

Brij Mohan

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

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citations

1684188

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | A study of multi-soliton solutions, breather, lumps, and their interactions for kadomtsev-petviashvili equation with variable time coefficient using hirota method. <i>Physica Scripta</i> , 2021, 96, 125255. | 2.5 | 73 |
| 2 | Lump, soliton, and interaction solutions to a generalized two-mode higher-order nonlinear evolution equation in plasma physics. <i>Nonlinear Dynamics</i> , 2022, 110, 693-704. | 5.2 | 60 |
| 3 | Generalized fifth-order nonlinear evolution equation for the Sawada-Kotera, Lax, and Caudrey-Dodd-Gibbon equations in plasma physics: Painlevé analysis and multi-soliton solutions. <i>Physica Scripta</i> , 2022, 97, 035201. | 2.5 | 47 |
| 4 | A novel and efficient method for obtaining Hirota's bilinear form for the nonlinear evolution equation in $(n+1)$ dimensions. <i>Partial Differential Equations in Applied Mathematics</i> , 2022, 5, 100274. | 2.4 | 21 |
| 5 | Evolutionary dynamics of solitary wave profiles and abundant analytical solutions to a $(3+1)$ -dimensional burgers system in ocean physics and hydrodynamics. <i>Journal of Ocean Engineering and Science</i> , 2023, 8, 1-14. | 4.3 | 17 |