

Self-interaction-free electric dipole polarizabilities for a Fermi-LÃ¶wdin self-interaction correction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fermi-Löwdin orbital self-interaction correction using the strongly constrained and appropriately normed meta-GGA functional. <i>Journal of Chemical Physics</i> , 2019, 151, 154105.	1.2	38
2	A step in the direction of resolving the paradox of Perdew-Zunger self-interaction correction. <i>Journal of Chemical Physics</i> , 2019, 151, 214108.	1.2	56
3	Importance of self-interaction-error removal in density functional calculations on water cluster anions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3789-3799.	1.3	32
4	The Fermi-Löwdin self-interaction correction for ionization energies of organic molecules. <i>Journal of Chemical Physics</i> , 2020, 153, 184303.	1.2	12
5	Assessing the effect of regularization on the molecular properties predicted by SCAN and self-interaction corrected SCAN meta-GGA. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18060-18070.	1.3	6
6	Study of self-interaction errors in density functional predictions of dipole polarizabilities and ionization energies of water clusters using Perdew-Zunger and locally scaled self-interaction corrected methods. <i>Journal of Chemical Physics</i> , 2020, 153, 164304.	1.2	21
7	Application of Self-Interaction Corrected Density Functional Theory to Early, Middle, and Late Transition States. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8223-8234.	1.1	12
8	PyFLOSIC: Python-based Fermi-Löwdin orbital self-interaction correction. <i>Journal of Chemical Physics</i> , 2020, 153, 084104.	1.2	17
9	Improvements in the orbitalwise scaling down of Perdew-Zunger self-interaction correction in many-electron regions. <i>Journal of Chemical Physics</i> , 2020, 152, 174112.	1.2	23
10	A step in the direction of resolving the paradox of Perdew-Zunger self-interaction correction. II. Gauge consistency of the energy density at three levels of approximation. <i>Journal of Chemical Physics</i> , 2020, 152, 214109.	1.2	23
11	Local self-interaction correction method with a simple scaling factor. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2406-2418.	1.3	14
12	Density-related properties from self-interaction corrected density functional theory calculations. <i>Journal of Chemical Physics</i> , 2021, 154, 024102.	1.2	8
13	Too big, too small, or just right? A benchmark assessment of density functional theory for predicting the spatial extent of the electron density of small chemical systems. <i>Journal of Chemical Physics</i> , 2021, 154, 074109.	1.2	15
14	Implementation of Perdew-Zunger self-interaction correction in real space using Fermi-Löwdin orbitals. <i>Journal of Chemical Physics</i> , 2021, 154, 084112.	1.2	7
15	Self-interaction correction in water-ion clusters. <i>Journal of Chemical Physics</i> , 2021, 154, 094302.	1.2	16
16	Static dipole polarizabilities of polyacenes using self-interaction-corrected density functional approximations. <i>Journal of Chemical Physics</i> , 2021, 154, 114305.	1.2	12
17	Exploring and enhancing the accuracy of interior-scaled Perdew-Zunger self-interaction correction. <i>Journal of Chemical Physics</i> , 2021, 154, 094105.	1.2	12
18	Fermi-Löwdin-orbital self-interaction correction using the optimized-effective-potential method within the Krieger-Li-Iafate approximation. <i>Physical Review A</i> , 2021, 103, .	1.0	14

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19	General Many-Body Framework for Data-Driven Potentials with Arbitrary Quantum Mechanical Accuracy: Water as a Case Study. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 5635-5650.	2.3	28
20	How well do self-interaction corrections repair the overestimation of static polarizabilities in density functional calculations?. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18678-18685.	1.3	14
21	Molecule-surface interaction from van der Waals-corrected semilocal density functionals: The example of thiophene on transition-metal surfaces. <i>Physical Review Materials</i> , 2020, 4, .	0.9	13
22	Study of Self-Interaction Errors in Density Functional Calculations of Magnetic Exchange Coupling Constants Using Three Self-Interaction Correction Methods. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1923-1935.	1.1	6
23	Fermiâ€“LÃƒwgin orbital self-interaction correction of adsorption energies on transition metal ions. <i>Journal of Chemical Physics</i> , 2022, 156, 134102.	1.2	2
24	Improving Results by Improving Densities: Density-Corrected Density Functional Theory. <i>Journal of the American Chemical Society</i> , 2022, 144, 6625-6639.	6.6	45
25	Density Matrix Implementation of the Fermiâ€“LÃƒwgin Orbital Self-Interaction Correction Method. <i>Journal of Physical Chemistry A</i> , 2023, 127, 527-534.	1.1	2
26	Self-consistent implementation of locally scaled self-interaction-correction method. <i>Journal of Chemical Physics</i> , 2023, 158, .	1.2	6
27	Downward quantum learning from element 118: Automated generation of Fermiâ€“LÃƒwgin orbitals for all atoms. <i>Journal of Chemical Physics</i> , 2023, 158, .	1.2	5