

Siming He

List of Publications by Year in descending order

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papers

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1478505

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1372567

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced dissipation, hypoellipticity for passive scalar equations with fractional dissipation. Journal of Functional Analysis, 2022, 282, 109319.	1.4	6
2	Random Search in Fluid Flow Aided by Chemotaxis. Bulletin of Mathematical Biology, 2022, 84, .	1.9	0
3	Stirring speeds up chemical reaction. Nonlinearity, 2022, 35, 4599-4623.	1.4	1
4	On the fast spreading scenario. Communications of the American Mathematical Society, 2022, 2, 149-171.	2.2	2
5	On the π -Critical-Mass Threshold of a Patlak–Keller–Segel–Navier–Stokes System. SIAM Journal on Mathematical Analysis, 2021, 53, 2925-2956.	1.9	9
6	Small-scale creation for solutions of the SQG equation. Duke Mathematical Journal, 2021, 170, .	1.5	11
7	Boundary layer models of the Hou-Luo scenario. Journal of Differential Equations, 2021, 298, 182-204.	2.2	0
8	Inviscid Damping and Enhanced Dissipation of the Boundary Layer for 2D Navier–Stokes Linearized Around Couette Flow in a Channel. Communications in Mathematical Physics, 2020, 379, 177-226.	2.2	13
9	Suppressing Chemotactic Blow-Up Through a Fast Splitting Scenario on the Plane. Archive for Rational Mechanics and Analysis, 2019, 232, 951-986.	2.4	27
10	Suppression of blow-up in parabolic–parabolic Patlak–Keller–Segel via strictly monotone shear flows. Nonlinearity, 2018, 31, 3651-3688.	1.4	18
11	Suppression of Blow-Up in Patlak–Keller–Segel Via Shear Flows. SIAM Journal on Mathematical Analysis, 2017, 49, 4722-4766.	1.9	26