

Hirokazu Saito

List of Publications by Year in descending order

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11
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Global solvability of the Navier–Stokes equations with a free surface in the maximal L-L regularity class. <i>Journal of Differential Equations</i> , 2018, 264, 1475-1520. | 2.2 | 16 |
| 2 | On the \mathcal{R} -boundedness of solution operator families of the generalized Stokes resolvent problem in an infinite layer. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 1888-1925. | 2.3 | 9 |
| 3 | On the maximal L-L regularity for a compressible fluid model of Korteweg type on general domains. <i>Journal of Differential Equations</i> , 2020, 268, 2802-2851. | 2.2 | 9 |
| 4 | On decay properties of solutions to the Stokes equations with surface tension and gravity in the half space. <i>Journal of the Mathematical Society of Japan</i> , 2016, 68, . | 0.4 | 8 |
| 5 | Compressible Fluid Model of Korteweg Type with Free Boundary Condition: Model Problem. <i>Funkcialaj Ekvacioj</i> , 2019, 62, 337-386. | 0.3 | 8 |
| 6 | Some Free Boundary Problem for Two-Phase Inhomogeneous Incompressible Flows. <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 3397-3443. | 1.9 | 6 |
| 7 | Strong solutions for two-phase free boundary problems for a class of non-Newtonian fluids. <i>Journal of Evolution Equations</i> , 2017, 17, 335-358. | 1.1 | 5 |
| 8 | Existence of \mathcal{R} -bounded solution operator families for a compressible fluid model of Korteweg type on the half-space. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1744-1787. | 2.3 | 4 |
| 9 | Unique solvability of elliptic problems associated with two-phase incompressible flows in unbounded domains. <i>Discrete and Continuous Dynamical Systems</i> , 2021, 41, 4609. | 0.9 | 1 |
| 10 | Resolvent Estimates for a Compressible Fluid Model of Korteweg Type and Their Application. <i>Journal of Mathematical Fluid Mechanics</i> , 2022, 24, 1. | 1.0 | 1 |
| 11 | Time-Decay Estimates for Linearized Two-Phase Navier–Stokes Equations with Surface Tension and Gravity. <i>Mathematics</i> , 2021, 9, 761. | 2.2 | 0 |