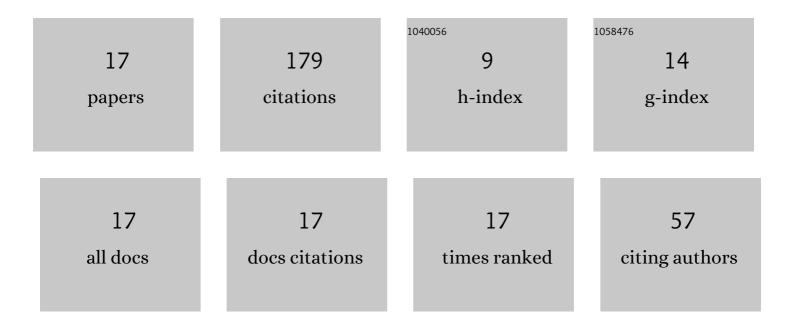
Sudip Debnath

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7101029/publications.pdf Version: 2024-02-01



SUDID DERMATH

| # | Article | IF | CITATIONS |
|----|--|--------------------------------------|-----------|
| 1 | Dispersion phenomena of reactive solute in a pulsatile flow of three-layer liquids. Physics of Fluids, 2017, 29, . | 4.0 | 40 |
| 2 | Transport of a reactive solute in a pulsatile non-Newtonian liquid flowing through an annular pipe. Journal of Engineering Mathematics, 2019, 116, 1-22. | 1.2 | 24 |
| 3 | Hydrodynamic dispersion of reactive solute in a Hagen–Poiseuille flow of a layered liquid. Chinese Journal of Chemical Engineering, 2017, 25, 862-873. | 3.5 | 17 |
| 4 | On transport of reactive solute in a pulsatile Casson fluid flow through an annulus. International Journal of Computer Mathematics, 2020, 97, 2303-2319. | 1.8 | 14 |
| 5 | Mathematical model on magneto-hydrodynamic dispersion in a porous medium under the influence of bulk chemical reaction. Korea Australia Rheology Journal, 2020, 32, 287-299. | 1.7 | 13 |
| 6 | On Dispersion in Oscillatory Annular Flow Driven Jointly by Pressure Pulsation and Wall Oscillation. Journal of Applied Fluid Mechanics, 2017, 10, 1487-1500. | 0.2 | 12 |
| 7 | Effect of multiple reactions on the transport coefficients in pulsatile flow through an annulus. International Communications in Heat and Mass Transfer, 2020, 110, 104369. | 5.6 | 11 |
| 8 | Hydrodynamic Dispersion of Solute under Homogeneous and Heterogeneous Reactions. International Journal of Heat and Technology, 2019, 37, 387-397. | 0.6 | 11 |
| 9 | Effect of ring-source release on dispersion process in Poiseuille flow with wall absorption. Physics of Fluids, 2022, 34, . | 4.0 | 11 |
| 10 | Unsteady Convective Diffusion with Interphase Mass Transfer in Casson Liquid. Periodica Polytechnica: Chemical Engineering, 2018, 62, 215. | 1.1 | 8 |
| 11 | On Dispersion of a Reactive Solute in a Pulsatile Flow of a Two-Fluid Model. Journal of Applied Fluid Mechanics, 2019, 12, 987-1000. | 0.2 | 5 |
| 12 | Transport of reactive species in oscillatory Couette-Poiseuille flows subject to homogeneous and heterogeneous reactions. Applied Mathematics and Computation, 2020, 385, 125387. | 2.2 | 4 |
| 13 | Unsteady two-dimensional suspended sediment transport in open channel flow subject to deposition and re-entrainment. Journal of Engineering Mathematics, 2021, 126, 1. | 1.2 | 3 |
| 14 | Some Properties of <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">id="M1"><mml:mrow><mml:msup><mml:mrow><mml:mfenced separators=" "><mml:mrow><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mn>2</mml:mn>Closed Sets. International Journal of Analysis, 2014, 2014, 1-5.</mml:mrow></mml:mfenced </mml:mrow></mml:msup></mml:mrow></mml:math> | v> ;;;mml:m</td <td>ifenced></td> | ifenced> |
| 15 | A Study on Solute Dispersion in a Three Layer Blood-like Liquid Flowing through a Rigid Artery. Periodica Polytechnica, Mechanical Engineering, 2017, 61, 173. | 1.4 | 2 |
| 16 | Dispersion of Reactive Species in Casson Fluid Flow. Indian Journal of Pure and Applied Mathematics, 2020, 51, 1451-1469. | 0.5 | 2 |
| 17 | Distribution of Two-Dimensional Unsteady Sediment Concentration in an Open Channel Flow. Springer Proceedings in Mathematics and Statistics, 2020, , 83-90. | 0.2 | 0 |