

List of Publications by Year in descending order

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21
papers

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1039406

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21
times ranked

245
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. <i>Communications in Mathematical Sciences</i> , 2016, 14, 489-515.	0.5	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. <i>Journal of Scientific Computing</i> , 2016, 69, 1083-1114.	1.1	91
3	A second order operator splitting numerical scheme for the “Good–Boussinesq equation. <i>Applied Numerical Mathematics</i> , 2017, 119, 179-193.	1.2	48
4	A positivity-preserving, energy stable and convergent numerical scheme for the Poisson-Nernst-Planck system. <i>Mathematics of Computation</i> , 2021, 90, 2071-2106.	1.1	36
5	Complete Numerical Solution of the Diffusion Equation of Random Genetic Drift. <i>Genetics</i> , 2013, 194, 973-985.	1.2	30
6	On the Operator Splitting and Integral Equation Preconditioned Deferred Correction Methods for the “Good–Boussinesq Equation. <i>Journal of Scientific Computing</i> , 2018, 75, 687-712.	1.1	21
7	Numerical methods for multiscale transport equations and application to two-phase porous media flow. <i>Journal of Computational Physics</i> , 2005, 210, 656-675.	1.9	20
8	Numerical complete solution for random genetic drift by energetic variational approach. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2019, 53, 615-634.	0.8	11
9	Numerical methods for porous medium equation by an energetic variational approach. <i>Journal of Computational Physics</i> , 2019, 385, 13-32.	1.9	9
10	Behavior of different numerical schemes for random genetic drift. <i>BIT Numerical Mathematics</i> , 2019, 59, 797-821.	1.0	8
11	Calibration of stochastic volatility models: A Tikhonov regularization approach. <i>Journal of Economic Dynamics and Control</i> , 2016, 64, 66-81.	0.9	7
12	Local exponentially fitted finite element schemes for singularly perturbed convection–diffusion problems. <i>Journal of Computational and Applied Mathematics</i> , 2001, 132, 277-293.	1.1	6
13	An iteration solver for the Poisson–Nernst–Planck system and its convergence analysis. <i>Journal of Computational and Applied Mathematics</i> , 2022, 406, 114017.	1.1	6
14	Numerical Method for Multi-Alleles Genetic Drift Problem. <i>SIAM Journal on Numerical Analysis</i> , 2019, 57, 1770-1788.	1.1	5
15	Fully discrete IPDG–HMM for multiscale Richards equation of unsaturated flow in porous media. <i>Journal of Computational and Applied Mathematics</i> , 2015, 290, 352-369.	1.1	3
16	Structure-Preserving Numerical Methods for Nonlinear Fokker–Planck Equations with Nonlocal Interactions by an Energetic Variational Approach. <i>SIAM Journal of Scientific Computing</i> , 2021, 43, B82-B107.	1.3	3
17	A second order numerical scheme for the annealing of metal–intermetallic laminate composite: A ternary reaction system. <i>Journal of Computational Physics</i> , 2018, 374, 1044-1060.	1.9	2
18	Pricing timer options: second-order multiscale stochastic volatility asymptotics. <i>ANZIAM Journal</i> , 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.	2.6	1
20	Risk Measurement by G-Expected Shortfall. Mathematical Problems in Engineering, 2021, 2021, 1-13.	0.6	0
21	PRICING TIMER OPTIONS: SECOND-ORDER MULTISCALE STOCHASTIC VOLATILITY ASYMPTOTICS. ANZIAM Journal, 2021, 63, 249-267.	0.3	0