

Vishal Vasan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

182
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1478505

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1281871

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100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Impact of freely falling liquid containers and subsequent jetting. <i>Experiments in Fluids</i> , 2022, 63, . | 2.4 | 2 |
| 2 | Spatio-temporal relationships between rainfall and convective clouds during Indian monsoon through a discrete lens. <i>International Journal of Climatology</i> , 2021, 41, 1351-1368. | 3.5 | 3 |
| 3 | Soliton-like behaviour in non-integrable systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 425701. | 2.1 | 0 |
| 4 | Provable bounds for the Korteweg-de Vries reduction in multi-component nonlinear Schrödinger equation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 135206. | 2.1 | 1 |
| 5 | Accurate solution method for the Maxey-Riley equation, and the effects of Basset history. <i>Journal of Fluid Mechanics</i> , 2019, 868, 428-460. | 3.4 | 27 |
| 6 | Water-wave profiles from pressure measurements: Extensions. <i>Applied Mathematics Letters</i> , 2017, 68, 175-180. | 2.7 | 6 |
| 7 | A method to recover water-wave profiles from pressure measurements. <i>Wave Motion</i> , 2017, 75, 25-35. | 2.0 | 6 |
| 8 | Fokas's Unified Transform Method for linear systems. <i>Quarterly of Applied Mathematics</i> , 2017, 76, 463-488. | 0.7 | 14 |
| 9 | The Method of Fokas for Solving Linear Partial Differential Equations. <i>SIAM Review</i> , 2014, 56, 159-186. | 9.5 | 88 |
| 10 | The inverse water wave problem of bathymetry detection. <i>Journal of Fluid Mechanics</i> , 2013, 714, 562-590. | 3.4 | 23 |
| 11 | A new equation describing travelling water waves. <i>Journal of Fluid Mechanics</i> , 2013, 717, 514-522. | 3.4 | 4 |
| 12 | The Bernoulli boundary condition for traveling water waves. <i>Applied Mathematics Letters</i> , 2013, 26, 515-519. | 2.7 | 8 |