

In-Jee Jeong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Finite-Time Singularity Formation for Strong Solutions to the Axi-symmetric 3D Euler Equations. <i>Annals of PDE</i> , 2019, 5, 1.	1.8	40
2	On the Effects of Advection and Vortex Stretching. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 235, 1763-1817.	2.4	24
3	Finite-Time Singularity Formation for Strong Solutions to the Boussinesq System. <i>Annals of PDE</i> , 2020, 6, 1.	1.8	20
4	Ill-posedness for the Incompressible Euler Equations in Critical Sobolev Spaces. <i>Annals of PDE</i> , 2017, 3, 1.	1.8	16
5	On singular vortex patches, II: Long-time dynamics. <i>Transactions of the American Mathematical Society</i> , 2020, 373, 6757-6775.	0.9	14
6	Vortex stretching and enhanced dissipation for the incompressible 3D Navier-Stokes equations. <i>Mathematische Annalen</i> , 2021, 380, 2041-2072.	1.4	14
7	Enstrophy dissipation and vortex thinning for the incompressible 2D Navier-Stokes equations. <i>Nonlinearity</i> , 2021, 34, 1837-1853.	1.4	11
8	Anomalous Dissipation in Passive Scalar Transport. <i>Archive for Rational Mechanics and Analysis</i> , 2022, 243, 1151-1180.	2.4	10
9	Classical solutions for fractional porous medium flow. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2021, 210, 112393.	1.1	8
10	Well-Posedness and Singularity Formation for Inviscid Keller-Segel Fluid System of Consumption Type. <i>Communications in Mathematical Physics</i> , 2022, 390, 1175-1217.	2.2	7
11	Relaxation to Fractional Porous Medium Equation from Euler-Riesz System. <i>Journal of Nonlinear Science</i> , 2021, 31, 1.	2.1	4
12	Loss of Regularity for the 2D Euler Equations. <i>Journal of Mathematical Fluid Mechanics</i> , 2021, 23, 1.	1.0	2
13	On the stationary solutions and inviscid limit for the generalized Proudman-Johnson equation with $O(1)$ forcing. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 472, 842-863.	1.0	1
14	Self-similar solutions for dyadic models of the Euler equations. <i>Journal of Differential Equations</i> , 2019, 266, 7197-7204.	2.2	0