Maria Cameron

List of Publications by Year in descending order

13 papers	**151** citations	1307594 **7** h-index	1125743 **13** g-index
13 all docs	**13** docs citations	**13** times ranked	**97** citing authors

#	Article	IF	Citations
1	Flows in Complex Networks: Theory, Algorithms, and Application to Lennard–Jones Cluster Rearrangement. Journal of Statistical Physics, 2014, 156, 427-454.	1.2	47
2	Ordered Line Integral Methods for Computing the Quasi-Potential. Journal of Scientific Computing, 2018, 75, 1351-1384.	2.3	24
3	An Ordered Line Integral Method for computing the quasi-potential in the case of variable anisotropic diffusion. Physica D: Nonlinear Phenomena, 2018, 382-383, 33-45.	2.8	14
4	Computing the quasipotential for nongradient SDEs in 3D. Journal of Computational Physics, 2019, 379, 325-350.	3.8	13
5	Computing Freidlin's Cycles for the Overdamped Langevin Dynamics. Application to the Lennard-Jones-38 Cluster. Journal of Statistical Physics, 2013, 152, 493-518.	1.2	11
6	Computing the asymptotic spectrum for networks representing energy landscapes using the minimum spanning tree. Networks and Heterogeneous Media, 2014, 9, 383-416.	1.1	11
7	Modeling Aggregation Processes of Lennard-Jones particles Via Stochastic Networks. Journal of Statistical Physics, 2017, 168, 408-433.	1.2	8
8	A Graph-Algorithmic Approach for the Study of Metastability in Markov Chains. Journal of Nonlinear Science, 2017, 27, 927-972.	2.1	6
9	Estimation of reactive fluxes in gradient stochastic systems using an analogy with electric circuits. Journal of Computational Physics, 2013, 247, 137-152.	3.8	5
10	Computing the quasipotential for highly dissipative and chaotic SDEs an application to stochastic Lorenz'63. Communications in Applied Mathematics and Computational Science, 2019, 14, 207-246.	1.8	4
11	Spectral analysis and clustering of large stochastic networks. Application to the Lennard-Jones-75 cluster. Molecular Simulation, 2016, 42, 1410-1428.	2.0	3
12	Ordered Line Integral Methods for Solving the Eikonal Equation. Journal of Scientific Computing, 2019, 81, 2010-2050.	2.3	3
13	An Efficient Jet Marcher for Computing the Quasipotential for 2D SDEs. Journal of Scientific Computing, 2022, 91, 1.	2.3	2