

Lakhveer Kaur

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,010
citations

393982

19
h-index

610482

24
g-index

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docs citations

25
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	New integrable Boussinesq equations of distinct dimensions with diverse variety of soliton solutions. <i>Nonlinear Dynamics</i> , 2019, 97, 83-94.	2.7	102
2	Dynamical analysis of lump solutions for (3 + 1) dimensional generalized KP-Boussinesq equation and its dimensionally reduced equations. <i>Physica Scripta</i> , 2018, 93, 075203.	1.2	99
3	Bright & dark optical solitons for Schrödinger-Hirota equation with variable coefficients. <i>Optik</i> , 2019, 179, 479-484.	1.4	95
4	Painlevé analysis and invariant solutions of generalized fifth-order nonlinear integrable equation. <i>Nonlinear Dynamics</i> , 2018, 94, 2469-2477.	2.7	91
5	Complex simplified Hirota's forms and Lie symmetry analysis for multiple real and complex soliton solutions of the modified KdV-Sine-Gordon equation. <i>Nonlinear Dynamics</i> , 2019, 95, 2209-2215.	2.7	69
6	Kawahara equation and modified Kawahara equation with time dependent coefficients: symmetry analysis and generalized expansion method. <i>Mathematical Methods in the Applied Sciences</i> , 2013, 36, 584-600.	1.2	65
7	Optical solitons for nonlinear Schrödinger (NLS) equation in normal dispersive regimes. <i>Optik</i> , 2019, 184, 428-435.	1.4	57
8	Einstein's vacuum field equation: Painlevé analysis and Lie symmetries. <i>Waves in Random and Complex Media</i> , 2021, 31, 199-206.	1.6	53
9	Optical soliton solutions of variable coefficient Biswas-Milovic (BM) model comprising Kerr law and damping effect. <i>Optik</i> , 2022, 266, 169617.	1.4	49
10	Optical solitons for perturbed Gerdjikov-Ivanov equation. <i>Optik</i> , 2018, 174, 447-451.	1.4	43
11	Dynamics of higher-order bright and dark rogue waves in a new (2+1)-dimensional integrable Boussinesq model. <i>Physica Scripta</i> , 2020, 95, 115213.	1.2	41
12	Optical solitons and Peregrine solitons for nonlinear Schrödinger equation by variational iteration method. <i>Optik</i> , 2019, 179, 804-809.	1.4	32
13	Uncertainty and negation's Information theoretic applications. <i>International Journal of Intelligent Systems</i> , 2019, 34, 1248-1260.	3.3	31
14	A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts. <i>Physica Scripta</i> , 2018, 93, 115201.	1.2	30
15	Computing solitary wave solutions of coupled nonlinear Hirota and Helmholtz equations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 560, 125114.	1.2	30
16	Lie symmetry based-analytical and numerical approach for modified Burgers-KdV equation. <i>Results in Physics</i> , 2018, 8, 1136-1142.	2.0	28
17	Some invariant solutions of field equations with axial symmetry for empty space containing an electrostatic field. <i>Applied Mathematics and Computation</i> , 2014, 231, 560-565.	1.4	23
18	On symmetries and exact solutions of the Einstein-Maxwell field equations via the symmetry approach. <i>Physica Scripta</i> , 2013, 87, 035003.	1.2	20

#	ARTICLE	IF	CITATIONS
19	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
20	New Exact Solutions of the $(4+1)$ -Dimensional Fokas Equation Via Extended Version of $\exp(-\psi) T_j$ ETQq0 0 0 rgBT /Overlock 10 7, 1.	0.9	13
21	New exact solutions to extended $(3+1)$ -dimensional Jimbo-Miwa equations by using bilinear forms. Mathematical Methods in the Applied Sciences, 2018, 41, 7566-7575.	1.2	11
22	Solitary Wave Solutions for $(1+2)$ -Dimensional Nonlinear Schrödinger Equation with Dual Power Law Nonlinearity. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	0.9	3
23	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
24	Nonclassical symmetries and analytic solutions to Kawahara equation. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050118.	0.8	2
25	Emerging Advancements in Mathematical Sciences. , 2022, , .		1