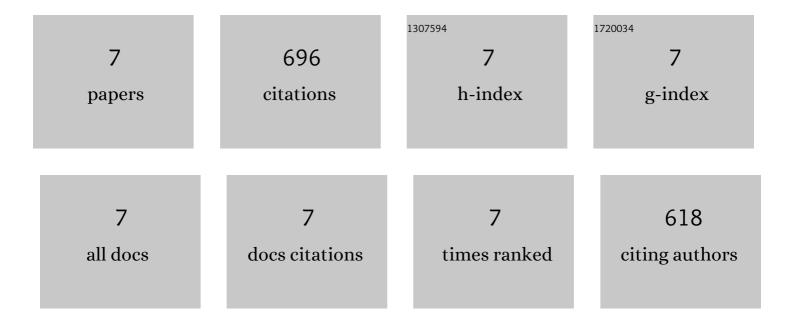
Marat Sibaev

List of Publications by Year in descending order

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MADAT SIRAFY

#	Article	IF	CITATIONS
1	Molecular second-quantized Hamiltonian: Electron correlation and non-adiabatic coupling treated on an equal footing. Journal of Chemical Physics, 2020, 153, 124102.	3.0	9
2	The Molpro quantum chemistry package. Journal of Chemical Physics, 2020, 152, 144107.	3.0	603
3	Comparing the accuracy of perturbative and variational calculations for predicting fundamental vibrational frequencies of dihalomethanes. Journal of Chemical Physics, 2018, 148, 084102.	3.0	14
4	Balancing accuracy and efficiency in selecting vibrational configuration interaction basis states using vibrational perturbation theory. Journal of Chemical Physics, 2016, 145, .	3.0	23
5	PyVCI: A flexible open-source code for calculating accurate molecular infrared spectra. Computer Physics Communications, 2016, 203, 290-297.	7.5	20
6	The <scp>P</scp> y <scp>PES</scp> library of high quality semiâ€global potential energy surfaces. Journal of Computational Chemistry, 2015, 36, 2200-2207.	3.3	15
7	Quadratic Corrections to Harmonic Vibrational Frequencies Outperform Linear Models. Journal of Physical Chemistry A, 2015, 119, 13107-13112.	2.5	12