

# Carlos M Diaz

## List of Publications by Year in descending order

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9  
papers

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1307543

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docs citations

9  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	A step in the direction of resolving the paradox of Perdew-Zunger self-interaction correction. Journal of Chemical Physics, 2019, 151, 214108.	3.0	56
2	Fermi-LÅrdin orbital self-interaction correction using the strongly constrained and appropriately normed meta-GGA functional. Journal of Chemical Physics, 2019, 151, 154105.	3.0	38
3	Self-interaction-free electric dipole polarizabilities for atoms and their ions using the Fermi-LÅrdin self-interaction correction. Physical Review A, 2019, 100, .	2.5	27
4	Study of self-interaction errors in density functional predictions of dipole polarizabilities and ionization energies of water clusters using Perdewâ€Zunger and locally scaled self-interaction corrected methods. Journal of Chemical Physics, 2020, 153, 164304.	3.0	21
5	Fermi-LÅrdin-orbital self-interaction correction using the optimized-effective-potential method within the Krieger-Li-Iafate approximation. Physical Review A, 2021, 103, .	2.5	14
6	A DFT analysis of the ground and charge-transfer excited states of Sc <sub>3</sub> N@I <sub>h</sub> -C <sub>80</sub> fullerene coupled with metal-free and zinc-phthalocyanine. Physical Chemistry Chemical Physics, 2018, 20, 25841-25848.	2.8	10
7	Self-interaction-corrected Kohnâ€Sham effective potentials using the density-consistent effective potential method. Journal of Chemical Physics, 2021, 155, 064109.	3.0	8
8	Implementation of Perdewâ€Zunger self-interaction correction in real space using Fermiâ€LÅrdin orbitals. Journal of Chemical Physics, 2021, 154, 084112.	3.0	7
9	Assessing the effect of regularization on the molecular properties predicted by SCAN and self-interaction corrected SCAN meta-GGA. Physical Chemistry Chemical Physics, 2020, 22, 18060-18070.	2.8	6