation laws. <i>Journal of Taibah University for Science</i> , 2020, 14, 585-597.	1.1	116
14	On the multi-waves, interaction and Peregrine-like rational solutions of perturbed Radhakrishnan-Kundu-Lakshmanan equation. <i>Physica Scripta</i> , 2020, 95, 085205.	1.2	90
15	Optical solitons in fiber Bragg gratings with generalized anti-cubic nonlinearity by extended auxiliary equation. <i>Chinese Journal of Physics</i> , 2020, 65, 613-628.	2.0	21
16	On the exact solutions of nonlinear evolution equations by the improved $\phi$ -expansion method. <i>Optik</i> , 2020, 203, 162690.	0.9	13
17	Optical solitons of Gerdjikov-Ivanov equation with four-wave mixing terms in birefringent fibers using trial equation scheme. <i>Optik</i> , 2019, 182, 1163-1169.	1.4	7
18	Sub pico-second optical pulses in birefringent fibers for Kaup's Newell equation with cutting-edge integration technologies. <i>Results in Physics</i> , 2019, 15, 102660.	2.0	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.	0.4	13
20	The Logarithmic $(1+1)$ -Dimensional KdV-Like and $(2+1)$ -Dimensional KP-Like Equations: Lie Group Analysis, Conservation Laws and Double Reductions. International Journal of Nonlinear Sciences and Numerical Simulation, 2019, 20, 747-755.	0.4	3
21	Optical solitons in DWDM system with trial equation integration architecture. Optik, 2019, 182, 211-218.	1.4	10
22	Optical solitons to Schrödinger-Hirota equation in DWDM system with trial equation integration architecture. Optik, 2019, 182, 275-281.	1.4	10
23	Complexiton solutions and soliton solutions: $(2+1)$ -dimensional Date-Jimbo-Kashiwara-Miwa equation. Pramana - Journal of Physics, 2019, 92, 1.	0.9	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.	2.0	6
25	Optical solitons to Sasa-Satsuma model with modified simple equation approach. Optik, 2019, 184, 271-276.	1.4	35
26	Optical soliton molecules of Manakov model by trial equation technique. Optik, 2019, 185, 1146-1151.	1.4	26
27	Optical soliton molecules of Manakov model by modified simple equation technique. Optik, 2019, 185, 1182-1188.	1.4	16
28	Optical solitons to Kundu-Mukherjee-Naskar model in birefringent fibers with trial equation approach. Optik, 2019, 183, 1026-1031.	1.4	30
29	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
30	Optical solitons to Kundu-Mukherjee-Naskar model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 121-127.	1.4	25
31	Optical solitons of Gerdjikov-Ivanov equation with four-wave mixing terms in birefringent fibers by modified simple equation methodology. Optik, 2019, 182, 745-754.	1.4	7
32	Optical solitons to Biswas-Arshed model in birefringent fibers using modified simple equation architecture. Optik, 2019, 182, 1149-1162.	1.4	43
33	Optical solitons to Kundu-Mukherjee-Naskar model with modified simple equation approach. Optik, 2019, 184, 247-252.	1.4	48
34	Optical solitons to Chen-Lee-Liu model in birefringent fibers with modified simple equation approach. Optik, 2019, 183, 612-618.	1.4	15
35	Optical solitons in DWDM technology with four-wave mixing by trial equation integration architecture. Optik, 2019, 182, 625-632.	1.4	14
36	Optical solitons to Chen-Lee-Liu model with trial equation approach. Optik, 2019, 183, 849-853.	1.4	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.	1.4	15
38	Optical solitons to Chenâ€“Leeâ€“Liu model with modified simple equation approach. Optik, 2019, 183, 792-796.	1.4	11
39	Optical solitons to Kunduâ€“Mukherjeeâ€“Naskar model with trial equation approach. Optik, 2019, 183, 1061-1065.	1.4	37
40	Optical solitons to Sasaâ€“Satsuma model in birefringent fibers with trial equation approach. Optik, 2019, 185, 269-274.	1.4	14
41	Optical solitons to Sasa-Satsuma model in birefringent fibers with modified simple equation approach. Optik, 2019, 184, 197-204.	1.4	13
42	Optical solitons to Sasaâ€“Satsuma model with trial equation approach. Optik, 2019, 184, 70-74.	1.4	50
43	Optical solitons of Biswas-Arshed equation in birefringent fibers by trial equation technique. Optik, 2019, 182, 810-820.	1.4	46
44	Optical solitons to Gerdjikovâ€“Ivanov equation in birefringent fibers with trial equation integration architecture. Optik, 2019, 182, 349-355.	1.4	12
45	Optical solitons of Biswasâ€“Arshed equation by trial equation technique. Optik, 2019, 182, 876-883.	1.4	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.	1.4	14
47	Optical solitons of Biswas-Arshed equation by modified simple equation technique. Optik, 2019, 182, 986-994.	1.4	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.	0.9	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.	1.4	10
