

Stefano Scrobogna

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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1478505

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1372567

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docs citations

17
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Well-posedness of the water-wave with viscosity problem. <i>Journal of Differential Equations</i> , 2021, 276, 96-148.	2.2	6
2	Well-posedness of an asymptotic model for capillarity-driven free boundary Darcy flow in porous media in the critical Sobolev space. <i>Nonlinear Analysis: Real World Applications</i> , 2021, 60, 103308.	1.7	2
3	Zero limit of entropic relaxation time for the Shliomis model of ferrofluids. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 501, 125213.	1.0	0
4	Global well-posedness and decay for viscous water wave models. <i>Physics of Fluids</i> , 2021, 33, 102115.	4.0	2
5	On an Asymptotic Model for Free Boundary Darcy Flow in Porous Media. <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 4937-4970.	1.9	6
6	Well-posedness of water wave model with viscous effects. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 5181-5191.	0.8	9
7	Surface tension stabilization of the Rayleigh-Taylor instability for a fluid layer in a porous medium. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2020, 37, 1299-1343.	1.4	19
8	Global existence and convergence of nondimensionalized incompressible Navier-Stokes equations in low Froude number regime. <i>Discrete and Continuous Dynamical Systems</i> , 2020, 40, 5471-5511.	0.9	2
9	A global well-posedness result for the Rosensweig system of ferrofluids. <i>Revista Matematica Iberoamericana</i> , 2020, 36, 895-938.	0.9	2
10	On the influence of gravity on density-dependent incompressible periodic fluids. <i>Journal of Differential Equations</i> , 2019, 267, 1510-1559.	2.2	6
11	Asymptotic models for free boundary flow in porous media. <i>Physica D: Nonlinear Phenomena</i> , 2019, 392, 1-16.	2.8	14
12	Models for Damped Water Waves. <i>SIAM Journal on Applied Mathematics</i> , 2019, 79, 2530-2550.	1.8	14
13	On the global well-posedness of a class of 2D solutions for the Rosensweig system of ferrofluids. <i>Journal of Differential Equations</i> , 2019, 266, 2718-2761.	2.2	5
14	Some remark on the existence of infinitely many nonphysical solutions to the incompressible Navier-Stokes equations. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 470, 226-234.	1.0	0
15	Highly rotating fluids with vertical stratification for periodic data and vanishing vertical viscosity. <i>Revista Matematica Iberoamericana</i> , 2018, 34, 1-58.	0.9	9
16	Dispersive effects of weakly compressible and fast rotating inviscid fluids. <i>Discrete and Continuous Dynamical Systems</i> , 2018, 38, 749-789.	0.9	11
17	Derivation of limit equations for a singular perturbation of a 3D periodic Boussinesq system. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 5979-6034.	0.9	6