Lakhveer Kaur

List of Publications by Year
in descending order

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Version: 2024-02-01

25	1,010	393982	610482
papers	citations	19 h-index	24 g-index

25	25	25	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Emerging Advancements in Mathematical Sciences. , 2022, , .		1
2	Optical soliton solutions of variable coefficient Biswasâ€“Milovic (BM) model comprising Kerr law and damping effect. Optik, 2022, 266, 169617.	1.4	49
3	Einstein's vacuum field equation: PainlevÃ© analysis and Lie symmetries. Waves in Random and Complex Media, 2021, 31, 199-206.	1.6	53
4	New Exact Solutions of the $$(4+1)$$-Dimensional Fokas Equation Via Extended Version of $$exp (-psi) Tj ETQq0 0 0 rgBT /Overlock 10 7, 1.	0.9	13
5	Some exact invariant solutions and dynamical structures of multiple solitons for the (2+1)-dimensional Bogoyavlensky-Konopelchenko equation with variable coefficients using Lie symmetry analysis. Chinese Journal of Physics, 2021, 71, 518-538.	2.0	20
6	Computing solitary wave solutions of coupled nonlinear Hirota and Helmholtz equations. Physica A: Statistical Mechanics and Its Applications, 2020, 560, 125114.	1.2	30
7	Nonclassical symmetries and analytic solutions to Kawahara equation. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050118.	0.8	2
8	Dynamics of higher-order bright and dark rogue waves in a new (2+1)-dimensional integrable Boussinesq model. Physica Scripta, 2020, 95, 115213.	1.2	41
9	Solitary Wave Solutions for $$(1+2)$$-Dimensional Nonlinear SchrÃ¶dinger Equation with Dual Power Law Nonlinearity. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	0.9	3
10	Uncertainty and negationâ€”Information theoretic applications. International Journal of Intelligent Systems, 2019, 34, 1248-1260.	3.3	31
11	New integrable Boussinesq equations of distinct dimensions with diverse variety of soliton solutions. Nonlinear Dynamics, 2019, 97, 83-94.	2.7	102
12	Optical solitons for nonlinear SchrÃ¶dinger (NLS) equation in normal dispersive regimes. Optik, 2019, 184, 428-435.	1.4	57
13	Optical solitons and Peregrine solitons for nonlinear SchrÃ¶dinger equation by variational iteration method. Optik, 2019, 179, 804-809.	1.4	32
14	Bright â€“ dark optical solitons for SchrÃ¶dinger-Hirota equation with variable coefficients. Optik, 2019, 179, 479-484.	1.4	95
15	Complex simplified Hirotaâ€™s forms and Lie symmetry analysis for multiple real and complex soliton solutions of the modified KdVâ€“Sine-Gordon equation. Nonlinear Dynamics, 2019, 95, 2209-2215.	2.7	69
16	Lie symmetry based-analytical and numerical approach for modified Burgers-KdV equation. Results in Physics, 2018, 8, 1136-1142.	2.0	28
17	A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts. Physica Scripta, 2018, 93, 115201.	1.2	30
18	Optical solitons for perturbed Gerdjikovâ€“Ivanov equation. Optik, 2018, 174, 447-451.	1.4	43

#	Article	IF	Citations
19	PainlevÃ© analysis and invariant solutions of generalized fifth-order nonlinear integrable equation. Nonlinear Dynamics, 2018, 94, 2469-2477.	2.7	91
20	New exact solutions to extended (3â€‰+â€‰1)â€dimensional Jimboâ€Miwa equations by using bilinear forms. Mathematical Methods in the Applied Sciences, 2018, 41, 7566-7575.	1.2	11
21	Dynamical analysis of lump solutions for (3 + 1) dimensional generalized KPâ€“Boussinesq equation and Its dimensionally reduced equations. Physica Scripta, 2018, 93, 075203.	1.2	99
22	On the solutions of field equations due to rotating bodies in General Relativity. St Petersburg Polytechnical University Journal Physics and Mathematics, 2017, 3, 352-358.	0.3	2
23	Some invariant solutions of field equations with axial symmetry for empty space containing an electrostatic field. Applied Mathematics and Computation, 2014, 231, 560-565.	1.4	23
24	Kawahara equation and modified Kawahara equation with time dependent coefficients: symmetry analysis and generalized â€expansion method. Mathematical Methods in the Applied Sciences, 2013, 36, 584-600.	1.2	65
25	On symmetries and exact solutions of the Einsteinâ€“Maxwell field equations via the symmetry approach. Physica Scripta, 2013, 87, 035003.	1.2	20