

# Dig Vijay Tanwar

## List of Publications by Year in descending order

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13  
papers

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