Adrian W Lange

List of Publications by Year in Descending Order

12 papers	2,836 citations	9 h-index	12 g-index
12 ext. papers	3,329 ext. citations	4.9 avg, IF	4.26 L-index

#	Paper	IF	Citations
12	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. *Journal of Chemical Physics*, **2021**, 155, 084801	3.9	115
11	Intrinsically smooth discretisation of Connolly's solvent-excluded molecular surface. *Molecular Physics*, **2020**, 118, e1644384	1.7	9
10	Advances in molecular quantum chemistry contained in the Q-Chem 4 program package. *Molecular Physics*, **2015**, 113, 184-215	1.7	2068
9	Improving Generalized Born Models by Exploiting Connections to Polarizable Continuum Models. II. Corrections for Salt Effects. *Journal of Chemical Theory and Computation*, **2012**, 8, 4381-92	6.4	8
8	Improving Generalized Born Models by Exploiting Connections to Polarizable Continuum Models. I. An Improved Effective Coulomb Operator. *Journal of Chemical Theory and Computation*, **2012**, 8, 1999-2011	6.4	13
7	Symmetric versus asymmetric discretization of the integral equations in polarizable continuum solvation models. *Chemical Physics Letters*, **2011**, 509, 77-87	2.5	58
6	Response to "Comment on "A smooth, nonsingular, and faithful discretization scheme for polarizable continuum models: The switching/Gaussian approach" [J. Chem. Phys. 134, 117101 (2011)]. *Journal of Chemical Physics*, **2011**, 134, 117102	3.9	5
5	A simple polarizable continuum solvation model for electrolyte solutions. *Journal of Chemical Physics*, **2011**, 134, 204110	3.9	16
4	Polarizable Continuum Reaction-Field Solvation Models Affording Smooth Potential Energy Surfaces. *Journal of Physical Chemistry Letters*, **2010**, 1, 556-561	6.4	89
3	A smooth, nonsingular, and faithful discretization scheme for polarizable continuum models: the switching/Gaussian approach. *Journal of Chemical Physics*, **2010**, 133, 244111	3.9	137
2	Both intra- and interstrand charge-transfer excited states in aqueous B-DNA are present at energies comparable to, or just above, the (1)pipi* excitonic bright states. *Journal of the American Chemical Society*, **2009**, 131, 3913-22	16.4	168
1	Charge-transfer excited states in a pi-stacked adenine dimer, as predicted using long-range-corrected time-dependent density functional theory. *Journal of Physical Chemistry B*, **2008**, 112, 6304-8	3.4	150