

Masao Yamazaki

List of Publications by Year in descending order

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12
papers

603
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Semilinear heat equations and the Navier-Stokes equation with distributions in new function spaces as initial data. <i>Communications in Partial Differential Equations</i> , 1994, 19, 959-1014.	2.2	285
2	The Navier-Stokes equations in the weak- L^n space with time-dependent external force. <i>Mathematische Annalen</i> , 2000, 317, 635-675.	1.4	152
3	Exterior problem for the stationary Navier-Stokes equations in the Lorentz space. <i>Mathematische Annalen</i> , 1998, 310, 279-305.	1.4	61
4	On a larger class of stable solutions to the Navier-Stokes equations in exterior domains. <i>Mathematische Zeitschrift</i> , 1998, 228, 751-785.	0.9	45
5	REPRESENTATION FORMULA, NET FORCE AND ENERGY RELATION TO THE STATIONARY NAVIER-STOKES EQUATIONS IN 3-DIMENSIONAL EXTERIOR DOMAINS. <i>Kyushu Journal of Mathematics</i> , 1997, 51, 239-260.	0.4	23
6	The stationary Navier-Stokes equation on the whole plane with external force with antisymmetry. <i>Annali Dell'Universita Di Ferrara</i> , 2009, 55, 407-423.	1.3	16
7	Two-dimensional stationary Navier-Stokes equations with 4-cyclic symmetry. <i>Mathematische Nachrichten</i> , 2016, 289, 2281-2311.	0.8	6
8	Existence and Uniqueness of Weak Solutions to the Two-Dimensional Stationary Navier-Stokes Exterior Problem. <i>Journal of Mathematical Fluid Mechanics</i> , 2018, 20, 2019-2051.	1.0	5
9	On a Stationary Problem of the Stokes Equation in an Infinite Layer in Sobolev and Besov Spaces. <i>Journal of Mathematical Fluid Mechanics</i> , 2010, 12, 61-100.	1.0	4
10	Rate of Convergence to the Stationary Solution of the Navier-Stokes Exterior Problem. <i>Advances in Mathematical Fluid Mechanics</i> , 2016, , 459-482.	0.1	4
11	EXTERIOR PROBLEM FOR THE NAVIER-STOKES EQUATIONS, EXISTENCE, UNIQUENESS AND STABILITY OF STATIONARY SOLUTIONS. <i>Series on Advances in Mathematics for Applied Sciences</i> , 1998, , 86-98.	0.1	2
12	The Navier-Stokes equations on the plane with time-dependent external forces. <i>SN Partial Differential Equations and Applications</i> , 2021, 2, 1.	0.6	0