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## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	High mode transport noise improves vorticity blow-up control in 3D Navier–Stokes equations. <i>Probability Theory and Related Fields</i> , 2021, 180, 309-363.	1.8	37
2	Delayed blow-up by transport noise. <i>Communications in Partial Differential Equations</i> , 2021, 46, 1757-1788.	2.2	28
3	Refined basic couplings and Wasserstein-type distances for SDEs with Lévy noises. <i>Stochastic Processes and Their Applications</i> , 2019, 129, 3129-3173.	0.9	22
4	Scaling limit of stochastic 2D Euler equations with transport noises to the deterministic Navier–Stokes equations. <i>Journal of Evolution Equations</i> , 2021, 21, 567-600.	1.1	22
5	Convergence of transport noise to Ornstein–Uhlenbeck for 2D Euler equations under the enstrophy measure. <i>Annals of Probability</i> , 2020, 48, .	1.8	21
6	Exponential convergence in $\epsilon$ -Wasserstein distance for diffusion processes without uniformly dissipative drift. <i>Mathematische Nachrichten</i> , 2016, 289, 1909-1926.	0.8	17
7	White noise solution to 2D stochastic Euler equations. <i>Probability Theory and Related Fields</i> , 2019, 175, 783-832.	1.8	14
8	Eddy heat exchange at the boundary under white noise turbulence. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210096.	3.4	11
9	Kolmogorov Equations Associated to the Stochastic Two Dimensional Euler Equations. <i>SIAM Journal on Mathematical Analysis</i> , 2019, 51, 1761-1791.	1.9	10
10	A scaling limit for the stochastic mSQG equations with multiplicative transport noises. <i>Stochastics and Dynamics</i> , 2020, 20, 2040001.	1.2	10
11	Convergence of stochastic 2D inviscid Boussinesq equations with transport noise to a deterministic viscous system. <i>Nonlinearity</i> , 2021, 34, 8311-8330.	1.4	10
12	Constantin and Iyer's Representation Formula for the Navier–Stokes Equations on Manifolds. <i>Potential Analysis</i> , 2018, 48, 181-206.	0.9	8
13	WELL-POSEDNESS OF FOKKER–PLANCK TYPE EQUATIONS ON THE WIENER SPACE. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2010, 13, 273-304.	0.5	6
14	A numerical approach to Kolmogorov equation in high dimension based on Gaussian analysis. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 493, 124505.	1.0	6
15	Energy conditional measures and 2D turbulence. <i>Journal of Mathematical Physics</i> , 2020, 61, 013101.	1.1	5
16	Pathwise uniqueness of multi-dimensional stochastic differential equations with Hölder diffusion coefficients. <i>Frontiers of Mathematics in China</i> , 2011, 6, 129-136.	0.7	4
17	Quasi-Invariant Flow Generated by Stratonovich SDE with BV Drift Coefficient. <i>Stochastic Analysis and Applications</i> , 2012, 30, 258-284.	1.5	4
18	A Probabilistic Proof of the Fundamental Gap Conjecture Via the Coupling by Reflection. <i>Potential Analysis</i> , 2016, 44, 423-442.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Point vortex approximation for 2D Navier–Stokes equations driven by space-time white noise. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 493, 124560.	1.0	4
20	Quasi-invariance of the Stochastic Flow Associated to Itô's SDE with Singular Time-Dependent Drift. <i>Journal of Theoretical Probability</i> , 2015, 28, 1743-1762.	0.8	3
21	Stochastic mSQG equations with multiplicative transport noises: White noise solutions and scaling limit. <i>Stochastic Processes and Their Applications</i> , 2021, 140, 236-286.	0.9	3
22	Stochastic Lagrangian flows on the group of volume-preserving homeomorphisms of the spheres. <i>Stochastics</i> , 2015, 87, 680-701.	1.1	2
23	A unified treatment for ODEs under Osgood and Sobolev type conditions. <i>Bulletin Des Sciences Mathematiques</i> , 2015, 139, 114-133.	1.0	2
24	Hölder continuity of semigroups for time changed symmetric stable processes. <i>Frontiers of Mathematics in China</i> , 2016, 11, 109-121.	0.7	1
25	The Itô SDEs and Fokker–Planck equations with Osgood and Sobolev coefficients. <i>Stochastics</i> , 2018, 90, 379-410.	1.1	1
26	A note on Gaussian correlation inequalities for nonsymmetric sets. <i>Statistics and Probability Letters</i> , 2012, 82, 196-202.	0.7	0
27	Dimension-Independent Estimates on the Densities of Wiener Functionals via the Log-Sobolev Inequality. <i>Potential Analysis</i> , 2014, 41, 903-915.	0.9	0
28	A characterization of the rate of change of $\chi$ -entropy via an integral form curvature-dimension condition. <i>Advances in Geometry</i> , 2016, 16, 277-290.	0.4	0
29	On the Relation Between the Girsanov Transform and the Kolmogorov Equations for SPDEs. <i>Potential Analysis</i> , 0, , 1.	0.9	0