

# Xumin Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4959589/publications.pdf>

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6  
papers

87  
citations

1937685  
4  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

37  
citing authors

#	ARTICLE	IF	CITATIONS
1	Well-posedness of 1-D compressible Euler-Poisson equations with physical vacuum. Journal of Differential Equations, 2012, 252, 2160-2188.	2.2	27
2	Local well-posedness of the three dimensional compressible Euler-Poisson equations with physical vacuum. Journal Des Mathematiques Pures Et Appliquees, 2016, 105, 662-723.	1.6	26
3	Boundary partial regularity for the high dimensional Navier-Stokes equations. Journal of Functional Analysis, 2014, 267, 2606-2637.	1.4	13
4	Partial regularity of solutions to the four-dimensional Navier-Stokes equations. Dynamics of Partial Differential Equations, 2014, 11, 53-69.	0.9	11
5	Local Well-Posedness of Free-Boundary Incompressible Elastodynamics with Surface Tension via Vanishing Viscosity Limit. Archive for Rational Mechanics and Analysis, 2022, 245, 1285-1338.	2.4	6
6	Regularity criteria for suitable weak solutions to the four dimensional incompressible magneto-hydrodynamic equations near boundary. Journal of Differential Equations, 2015, 259, 1354-1378.	2.2	4