Ken Abe

List of Publications by Year
in descending order

18 papers	**203** citations	1163117 **8** h-index	1058476 **14** g-index
18 all docs	**18** docs citations	**18** times ranked	**37** citing authors

#	Article	IF	Citations
1	Existence of Vortex Rings in Beltrami Flows. Communications in Mathematical Physics, 2022, 391, 873-899.	2.2	4
2	Stability of Lamb Dipoles. Archive for Rational Mechanics and Analysis, 2022, 244, 877-917.	2.4	17
3	Rigidity of Beltrami fields with a non-constant proportionality factor. Journal of Mathematical Physics, 2022, 63, 041507.	1.1	0
4	The vorticity equations in a half plane with measures as initial data. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 1055-1094.	1.4	0
5	On the large time L^∞-estimates of the Stokes semigroup in two-dimensional exterior domains. Journal of Differential Equations, 2021, 300, 337-355.	2.2	2
6	Axisymmetric flows in the exterior of a cylinder. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1671-1698.	1.2	5
7	Liouville theorems for the Stokes equations with applications to large time estimates. Journal of Functional Analysis, 2020, 278, 108321.	1.4	3
8	Vanishing viscosity limits for axisymmetric flows with boundary. Journal Des Mathematiques Pures Et Appliquees, 2020, 137, 1-32.	1.6	1
9	The Navier–Stokes equations with the Neumann boundary condition in an infinite cylinder. Manuscripta Mathematica, 2019, 160, 359-383.	0.6	1
10	Global Well-Posedness of the Two-Dimensional Exterior Navier–Stokes Equations for Non-decaying Data. Archive for Rational Mechanics and Analysis, 2018, 227, 69-104.	2.4	8
11	On the Stokes resolvent estimates for cylindrical domains. Journal of Evolution Equations, 2017, 17, 17-49.	1.1	3
12	Exterior Navier–Stokes flows for bounded data. Mathematische Nachrichten, 2017, 290, 972-985.	0.8	6
13	On estimates for the Stokes flow in a space of bounded functions. Journal of Differential Equations, 2016, 261, 1756-1795.	2.2	10
14	On the Stokes semigroup in some non-Helmholtz domains. Archiv Der Mathematik, 2015, 104, 177-187.	0.5	11
15	The Navier–Stokes Equations in a Space of Bounded Functions. Communications in Mathematical Physics, 2015, 338, 849-865.	2.2	12
16	Stokes Resolvent Estimates in Spaces of Bounded Functions. Annales Scientifiques De L'Ecole Normale Superieure, 2015, 48, 537-559.	0.8	22
17	The L^∞-Stokes semigroup in exterior domains. Journal of Evolution Equations, 2014, 14, 1-28.	1.1	42
18	Analyticity of the Stokes semigroup in spaces of bounded functions. Acta Mathematica, 2013, 211, 1-46.	3.9	56