Li Xiao

List of Publications by Year
in descending order

12 papers	606 citations	1040018 9 h-index	1199563 12 g-index
12 all docs	12 docs citations	12 times ranked	805 citing authors

#	Article	IF	Citations
1	A New Likelihood Ratio Method for Training Artificial Neural Networks. INFORMS Journal on Computing, 2022, 34, 638-655.	1.7	3
2	Label-Free Segmentation of COVID-19 Lesions in Lung CT. IEEE Transactions on Medical Imaging, 2021, 40, 2808-2819.	8.9	84
3	DeepACEv2: Automated Chromosome Enumeration in Metaphase Cell Images Using Deep Convolutional Neural Networks. IEEE Transactions on Medical Imaging, 2020, 39, 3920-3932.	8.9	16
4	A Continuum Poissonâ€“Boltzmann Model for Membrane Channel Proteins. Journal of Chemical Theory and Computation, 2017, 13, 3398-3412.	5.3	19
5	Numerical interpretation of molecular surface field in dielectric modeling of solvation. Journal of Computational Chemistry, 2017, 38, 1057-1070.	3.3	10
6	Exploring a multi-scale method for molecular simulation in continuum solvent model: Explicit simulation of continuum solvent as an incompressible fluid. Journal of Chemical Physics, 2017, 147, 214112.	3.0	3
7	Recent Developments and Applications of the MMPBSA Method. Frontiers in Molecular Biosciences, 2017, 4, 87.	3.5	374
8	Modeling Membrane Proteinâ€“Ligand Binding Interactions: The Human Purinergic Platelet Receptor. Journal of Physical Chemistry B, 2016, 120, 12293-12304.	2.6	24
9	A semi-implicit augmented IIM for Navierâ€“Stokes equations with open, traction, or free boundary conditions. Journal of Computational Physics, 2015, 297, 182-193.	3.8	10
10	Recent progress in adapting Poissonâ€“Boltzmann methods to molecular simulations. Journal of Theoretical and Computational Chemistry, 2014, 13, 1430001.	1.8	25
11	A multi-scale method for dynamics simulation in continuum solvent models. I: Finite-difference algorithm for Navierâ€“Stokes equation. Chemical Physics Letters, 2014, 616-617, 67-74.	2.6	11
12	Electrostatic forces in the Poisson-Boltzmann systems. Journal of Chemical Physics, 2013, 139, 094106.	3.0	27