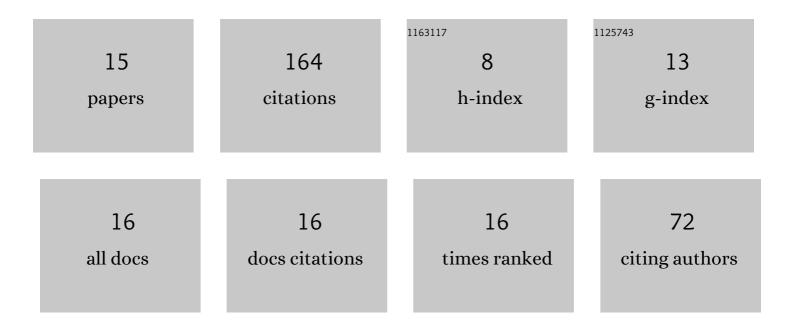
Chuchu Chen

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 SchrĶdinger Equation. Potential Analysis, 2023, 59, 971-1011.	0.9	3
2	Stochastic differential equation with piecewise continuous arguments: Markov property, invariant measure and numerical approximation. Discrete and Continuous Dynamical Systems - Series B, 2023, 28, 765.	0.9	4
3	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
4	Slippery liquidâ€infused porous surface via thermally induced phase separation for enhanced corrosion protection. Journal of Polymer Science, 2020, 58, 3031-3041.	3.8	13
5	Energy and quadratic invariants preserving (EQUIP) multi-symplectic methods for Hamiltonian wave equations. Journal of Computational Physics, 2020, 418, 109599.	3.8	4
6	Drift-preserving numerical integrators for stochastic Hamiltonian systems. Advances in Computational Mathematics, 2020, 46, 1.	1.6	31
7	Modified averaged vector field methods preserving multiple invariants for conservative stochastic differential equations. BIT Numerical Mathematics, 2020, 60, 917-957.	2.0	2
8	A Review on Stochastic Multi-symplectic Methods for Stochastic Maxwell Equations. Communications on Applied Mathematics and Computation, 2019, 1, 467-501.	1.7	4
9	Mean-Square Convergence of a Semidiscrete Scheme for Stochastic Maxwell Equations. SIAM Journal on Numerical Analysis, 2019, 57, 728-750.	2.3	8
10	RungeKutta Semidiscretizations for Stochastic Maxwell Equations with Additive Noise. SIAM Journal on Numerical Analysis, 2019, 57, 702-727.	2.3	8
11	A Compact Scheme for Coupled Stochastic Nonlinear SchrĶdinger Equations. Communications in Computational Physics, 2017, 21, 93-125.	1.7	9
12	Approximation of Invariant Measure for Damped Stochastic Nonlinear Schrödinger Equation via an Ergodic Numerical Scheme. Potential Analysis, 2017, 46, 323-367.	0.9	18
13	Convergence of a \$\$heta \$\$ Î, -scheme to solve the stochastic nonlinear Schrödinger equation with Stratonovich noise. Stochastics and Partial Differential Equations: Analysis and Computations, 2016, 4, 274-318.	0.9	2
14	Symplectic RungeKutta Semidiscretization for Stochastic SchrĶdinger Equation. SIAM Journal on Numerical Analysis, 2016, 54, 2569-2593.	2.3	23
15	Preservation of physical properties of stochastic Maxwell equations with additive noise via stochastic multi-symplectic methods. Journal of Computational Physics, 2016, 306, 500-519.	3.8	27