Liying Sun

List of Publications by Year
in descending order

7 papers	87 citations	1478505 6 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	33 citing authors

#	Article	IF	Citations
1	High Order Conformal Symplectic and Ergodic Schemes for the Stochastic Langevin Equation via Generating Functions. SIAM Journal on Numerical Analysis, 2017, 55, 3006-3029.	2.3	22
2	Weak convergence and invariant measure of a full discretization for parabolic SPDEs with non-globally Lipschitz coefficients. Stochastic Processes and Their Applications, 2021, 134, 55-93.	0.9	17
3	Exponential integrators for stochastic Maxwell's equations driven by Itô noise. Journal of Computational Physics, 2020, 410, 109382.	3.8	15
4	Modified equations for weakly convergent stochastic symplectic schemes via their generating functions. BIT Numerical Mathematics, 2016, 56, 1131-1162.	2.0	12
5	Strong Convergence of Full Discretization for Stochastic Cahn--Hilliard Equation Driven by Additive Noise. SIAM Journal on Numerical Analysis, 2021, 59, 2866-2899.	2.3	11
6	Asymptotically-Preserving Large Deviations Principles by Stochastic Symplectic Methods for a Linear Stochastic Oscillator. SIAM Journal on Numerical Analysis, 2021, 59, 32-59.	2.3	7
7	Large Deviations Principles for Symplectic Discretizations of Stochastic Linear Schrödinger Equation. Potential Analysis, 2023, 59, 971-1011.	0.9	3