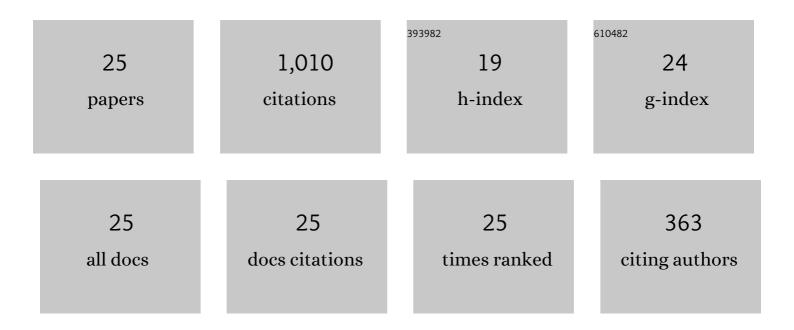
Lakhveer Kaur

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----------------|--------------------|
| 1 | Emerging Advancements in Mathematical Sciences. , 2022, , . | | 1 |
| 2 | Optical soliton solutions of variable coefficient Biswas–Milovic (BM) model comprising Kerr law and damping effect. Optik, 2022, 266, 169617. | 1.4 | 49 |
| 3 | Einstein's vacuum field equation: Painlev \tilde{A} 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 7, 1. | 0 0 rgBT 0.9 | /Overlock 10 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 Schrödinger Equation with Dual Power Law Nonlinearity. International Journal of Applied and Computational Mathematics, 2019, 5, 1. | 0.9 | 3 |
| 10 | Uncertainty and negation—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 Schrödinger (NLS) equation in normal dispersive regimes. Optik, 2019, 184, 428-435. | 1.4 | 57 |
| 13 | Optical solitons and Peregrine solitons for nonlinear Schrödinger equation by variational iteration method. Optik, 2019, 179, 804-809. | 1.4 | 32 |
| 14 | Bright – dark optical solitons for Schrödinger-Hirota equation with variable coefficients. Optik, 2019, 179, 479-484. | 1.4 | 95 |
| 15 | Complex simplified Hirota's forms and Lie symmetry analysis for multiple real and complex soliton solutions of the modified KdV–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 Gerdjikov–Ivanov equation. Optik, 2018, 174, 447-451. | 1.4 | 43 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Painlevé 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 (3 + 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 KP–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 Einstein–Maxwell field equations via the symmetry approach. Physica Scripta, 2013, 87, 035003. | 1.2 | 20 |