

Carlos F Bunge

List of Publications by Year in descending order

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14
papers

486
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

247
citing authors

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