

Subhas J Chakravorty

List of Publications by Year in descending order

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14
papers

1,507
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-state correlation energies for atomic ions with 3 to 18 electrons. Physical Review A, 1993, 47, 3649-3670.	2.5	488
2	Ground-state correlation energies for two- to ten-electron atomic ions. Physical Review A, 1991, 44, 7071-7083.	2.5	360
3	A possible definition of basis set superposition error. Chemical Physics Letters, 1994, 217, 48-54.	2.6	123
4	Refinement of the Asymptotic Z Expansion for the Ground-State Correlation Energies of Atomic Ions. The Journal of Physical Chemistry, 1996, 100, 6167-6172.	2.9	110
5	A comparative study of density functional models to estimate molecular atomization energies. Journal of Chemical Physics, 1990, 93, 2591-2602.	3.0	105
6	Soft Coulomb hole for the Hartree-Fock model to estimate atomic correlation energies. Physical Review A, 1989, 39, 2290-2296.	2.5	102
7	The water dimer: correlation energy calculations. The Journal of Physical Chemistry, 1993, 97, 6373-6383.	2.9	86
8	Some rigorous inequalities among the Weizsacker correction and atomic $\langle r^{-n} \rangle$ and $\langle r^n \rangle$ values. Journal of Chemical Physics, 1986, 84, 7051-7052.	3.0	33
9	Hartree-Fock momentum expectation values for atoms and ions. Atomic Data and Nuclear Data Tables, 1983, 28, 477-491.	2.4	30
10	The average electron momentum density and rigorous bounds to average electron densities for atoms and molecules. Chemical Physics Letters, 1986, 132, 535-540.	2.6	27
11	Use of a nonlocal density approximation for transformation from electron density to electron momentum density. Journal of Chemical Physics, 1987, 86, 2224-2228.	3.0	13
12	Reply to comment on "A possible definition of basis set superposition error". Chemical Physics Letters, 1995, 241, 146-148.	2.6	12
13	Interconnections between atomic-electron density and electron-momentum density: Leading and tail corrections. Physical Review A, 1986, 33, 1374-1377.	2.5	11
14	Coulomb energy, total X-ray scattering intensities and average electron densities. Chemical Physics Letters, 1987, 142, 205-208.	2.6	7