Pekka Manninen

List of Publications by Year
in descending order

22 papers	797 citations	567281 15 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	393 citing authors

#	Article	IF	Citations
1	Contraction of completeness-optimized basis sets: Application to ground-state electron momentum densities. Journal of Chemical Physics, 2013, 138, 044109.	3.0	18
2	Completeness-optimized basis sets: Application to ground-state electron momentum densities. Journal of Chemical Physics, 2012, 137, 104105.	3.0	19
3	Vibrational effects in the parity-violating contributions to the isotropic nuclear magnetic resonance chemical shift. Chemical Physics Letters, 2009, 470, 166-171.	2.6	11
4	NMR tensors in planar hydrocarbons of increasing size. Physical Chemistry Chemical Physics, 2009, 11, 11404.	2.8	27
5	Effect of molecular size on the parity-non-conserving contributions to the nuclear magnetic resonance shielding constant. Theoretical Chemistry Accounts, 2008, 121, 53-57.	1.4	5
6	Laser-induced nuclear magnetic resonance splitting in hydrocarbons. Journal of Chemical Physics, 2008, 129, 124102.	3.0	26
7	Methodological aspects in the calculation of parity-violating effects in nuclear magnetic resonance parameters. Journal of Chemical Physics, 2007, 126, 074107.	3.0	18
8	Linear-scaling implementation of molecular electronic self-consistent field theory. Journal of Chemical Physics, 2007, 126, 114110.	3.0	78
9	General biorthogonal projected bases as applied to second-order MÃ¸ller-Plesset perturbation theory. Journal of Chemical Physics, 2007, 127, 074106.	3.0	30
10	Parity-violating effects in electron spin resonance g-tensors. Chemical Physics Letters, 2006, 433, 37-42.	2.6	4
11	Systematic Gaussian basis-set limit using completeness-optimized primitive sets. A case for magnetic properties. Journal of Computational Chemistry, 2006, 27, 434-445.	3.3	75
12	Comment on â€œCalculation of nuclear magnetic shieldings using an analytically differentiated relativistic shielding formulaâ€•[J. Chem. Phys. 123, 114102 (2005)]. Journal of Chemical Physics, 2006, 124, 137101.	3.0	15
13	Leading-order relativistic effects on nuclear magnetic resonance shielding tensors. Journal of Chemical Physics, 2005, 122, 114107.	3.0	113
14	Perturbational calculations of parity-violating effects in nuclear-magnetic-resonance parameters. Journal of Chemical Physics, 2005, 123, 054501.	3.0	35
15	Magnetic-field dependence of ^{59}Conuclear magnetic shielding in Co(III) complexes. Physical Review A, 2004, 69, .	2.5	19
16	Perturbational and ECP Calculation of Relativistic Effects in NMR Shielding and Spin-Spin Coupling. , 2004, , 209-226.		54
17	Magnetic-field-induced quadrupole coupling in the nuclear magnetic resonance of noble-gas atoms and molecules. Physical Review A, 2004, 70, .	2.5	5
18	Perturbational relativistic theory of electron spin resonance g-tensor. Journal of Chemical Physics, 2004, 121, 1258-1265.	3.0	17

#	Article	IF	Citations
19	Magnetic field dependence of nuclear magnetic shielding in closed-shell atomic systems. Chemical Physics Letters, 2003, 372, 750-757.	2.6	22
20	Perturbationalab initiocalculations of relativistic contributions to nuclear magnetic resonance shielding tensors. Journal of Chemical Physics, 2003, 119, 2623-2637.	3.0	124
21	Volatile oil analysis ofThymus vulgaris L. by directly coupled SFE/GC. Journal of Separation Science, 1992, 4, 3-7.	1.0	16
22	Separation of several metal chelates by capillary supercritical fluid chromatography. Journal of High Resolution Chromatography, 1991, 14, 210-211.	1.4	12