

Liying Sun

List of Publications by Year in descending order

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