Wenqing Hu

List of Publications by Year
in descending order

		1478505	1474206
20 papers	99 citations	6 h-index	9 g-index
20 all docs	20 docs citations	20 times ranked	76 citing authors

#	Article	IF	Citations
1	On the diffusion approximation of nonconvex stochastic gradient descent. Annals of Mathematical Sciences and Applications, 2019, 4, 3-32.	0.4	22
2	Small mass asymptotic for the motion with vanishing friction. Stochastic Processes and Their Applications, 2013, 123, 45-75.	0.9	13
3	On Perturbations of Generalized Landau-Lifshitz Dynamics. Journal of Statistical Physics, 2011, 144, 978-1008.	1.2	11
4	On Diffusion in Narrow Random Channels. Journal of Statistical Physics, 2013, 152, 136-158.	1.2	8
5	<inline-formula> <tex-math notation="LaTeX">$mathcal{DBSDA}$ </tex-math> </inline-formula>: Lowering the Bound of Misclassification Rate for Sparse Linear Discriminant Analysis via Model Debiasing. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 707-717.	11.3	7
6	Large deviations and averaging for systems of slow-fast stochastic reaction–diffusion equations. Stochastics and Partial Differential Equations: Analysis and Computations, 2019, 7, 808-874.	0.9	6
7	On 2d Incompressible Euler Equations with Partial Damping. Communications in Mathematical Physics, 2017, 355, 145-159.	2.2	5
8	ON STOCHASTICITY IN NEARLY-ELASTIC SYSTEMS. Stochastics and Dynamics, 2012, 12, 1150020.	1.2	4
9	Itô's Formula, the Stochastic Exponential, and Change of Measure on General Time Scales. Abstract and Applied Analysis, 2017, 2017, 1-13.	0.7	4
10	Fundamental Structure of General Stochastic Dynamical Systems: High-Dimension Case. Journal of Mathematics, 2022, 2022, 1-24.	1.0	4
11	On metastability in nearly-elastic systems. Asymptotic Analysis, 2012, 79, 65-86.	0.5	3
12	On Second Order Elliptic Equations with a Small Parameter. Communications in Partial Differential Equations, 2013, 38, 1712-1736.	2.2	3
13	Wave front propagation for a reaction–diffusion equation in narrow random channels. Nonlinearity, 2013, 26, 2333-2356.	1.4	3
14	Flexible energy load identification in intelligent manufacturing for demand response using a neural network integrated particle swarm optimization. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 1943-1959.	2.1	3
15	Random perturbations of dynamical systems with reflecting boundary and corresponding PDE with a small parameter. Asymptotic Analysis, 2014, 87, 43-56.	0.5	1
16	Dynamics of Geodesic Flows with Random Forcing on Lie Groups with Left-Invariant Metrics. Journal of Nonlinear Science, 2018, 28, 2249-2274.	2.1	1
17	On the Long-Time Behavior of a Perturbed Conservative System with Degeneracy. Journal of Theoretical Probability, 2020, 33, 1266-1295.	0.8	1
18	Random perturbations of dynamical systems with reflecting boundary and corresponding PDE with a small parameter. Asymptotic Analysis, 2014, 88, 187-200.	0.5	0

#	Article	IF	Citations
19	On the Global Convergence of Continuous–Time Stochastic Heavy–Ball Method for Nonconvex Optimization. , 2019, , .		0
20	Wave Propagation for Reaction-Diffusion Equations on Infinite Random Trees. Communications in Mathematical Physics, 2021, 384, 109-163.	2.2	0