

# Yuming Paul Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3531129/publications.pdf>

Version: 2024-02-01

10  
papers

35  
citations

1937685

4  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

12  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regularity Properties of Degenerate Diffusion Equations with Drifts. SIAM Journal on Mathematical Analysis, 2018, 50, 4371-4406.	1.9	10
2	Continuity results for degenerate diffusion equations with $L_t$ drifts. Nonlinear Analysis: Theory, Methods & Applications, 2021, 211, 112413.	1.1	6
3	Porous Medium Equation with a Drift: Free Boundary Regularity. Archive for Rational Mechanics and Analysis, 2021, 242, 1177-1228.	2.4	5
4	Long Time Dynamics for Combustion in Random Media. Archive for Rational Mechanics and Analysis, 2022, 243, 33-94.	2.4	5
5	On a class of diffusion-aggregation equations. Discrete and Continuous Dynamical Systems, 2020, 40, 907-932.	0.9	4
6	On continuity equations in space-time domains. Discrete and Continuous Dynamical Systems, 2018, 38, 4837-4873.	0.9	3
7	Regularity Theory for Second Order Integro-PDEs. Potential Analysis, 2021, 54, 387-407.	0.9	2
8	Free boundary regularity of the porous medium equation with nonlocal drifts in dimension one. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	0
9	On homogenization problems with oscillating Dirichlet conditions in space-time domains. Journal of the London Mathematical Society, 2022, 105, 909-949.	1.0	0
10	Parallel Search for Information in Continuous Time Optimal Stopping and Geometry of the PDE. Applied Mathematics and Optimization, 2022, 85, 1.	1.6	0