

Yao Yao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10766627/publications.pdf>

Version: 2024-02-01

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	Finite time singularity for the modified SQG patch equation. <i>Annals of Mathematics</i> , 2016, 184, 909-948.	4.2	68
2	The Patlak-Keller-Segel Model and Its Variations: Properties of Solutions via Maximum Principle. <i>SIAM Journal on Mathematical Analysis</i> , 2012, 44, 568-602.	1.9	52
3	Finite Time Blow Up for a 1D Model of 2D Boussinesq System. <i>Communications in Mathematical Physics</i> , 2015, 334, 1667-1679.	2.2	42
4	Local Regularity for the Modified SQG Patch Equation. <i>Communications on Pure and Applied Mathematics</i> , 2017, 70, 1253-1315.	3.1	35
5	Quasi-static evolution and congested crowd transport. <i>Nonlinearity</i> , 2014, 27, 823-858.	1.4	32
6	On the Finite-Time Blowup of a One-Dimensional Model for the Three-Dimensional Axisymmetric Euler Equations. <i>Communications on Pure and Applied Mathematics</i> , 2017, 70, 2218-2243.	3.1	28
7	Aggregation-Diffusion Equations: Dynamics, Asymptotics, and Singular Limits. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2019, , 65-108.	0.6	23
8	Congested Aggregation via Newtonian Interaction. <i>Archive for Rational Mechanics and Analysis</i> , 2018, 227, 1-67.	2.4	21
9	Confinement for repulsive-attractive kernels. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2014, 19, 1227-1248.	0.9	21
10	Blow-up dynamics for the aggregation equation with degenerate diffusion. <i>Physica D: Nonlinear Phenomena</i> , 2013, 260, 77-89.	2.8	15
11	Asymptotic behavior for critical Patlak-Keller-Segel model and a repulsive-attractive aggregation equation. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2014, 31, 81-101.	1.4	13
12	Symmetry in stationary and uniformly rotating solutions of active scalar equations. <i>Duke Mathematical Journal</i> , 2021, 170, .	1.5	13
13	An Aggregation Equation with Degenerate Diffusion: Qualitative Property of Solutions. <i>SIAM Journal on Mathematical Analysis</i> , 2013, 45, 2995-3018.	1.9	11
14	Uniqueness and Nonuniqueness of Steady States of Aggregation-Diffusion Equations. <i>Communications on Pure and Applied Mathematics</i> , 2020, , .	3.1	10
15	Remarks on Stationary and Uniformly-rotating Vortex Sheets: Rigidity Results. <i>Communications in Mathematical Physics</i> , 2021, 386, 1845-1879.	2.2	10
16	Global regularity of chemotaxis equations with advection. <i>Involve</i> , 2016, 9, 119-131.	0.2	4
17	Two-species competition model with chemotaxis: well-posedness, stability and dynamics. <i>Nonlinearity</i> , 2022, 35, 1329-1359.	1.4	4
18	Remarks on stationary and uniformly rotating vortex sheets: flexibility results. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210045.	3.4	3

#	ARTICLE	IF	CITATIONS
19	Symmetry of hypersurfaces with ordered mean curvature in one direction. <i>Calculus of Variations and Partial Differential Equations</i> , 2021, 60, 1.	1.7	1