Lee M J Huntington

List of Publications by Year
in descending order

10 papers	250 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	242 citing authors

#	Article	IF	Citations
1	Scaling up electronic structure calculations on quantum computers: The frozen natural orbital based method of increments. Journal of Chemical Physics, 2021, 155, 034110.	3.0	15
2	Optimizing electronic structure simulations on a trapped-ion quantum computer using problem decomposition. Communications Physics, 2021, 4, .	5.3	23
3	An efficient pair natural orbital based configuration interaction scheme for the calculation of open-shell ionization potentials. Journal of Chemical Physics, 2018, 149, 114108.	3.0	8
4	A toolchain for the automatic generation of computer codes for correlated wavefunction calculations. Journal of Computational Chemistry, 2017, 38, 1853-1868.	3.3	18
5	Similarity transformed equation of motion coupled-cluster theory based on an unrestricted Hartree-Fock reference for applications to high-spin open-shell systems. Journal of Chemical Physics, 2017, 147, 174104.	3.0	13
6	Benchmark Applications of Variations of Multireference Equation of Motion Coupled-Cluster Theory. Journal of Chemical Theory and Computation, 2016, 12, 114-132.	5.3	26
7	Application of multireference equation of motion coupled-cluster theory to transition metal complexes and an orbital selection scheme for the efficient calculation of excitation energies. Journal of Chemical Physics, 2015, 142, 194111.	3.0	23
8	Accurate thermochemistry from a parameterized coupled-cluster singles and doubles model and a local pair natural orbital based implementation for applications to larger systems. Journal of Chemical Physics, 2012, 136, 064101.	3.0	68
9	pCCSD: Parameterized coupled-cluster theory with single and double excitations. Journal of Chemical Physics, 2010, 133, 184109.	3.0	54
10	An SO(4) invariant Hamiltonian and the twoâ€body bound state. I: Coulomb interaction between two spinless particles. International Journal of Quantum Chemistry, 2009, 109, 2885-2896.	2.0	2