Yao Yao

List of Publications by Year
in descending order

19 papers	**406** citations	840776 **11** h-index	794594 **19** g-index
19 all docs	**19** docs citations	**19** times ranked	**177** citing authors

#	Article	IF	Citations
1	Two-species competition model with chemotaxis: well-posedness, stability and dynamics. Nonlinearity, 2022, 35, 1329-1359.	1.4	4
2	Remarks on stationary and uniformly rotating vortex sheets: flexibility results. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210045.	3.4	3
3	Symmetry of hypersurfaces with ordered mean curvature in one direction. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	1
4	Remarks on Stationary and Uniformly-rotating Vortex Sheets: Rigidity Results. Communications in Mathematical Physics, 2021, 386, 1845-1879.	2.2	10
5	Symmetry in stationary and uniformly rotating solutions of active scalar equations. Duke Mathematical Journal, 2021, 170, .	1.5	13
6	Uniqueness and Nonuniqueness of Steady States of Aggregation†Diffusion Equations. Communications on Pure and Applied Mathematics, 2020, , .	3.1	10
7	Aggregation-Diffusion Equations: Dynamics, Asymptotics, and Singular Limits. Modeling and Simulation in Science, Engineering and Technology, 2019, , 65-108.	0.6	23
8	Congested Aggregation via Newtonian Interaction. Archive for Rational Mechanics and Analysis, 2018, 227, 1-67.	2.4	21
9	On the Finite†Time Blowup of a One†Dimensional Model for the Three†Dimensional Axisymmetric Euler Equations. Communications on Pure and Applied Mathematics, 2017, 70, 2218-2243.	3.1	28
10	Local Regularity for the Modified SQG Patch Equation. Communications on Pure and Applied Mathematics, 2017, 70, 1253-1315.	3.1	35
11	Global regularity of chemotaxis equations with advection. Involve, 2016, 9, 119-131.	0.2	4
12	Finite time singularity for the modified SQG patch equation. Annals of Mathematics, 2016, 184, 909-948.	4.2	68
13	Finite Time Blow Up for a 1D Model of 2D Boussinesq System. Communications in Mathematical Physics, 2015, 334, 1667-1679.	2.2	42
14	Quasi-static evolution and congested crowd transport. Nonlinearity, 2014, 27, 823-858.	1.4	32
15	Asymptotic behavior for critical Patlak†Keller†Segel model and a repulsive†attractive aggregation equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2014, 31, 81-101.	1.4	13
16	Confinement for repulsive-attractive kernels. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 1227-1248.	0.9	21
17	An Aggregation Equation with Degenerate Diffusion: Qualitative Property of Solutions. SIAM Journal on Mathematical Analysis, 2013, 45, 2995-3018.	1.9	11
18	Blow-up dynamics for the aggregation equation with degenerate diffusion. Physica D: Nonlinear Phenomena, 2013, 260, 77-89.	2.8	15

#	Article	IF	Citations
19	The Patlak–Keller–Segel Model and Its Variations: Properties of Solutions via Maximum Principle. SIAM Journal on Mathematical Analysis, 2012, 44, 568-602.	1.9	52