Terutaka Yoshizawa

List of Publications by Year
in descending order

13	162	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mathematical discussion of Pons Viver's implementation of LÃ¶wdin's spin projection operator. International Journal of Quantum Chemistry, 2020, 120, e26215.	2.0	1
2	Calculation of contact densities and MÃ¶ssbauer isomer shifts utilising the Dirac-exact two-component normalised elimination of the small component (2c-NESC) method. Molecular Physics, 2019, 117, 1164-1171.	1.7	10
3	On the development of the exact two-component relativistic method for calculating indirect NMR spin-spin coupling constants. Chemical Physics, 2019, 518, 112-122.	1.9	9
4	Calculations of atomic magnetic nuclear shielding constants based on the two-component normalized elimination of the small component method. Journal of Chemical Physics, 2017, 146, 134109.	3.0	27
5	Calculations of nuclear magnetic shielding constants based on the exact two-component relativistic method. Journal of Chemical Physics, 2017, 147, 154104.	3.0	18
6	Calculations of electric dipole moments and static dipole polarizabilities based on the two-component normalized elimination of the small component method. Journal of Chemical Physics, 2016, 145, 184104.	3.0	27
7	Gauge-origin dependence of NMR shielding constants in the Douglasâ€“Krollâ€“Hess method. Chemical Physics Letters, 2015, 618, 132-141.	2.6	5
8	The Douglasâ€“Krollâ€“Hess method based on vector-potential-including Foldyâ€“Wouthuysen transformation: Application to NMR shielding tensor. Chemical Physics Letters, 2013, 580, 145-151.	2.6	7
9	NMR shielding constants of CuX, AgX, and AuX (X = F, Cl, Br, and I) investigated by density functional theory based on the Douglasâ€“Krollâ€“Hess Hamiltonian. Journal of Computational Chemistry, 2013, 34, 1013-1023.	3.3	11
10	A new computational scheme for the spinâ€“orbit part of zero-field splitting tensor. Chemical Physics Letters, 2012, 549, 108-112.	2.6	8
11	Second-order generalized unrestricted MÃ¸llerâ€“Plesset perturbation theory for the spinâ€“orbit part of zero-field splitting tensors. Chemical Physics Letters, 2011, 515, 296-301.	2.6	12
12	Relativistic and electronâ€correlation effects on magnetizabilities investigated by the Douglasâ€Krollâ€Hess method and the secondâ€order MÃ¸llerâ€Plesset perturbation theory. Journal of Computational Chemistry, 2009, 30, 2550-2566.	3.3	15
13	Calculations of frequency-dependent molecular magnetizabilities with quasi-relativistic time-dependent generalized unrestricted Hartreeâ€“Fock method. Journal of Computational Chemistry, 2007, 28, 740-747.	3.3	12