

# Hirokazu Saito

## List of Publications by Year in descending order

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