

# Setu Rani

## List of Publications by Year in descending order

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6  
papers

247  
citations

1684188

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h-index

1872680

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g-index

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docs citations

7  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Invariance analysis, optimal system, closed-form solutions and dynamical wave structures of a (2+1)-dimensional dissipative long wave system. <i>Physica Scripta</i> , 2021, 96, 125202.	2.5	86
2	Lie symmetry reductions and dynamics of soliton solutions of (2+1)-dimensional Pavlov equation. <i>Pramana - Journal of Physics</i> , 2020, 94, 1.	1.8	62
3	Symmetries of optimal system, various closed-form solutions, and propagation of different wave profiles for the Boussinesq-Burgers system in ocean waves. <i>Physics of Fluids</i> , 2022, 34, .	4.0	43
4	Lie symmetry analysis, group-invariant solutions and dynamics of solitons to the (2+1)-dimensional Bogoyavlenskii-Schieff equation. <i>Pramana - Journal of Physics</i> , 2021, 95, 1.	1.8	31
5	Study of exact analytical solutions and various wave profiles of a new extended (2+1)-dimensional Boussinesq equation using symmetry analysis. <i>Journal of Ocean Engineering and Science</i> , 2022, 7, 475-484.	4.3	21
6	Lie Symmetry Analysis and Dynamics of Exact Solutions of the (2+1)-Dimensional Nonlinear Sharma-Tasso-Olver Equation. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-12.	1.1	3