

# Dig Vijay Tanwar

## List of Publications by Year in descending order

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Lie Symmetries and Dynamical Behavior of Soliton Solutions of KP-BBM Equation. Qualitative Theory of Dynamical Systems, 2022, 21, 1.   | 1.7 | 11        |
| 2  | On Lie symmetries and invariant solutions of Broer's Kaup's Kupershmidt equation in shallow water of uniform depth. Journal of Ocean Engineering and Science, 2022, , .        | 4.3 | 8         |
| 3  | Lie symmetries, invariant solutions and phenomena dynamics of Boiti's Leon's Pempinelli system. Physica Scripta, 2022, 97, 075209.   | 2.5 | 8         |
| 4  | Optimal system, symmetry reductions and group-invariant solutions of (2+1)-dimensional ZK-BBM equation. Physica Scripta, 2021, 96, 065215.                                     | 2.5 | 14        |
| 5  | Lie symmetries, exact solutions and conservation laws of the Date's Jimbo's Kashiwara's Miwa equation. Nonlinear Dynamics, 2021, 106, 3453-3468.                               | 5.2 | 16        |
| 6  | Lie symmetries and invariant solutions of $(2+1)$ -dimensional breaking soliton equation. Pramana - Journal of Physics, 2020, 94, 1.   | 1.8 | 10        |
| 7  | Lie symmetries and dynamics of exact solutions of dissipative Zabolotskaya's Khokhlov equation in nonlinear acoustics. European Physical Journal Plus, 2020, 135, 1.           | 2.6 | 14        |
| 8  | Lie symmetries, optimal system and dynamics of exact solutions of (2+1)-dimensional KP-BBM equation. Physica Scripta, 2020, 95, 065220.  | 2.5 | 32        |
| 9  | Lie symmetry reductions and dynamics of solitary wave solutions of breaking soliton equation. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950110. | 2.0 | 11        |
| 10 | On Lie symmetries and invariant solutions of (2+1)-dimensional Gardner equation. Communications in Nonlinear Science and Numerical Simulation, 2019, 69, 45-57.                | 3.3 | 29        |
| 11 | On closed form solutions of (2+1)-breaking soliton system by similarity transformations method. Computers and Mathematics With Applications, 2018, 75, 218-234.                | 2.7 | 24        |
| 12 | On some invariant solutions of (2+1)-dimensional Korteweg's de Vries equations. Computers and Mathematics With Applications, 2018, 76, 2535-2548.                              | 2.7 | 23        |
| 13 | On Lie symmetries and soliton solutions of $(2+1)$ (2 + 1) -dimensional Bogoyavlenskii equations. Nonlinear Dynamics, 2018, 94, 2547-2561.                                     | 5.2 | 30        |