50	Optical solitons in birefringent fibers with weak non-local nonlinearity using two forms of integration architecture. Optik, 2019, 178, 669-680.	1.4	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.	1.4	14
52	Optical solitons of Gerdjikovâ€“Ivanov equation in birefringent fibers with modified simple equation scheme. Optik, 2019, 182, 424-432.	1.4	5
53	A Novel Scheme for Nonlinear Evolution Equations Using Symbolic Computations. Journal of Applied Nonlinear Dynamics, 2019, 8, 463-473.	0.1	5
54	Algebraic Traveling Wave Solutions to Nonlinear Evolution Equations. Journal of Applied Nonlinear Dynamics, 2019, 8, 557-567.	0.1	1

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55	Solitons for perturbed Gerdjikovâ€™Ivanov equation in optical fibers and PCF by extended Kudryashovâ€™TM's method. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	48
56	Dispersive optical solitons with Schrödingerâ€™Hirota model by trial equation method. <i>Optik</i> , 2018, 162, 35-41.	1.4	47
57	Dispersive optical solitons with differential group delay by a couple of integration schemes. <i>Optik</i> , 2018, 162, 108-120.	1.4	17
58	Optical solitons with differential group delay and four-wave mixing using two integration procedures. <i>Optik</i> , 2018, 167, 170-188.	1.4	19
59	Sub pico-second pulses in mono-mode optical fibers with Kaupâ€™Newell equation by a couple of integration schemes. <i>Optik</i> , 2018, 167, 121-128.	1.4	130
60	Optical solitons for Lakshmananâ€™Porsezianâ€™Daniel model with dual-dispersion by trial equation method. <i>Optik</i> , 2018, 168, 432-439.	1.4	63
61	Optical soliton perturbation with resonant nonlinear Schrödinger's equation having full nonlinearity by modified simple equation method. <i>Optik</i> , 2018, 160, 33-43.	1.4	51
62	Optical solitons for Lakshmananâ€™Porsezianâ€™Daniel model by modified simple equation method. <i>Optik</i> , 2018, 160, 24-32.	1.4	161
63	Optical soliton perturbation with complex Ginzburgâ€™Landau equation using trial solution approach. <i>Optik</i> , 2018, 160, 44-60.	1.4	47
64	Optical solitons with differential group delay by trial equation method. <i>Optik</i> , 2018, 160, 116-123.	1.4	24
65	Optical soliton perturbation with full nonlinearity for Gerdjikovâ€™Ivanov equation by trial equation method. <i>Optik</i> , 2018, 157, 1214-1218.	1.4	43
66	Optical soliton perturbation with Gerdjikovâ€™Ivanov equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1235-1240.	1.4	52
67	Optical soliton perturbation with full nonlinearity by trial equation method. <i>Optik</i> , 2018, 157, 1366-1375.	1.4	36
68	Conservation laws for perturbed solitons in optical metamaterials. <i>Results in Physics</i> , 2018, 8, 898-902.	2.0	9
69	Optical soliton perturbation with full nonlinearity for Kunduâ€™Eckhaus equation by modified simple equation method. <i>Optik</i> , 2018, 157, 1376-1380.	1.4	82
70	Optical soliton perturbation for complex Ginzburgâ€™Landau equation with modified simple equation method. <i>Optik</i> , 2018, 158, 399-415.	1.4	80
71	A (2+1)-dimensional breaking soliton equation: Solutions and conservation laws. <i>Chaos, Solitons and Fractals</i> , 2018, 107, 146-155.	2.5	42
72	New optical solitons of space-time conformable fractional perturbed Gerdjikov-Ivanov equation by sine-Gordon equation method. <i>Results in Physics</i> , 2018, 9, 1666-1672.	2.0	71

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73	Optical solitons with differential group delay for coupled Fokas-Lenells equation using two integration schemes. <i>Optik</i> , 2018, 165, 74-86.	1.4	121
74	Optical soliton perturbation for Radhakrishnan-Kundu-Lakshmanan equation with a couple of integration schemes. <i>Optik</i> , 2018, 163, 126-136.	1.4	128
75	Optical solitons and conservation law of Kundu-Eckhaus equation. <i>Optik</i> , 2018, 154, 551-557.	1.4	139
76	Perturbed optical solitons with spatio-temporal dispersion in (2 + 1)-dimensions by extended Kudryashov method. <i>Optik</i> , 2018, 158, 1-14.	1.4	39
77	Optical soliton perturbation with quadratic-cubic nonlinearity using a couple of strategic algorithms. <i>Chinese Journal of Physics</i> , 2018, 56, 1990-1998.	2.0	37
78	Optical soliton solutions to Fokas-Lenells equation using some different methods. <i>Optik</i> , 2018, 173, 21-31.	1.4	132
79	On the exact solutions, Lie symmetry analysis, and conservation laws of Schamel-Korteweg-de Vries equation. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 3927-3936.	1.2	16
