

# Jinrui Huang

## List of Publications by Year in descending order

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12  
papers

141  
citations

1478505

6  
h-index

1474206

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g-index

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docs citations

12  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regularity and Existence of Global Solutions to the Ericksenâ€“Leslie System in $\mathbb{R}^2$ . Communications in Mathematical Physics, 2014, 331, 805-850.	2.2	77
2	Global well-posedness for the dynamical Q-tensor model of liquid crystals. Science China Mathematics, 2015, 58, 1349-1366.	1.7	22
3	Global existence of strong solutions for incompressible hydrodynamic flow of liquid crystals with vacuum. Filomat, 2013, 27, 1247-1257.	0.5	15
4	Optimal time-decay estimates for an Oldroyd-B model with zero viscosity. Journal of Differential Equations, 2022, 306, 456-491.	2.2	9
5	Spherically symmetric solutions to compressible hydrodynamic flow of liquid crystals in N dimensions. Chinese Annals of Mathematics Series B, 2012, 33, 453-478.	0.4	6
6	Low Mach number limit of the compressible Navier-Stokes-Smoluchowski equations in multi-dimensions. Journal of Mathematical Physics, 2019, 60, .	1.1	6
7	A blow-up criterion for incompressible hydrodynamic flow of liquid crystals in dimension two. Mathematical Methods in the Applied Sciences, 2014, 37, 1353-1363.	2.3	2
8	Radially symmetric solutions for Navierâ€“Stokesâ€“Smoluchowski system: Global existence in unbounded annular domain and center singularity. Journal of Mathematical Physics, 2020, 61, .	1.1	2
9	Blowup Mechanism for a Fluid-Particle Interaction System in $\mathbb{R}^3$ . Acta Applicandae Mathematicae, 2020, 170, 185-202.	1.0	2
10	Global well-posedness of classical solutions to 3D compressible magnetohydrodynamic equations with large potential force. Mathematical Methods in the Applied Sciences, 2019, 42, 747-766.	2.3	0
11	Global well-posedness for a viscosity problem of the compressible Heisenberg chain equations. Filomat, 2016, 30, 3317-3327.	0.5	0
12	Global existence of strong solutions for a general incompressible Oldroyd-B system without damping mechanism. Applied Mathematics Letters, 2022, 127, 107850.	2.7	0