

# Jinyi Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

88  
citations

1684188  
5  
h-index

1588992  
8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

20  
citing authors

#	ARTICLE	IF	CITATIONS
1	Existence and large time behavior to coupled chemotaxis-fluid equations in Besov-Morrey spaces. Journal of Differential Equations, 2019, 266, 5867-5894.	2.2	40
2	Existence and Gevrey regularity for a two-species chemotaxis system in homogeneous Besov spaces. Science China Mathematics, 2017, 60, 1837-1856.	1.7	11
3	Sharp well-posedness and ill-posedness of the three-dimensional primitive equations of geophysics in Fourier-Besov spaces. Nonlinear Analysis: Real World Applications, 2019, 48, 445-465.	1.7	10
4	Triple-pole soliton solutions of the derivative nonlinear Schrödinger equation via inverse scattering transform. Applied Mathematics Letters, 2022, 125, 107741.	2.7	10
5	Existence and analyticity of mild solutions for the 3D rotating Navier-Stokes equations. Annali Di Matematica Pura Ed Applicata, 2017, 196, 1203-1229.	1.0	9
6	Global well-posedness for the viscous primitive equations of geophysics. Boundary Value Problems, 2016, 2016, .	0.7	5
7	Global Solutions to 3D Rotating Boussinesq Equations in Besov Spaces. Journal of Dynamics and Differential Equations, 2020, 32, 589-603.	1.9	2
8	Sharp dispersive estimates for an anisotropic linear operator group. Applied Mathematics Letters, 2020, 103, 106212.	2.7	1
9	Existence and asymptotic behavior to the incompressible nematic liquid crystal flow in the whole space. Mathematical Methods in the Applied Sciences, 2016, 39, 1836-1854.	2.3	0
10	Gevrey class regularity of solutions to the Nernst-Planck-Poisson equations with generalized dissipation. Applicable Analysis, 2017, 96, 1799-1829.	1.3	0
11	Spatial Analyticity of Solutions to Keller-Segel Equation of Parabolic-Elliptic Type. Results in Mathematics, 2017, 72, 1653-1681.	0.8	0
12	Global existence and Gevrey regularity to the Navier-Stokes-Nernst-Planck-Poisson system in critical Besov-Morrey spaces. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 3409.	0.9	0