80	An extended Korteweg-de Vries equation: multi-soliton solutions and conservation laws. <i>Nonlinear Dynamics</i> , 2017, 90, 1571-1579.	2.7	14
81	Conservation laws for Gerdjikov-Ivanov equation in nonlinear fiber optics and PCF. <i>Optik</i> , 2017, 148, 209-214.	1.4	72
82	Nonlinear Schrödinger equations with spatio-temporal dispersion in Kerr, parabolic, power and dual power law media: A novel extended Kudryashov's algorithm and soliton solutions. <i>Results in Physics</i> , 2017, 7, 3116-3123.	2.0	22
83	Perturbed dark and singular optical solitons in polarization preserving fibers by modified simple equation method. <i>Superlattices and Microstructures</i> , 2017, 111, 487-498.	1.4	52
84	Multiple exp-function method for soliton solutions of nonlinear evolution equations. <i>Chinese Physics B</i> , 2017, 26, 070201.	0.7	22
85	A multiple exp-function method for the three model equations of shallow water waves. <i>Nonlinear Dynamics</i> , 2017, 89, 2291-2297.	2.7	30
86	On the conservation laws of modified KdV-KP equation. <i>Filomat</i> , 2017, 31, 1483-1490.	0.2	2
87	The $G^{\prime}/G, 1/G$ expansion method for solving nonlinear space-time fractional differential equations. <i>Pramana - Journal of Physics</i> , 2016, 87, 1.	0.9	25
88	First integrals and analytical solutions of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient. <i>Pramana - Journal of Physics</i> , 2016, 87, 1.	0.9	3
89	Nonlinear self adjointness, conservation laws and exact solutions of ill-posed Boussinesq equation. <i>Open Physics</i> , 2016, 14, 37-43.	0.8	20
90	A Procedure to Construct Conservation Laws of Nonlinear Evolution Equations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2016, 71, 475-480.	0.7	4

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91	Lie symmetry analysis, conservation laws and exact solutions of the seventh-order time fractional Sawada-Kotera equation. Results in Physics, 2016, 6, 322-328.	2.0	59
92	A procedure on the first integrals of second-order nonlinear ordinary differential equations. European Physical Journal Plus, 2015, 130, 1.	1.2	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.	0.7	8
94	On the conservation laws of Derrida-Lebowitz-Speer-Spohn equation. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 1297-1304.	1.7	9
95	On the Conservation Laws and Exact Solutions of a Modified Hunter-Saxton Equation. Advances in Mathematical Physics, 2014, 2014, 1-6.	0.4	2
96	A Short Note on Nonlocal Transformations and First Integrals for Certain Nonlinear Oscillator Equations. Abstract and Applied Analysis, 2013, 2013, 1-3.	0.3	0
97	Advances in Lie Groups and Applications in Applied Sciences. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.3	0
98	Symmetries, nonlocal transformations and first integrals to a class of Painlevé-Gambier equations. Mathematical Methods in the Applied Sciences, 2012, 35, 684-692.	1.2	8
99	Group properties and conservation laws for nonlocal shallow water wave equation. Applied Mathematics and Computation, 2011, 218, 974-979.	1.4	12
100	On symmetries, conservation laws and invariant solutions of the foam-drainage equation. International Journal of Non-Linear Mechanics, 2011, 46, 357-362.	1.4	26
101	Integrating Factors and First Integrals for Liouville Type and Frequency-Damped Oscillators. Mathematical Problems in Engineering, 2011, 2011, 1-10.	0.6	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.	1.4	20
104	Invariant solutions and conservation laws to nonconservative FP equation. Computers and Mathematics With Applications, 2010, 59, 3203-3210.	1.4	15
105	On the conservation laws and invariant solutions of the mKdV equation. Journal of Mathematical Analysis and Applications, 2010, 363, 174-181.	0.5	31
106	Conservation laws for one-layer shallow water wave systems. Nonlinear Analysis: Real World Applications, 2010, 11, 838-848.	0.9	27
107	Conservation laws for a class of soil water equations. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3193-3200.	1.7	10
108	On the conservation laws and traveling wave solutions to the BBM equation. Journal of Interdisciplinary Mathematics, 2010, 13, 77-86.	0.4	0

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109	Application of the Jacobi method and integrating factors to a class of Painlevé-Gambier equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 295202.	0.7	6
110	Variational principles and conservation laws to the Burridge-Knopoff equation. <i>Nonlinear Dynamics</i> , 2008, 54, 307-312.	2.7	16