Carlos F Bunge

List of Publications by Year
in descending order

14	486	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Symmetric dissociation of the water molecule with truncation energy error. A benchmark study. Physical Chemistry Chemical Physics, 2019, 21, 4953-4964.	2.8	5
2	Present Status of Selected Configuration Interaction With Truncation Energy Error. Advances in Quantum Chemistry, 2018, 76, 3-34.	0.8	3
3	Recent Progress in the Variational Orbital Approach to Atomic and Molecular Electronic Structure. Advances in Quantum Chemistry, 2016, 72, 129-176.	0.8	11
4	A prioriselected configuration interaction with truncation energy error, general sensitivity analysis and application to the Ne atom. Molecular Physics, 2010, 108, 3279-3288.	1.7	10
5	Selected configuration interaction with truncation energy error and application to the Ne atom. Journal of Chemical Physics, 2006, 125, 014107.	3.0	35
6	Select-divide-and-conquer method for large-scale configuration interaction. Journal of Chemical Physics, 2006, 125, 014108.	3.0	23
7	Cracking Electron Correlation. Physica Scripta, 2005, T120, 78-82.	2.5	6
8	Atomic configuration interaction and studies of He, Li, Be, and Ne ground states. Physical Review A, 1997, 56, 2614-2623.	2.5	52
9	Hartree-Fock and Roothaan-Hartree-Fock energies for the ground states of He through Xe. Physical Review A, 1992, 46, 3691-3696.	2.5	141
10	Symmetry-eigenfunctions for many-electron atoms and molecules: A unified and friendly approach for frontier research and student training. Computers & Chemistry, 1989, 13, 201-222.	1.2	31
11	Angular momentum eigenfunctions for many-electron calculations. Computers & Chemistry, 1989, 13, 223-238.	1.2	20
12	Spin eigenfunctions for many-electron calculations. Computers & Chemistry, 1989, 13, 239-254.	1.2	22
13	Molecular symmetry eigenfunctions for many-electron calculations. Computers & Chemistry, 1989, 13, 255-270.	1.2	14
14	Electronic wave functions for atoms. Theoretica Chimica Acta, 1970, 16, 126-144.	0.8	113