

Uniform electron gas from the Colle-Salvetti functional

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pair distribution function of the spin-polarized electron gas: A first-principles analytic model for all uniform densities. <i>Physical Review B</i> , 2002, 66, .	1.1	76
2	An accurate MGGA-based hybrid exchange-correlation functional. <i>Journal of Chemical Physics</i> , 2002, 116, 2335-2337.	1.2	20
3	Combining two-body density functionals with multiconfigurational wavefunctions: diatomic molecules. <i>Molecular Physics</i> , 2003, 101, 361-371.	0.8	35
4	Usefulness of the Colle-Salvetti model for the treatment of the nondynamic correlation. <i>Journal of Chemical Physics</i> , 2003, 118, 1054-1058.	1.2	21
5	Determination of a Wave Function Functional. <i>Physical Review Letters</i> , 2004, 93, 130401.	2.9	19
6	Correlation energy of many-electron systems: A modified Colle-Salvetti approach. <i>Journal of Chemical Physics</i> , 2004, 121, 7671.	1.2	33
7	Progress in the development of exchange-correlation functionals. , 2005, , 669-724.		108
8	The Colle-Salvetti Wavefunction Revisited: a Comparison Between Three Approaches for Obtaining the Correlation Energy. <i>Theoretical Chemistry Accounts</i> , 2006, 115, 334-342.	0.5	8
9	Fundamental importance of the Coulomb hole sum rule to the understanding of the Colle-Salvetti wave function functional. <i>Journal of Chemical Physics</i> , 2006, 125, 034103.	1.2	2
10	Orbital currents in the Colle-Salvetti correlation energy functional and the degeneracy problem. <i>Journal of Chemical Physics</i> , 2007, 127, 124103.	1.2	11
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16	Orbital-dependent density functionals: Theory and applications. <i>Reviews of Modern Physics</i> , 2008, 80, 3-60.	16.4	1,069
17	Local correlation functional for electrons in two dimensions. <i>Physical Review B</i> , 2008, 78, .	1.1	25
18	Analytic form of the correlation energy of the uniform electron gas. <i>Physical Review A</i> , 2009, 79, .	1.0	7

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19	Toward improved density functionals for the correlation energy. <i>Journal of Chemical Physics</i> , 2009, 131, 134109.	1.2	46
20	A variational density matrix approach with nonlocal effective potential. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 183-187.	0.5	1
21	The self-interaction error and the description of non-dynamic electron correlation in density functional theory. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 171-182.	0.5	51
22	Extension of Density Functional Theory to Nuclear Orbital plus Molecular Orbital Theory: Self-Consistent Field Calculations with the Colle-Salvetti Electron-Nucleus Correlation Functional. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1133-1139.	2.0	22
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29	Kinetic-energy-density dependent semilocal exchange-correlation functionals. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 1641-1694.	1.0	78
30	A study of accurate exchange-correlation functionals through adiabatic connection. <i>Journal of Chemical Physics</i> , 2017, 147, 144105.	1.2	9
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