

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An H^2 convergence of a second-order convex-splitting, finite difference scheme for the three-dimensional Cahn–Hilliard equation. Communications in Mathematical Sciences, 2016, 14, 489-515.	1.0	107
2	A Second-Order, Weakly Energy-Stable Pseudo-spectral Scheme for the Cahn–Hilliard Equation and Its Solution by the Homogeneous Linear Iteration Method. Journal of Scientific Computing, 2016, 69, 1083-1114.	2.3	91
3	A second order operator splitting numerical scheme for the α -Good–Boussinesq equation. Applied Numerical Mathematics, 2017, 119, 179-193.	2.1	48
4	A positivity-preserving, energy stable and convergent numerical scheme for the Poisson-Nernst-Planck system. Mathematics of Computation, 2021, 90, 2071-2106.	2.1	36
5	Complete Numerical Solution of the Diffusion Equation of Random Genetic Drift. Genetics, 2013, 194, 973-985.	2.9	30
6	On the Operator Splitting and Integral Equation Preconditioned Deferred Correction Methods for the α -Good–Boussinesq Equation. Journal of Scientific Computing, 2018, 75, 687-712.	2.3	21
7	Numerical methods for multiscale transport equations and application to two-phase porous media flow. Journal of Computational Physics, 2005, 210, 656-675.	3.8	20
8	Numerical complete solution for random genetic drift by energetic variational approach. ESAIM: Mathematical Modelling and Numerical Analysis, 2019, 53, 615-634.	1.9	11
9	Numerical methods for porous medium equation by an energetic variational approach. Journal of Computational Physics, 2019, 385, 13-32.	3.8	9
10	Behavior of different numerical schemes for random genetic drift. BIT Numerical Mathematics, 2019, 59, 797-821.	2.0	8
11	Calibration of stochastic volatility models: A Tikhonov regularization approach. Journal of Economic Dynamics and Control, 2016, 64, 66-81.	1.6	7
12	Local exponentially fitted finite element schemes for singularly perturbed convection–diffusion problems. Journal of Computational and Applied Mathematics, 2001, 132, 277-293.	2.0	6
13	An iteration solver for the Poisson–Nernst–Planck system and its convergence analysis. Journal of Computational and Applied Mathematics, 2022, 406, 114017.	2.0	6
14	Numerical Method for Multi-Alleles Genetic Drift Problem. SIAM Journal on Numerical Analysis, 2019, 57, 1770-1788.	2.3	5
15	Fully discrete IPDG–HMM for multiscale Richards equation of unsaturated flow in porous media. Journal of Computational and Applied Mathematics, 2015, 290, 352-369.	2.0	3
16	Structure-Preserving Numerical Methods for Nonlinear Fokker–Planck Equations with Nonlocal Interactions by an Energetic Variational Approach. SIAM Journal of Scientific Computing, 2021, 43, B82-B107.	2.8	3
17	A second order numerical scheme for the annealing of metal–intermetallic laminate composite: A ternary reaction system. Journal of Computational Physics, 2018, 374, 1044-1060.	3.8	2
18	Pricing timer options: second-order multiscale stochastic volatility asymptotics. ANZIAM Journal, 0, 63, 249-267.	0.0	2

#	ARTICLE	IF	CITATIONS
19	A Group Norm Regularized Factorization Model for Subspace Segmentation. IEEE Access, 2020, 8, 106601-106613.	4.2	1
20	Risk Measurement by G-Expected Shortfall. Mathematical Problems in Engineering, 2021, 2021, 1-13.	1.1	0
21	PRICING TIMER OPTIONS: SECOND-ORDER MULTISCALE STOCHASTIC VOLATILITY ASYMPTOTICS. ANZIAM Journal, 2021, 63, 249-267.	0.2	0