

Short-range correlation in the uniform electron gas: Ext

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Momentum distribution of the uniform electron gas: Improved parametrization and exact limits of the cumulant expansion. <i>Physical Review B</i> , 2002, 66, .	1.1	57
2	Self-consistent Overhauser model for the pair distribution function of an electron gas in dimensionalities $D=3$ and $D=2$. <i>Physical Review B</i> , 2002, 66, .	1.1	37
3	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
4	Spin Dynamics from Time-Dependent Spin-Density-Functional Theory. <i>Physical Review Letters</i> , 2002, 88, 056404.	2.9	55
5	Momentum Distribution of the Uniform Electron Gas and Its Proper Parametrization. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 232, 231-242.	0.7	12
6	Pair-correlation function at zero-interelectronic distance and its coupling-constant average in electron gas. <i>Physica B: Condensed Matter</i> , 2002, 322, 419-422.	1.3	0
7	Cumulant 2-matrix of the high-density electron gas and the density matrix functional theory. <i>International Journal of Quantum Chemistry</i> , 2002, 90, 342-354.	1.0	22
8	Effective interactions between parallel-spin electrons in two-dimensional jellium approaching the magnetic phase transition. <i>Solid State Communications</i> , 2002, 121, 295-299.	0.9	1
9	Spin-density functional approach to thermodynamic and structural consistence in the charge and spin response of an electron gas. <i>Solid State Communications</i> , 2002, 124, 335-339.	0.9	5
10	Pair densities at contact in the quantum electron gas. <i>Solid State Communications</i> , 2003, 125, 139-142.	0.9	8
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15	Solving the Ultranonlocality Problem in Time-Dependent Spin-Density-Functional Theory. <i>Physical Review Letters</i> , 2003, 90, 066402.	2.9	26
16	Short-range correlation in an electron gas: A scattering approach. <i>Physical Review B</i> , 2003, 67, .	1.1	15
17	Normalization sum rules for the two-body scattering phase shifts of the electron-gas pair densities. <i>Physical Review B</i> , 2003, 67, .	1.1	14
18	Spin-resolved pair-distribution functions in an electron gas: A scattering approach based on consistent potentials. <i>Physical Review B</i> , 2004, 69, .	1.1	9

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19	Pair-distribution functions of the two-dimensional electron gas. <i>Physical Review B</i> , 2004, 70, .	1.1	47
20	Simple physical picture of the Overhauser screened electron-electron interaction. <i>Physical Review B</i> , 2004, 69, .	1.1	21
21	Exchange and correlation as a functional of the local density of states. <i>Physical Review B</i> , 2004, 69, .	1.1	5
22	The electron-gas pair density and its geminal representation I. The geminal weight and its singularities. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 3544-3555.	0.7	4
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30	Simple model of the static exchange-correlation kernel of a uniform electron gas with long-range electron-electron interaction. <i>Physical Review B</i> , 2005, 72, .	1.1	18
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38	High-Density Limit of Two-Electron Systems: Results from the Extended Overhauser Approach. <i>Journal of Chemical Theory and Computation</i> , 2007, 3, 796-802.	2.3	5
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40	Theoretical study of quasiparticle inelastic lifetimes as applied to aluminum. <i>Physical Review B</i> , 2008, 78, .	1.1	18
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52	Symmetric Nonlocal Weighted Density Approximations from the Exchange-Correlation Hole of the Uniform Electron Gas. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 4081-4093.	2.3	22
53	Using the spin-resolved electronic direct correlation function to estimate the correlation energy of the spin-polarized uniform electron gas. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 670-673.	1.9	6
54	Quantum Monte Carlo study of the three-dimensional spin-polarized homogeneous electron gas. <i>Physical Review B</i> , 2013, 88, .	1.1	79

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57	Vertex Corrections for Positive-Definite Spectral Functions of Simple Metals. Physical Review Letters, 2016, 117, 206402.	2.9	18
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65	A New Microscopic Calculation for the Uniform Electron Fluid. Acta Physica Polonica A, 2011, 119, 312-322.	0.2	0
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70	Review of Approximations for the Exchange-Correlation Energy in Density-Functional Theory. , 2023, , 1-90.		3