Wendy D Cornell

List of Publications by Year
in descending order

12	15,168	932766 10	1281420 11
papers	citations	h-index	g-index

14	14	14	13999
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Second Generation Force Field for the Simulation of Proteins, Nucleic Acids, and Organic Molecules. Journal of the American Chemical Society, 1995, 117, 5179-5197.	6.6	12,116
2	Application of RESP charges to calculate conformational energies, hydrogen bond energies, and free energies of solvation. Journal of the American Chemical Society, 1993, 115, 9620-9631.	6.6	1,229
3	Application of the multimolecule and multiconformational RESP methodology to biopolymers: Charge derivation for DNA, RNA, and proteins. Journal of Computational Chemistry, 1995, 16, 1357-1377.	1.5	944
4	Comparison of Topological, Shape, and Docking Methods in Virtual Screening. Journal of Chemical Information and Modeling, 2007, 47, 1504-1519.	2.5	384
5	A quantum Mechanical Investigation of the Conformational Energetics of the Alanine and Glycine Dipeptides in the Gas Phase and in Aqueous Solution. Journal of the American Chemical Society, 1994, 116, 9250-9256.	6.6	155
6	Drug-like Density: A Method of Quantifying the â€œBindabilityâ€•of a Protein Target Based on a Very Large Set of Pockets and Drug-like Ligands from the Protein Data Bank. Journal of Chemical Information and Modeling, 2010, 50, 2029-2040.	2.5	100
7	Calculation of molecular geometries, relative conformational energies, dipole moments, and molecular electrostatic potential fitted charges of small organic molecules of biochemical interest by density functional theory. Journal of Computational Chemistry, 1995, 16, 1483-1506.	1.5	99
8	Combining Docking Pose Rank and Structure with Deep Learning Improves Proteinâ€“Ligand Binding Mode Prediction over a Baseline Docking Approach. Journal of Chemical Information and Modeling, 2020, 60, 4170-4179.	2.5	64
9	Multiple protein structures and multiple ligands: effects on the apparent goodness of virtual screening results. Journal of Computer-Aided Molecular Design, 2008, 22, 257-265.	1.3	52
10	The effects of basis set and blocking groups on the conformational energies of glycyl and alanyl dipeptides A Hartree-Fock and MP2 study. Computational and Theoretical Chemistry, 1997, 392, 101-109.	1.5	19
11	Application of a simple diagonal force field to the simulation of cyclopentane conformational dynamics. Journal of Computational Chemistry, 1996, 17, 1541-1548.	1.5	5
12	Application of a simple diagonal force field to the simulation of cyclopentane conformational dynamics. , 1996, 17, 1541.		1