

Aaron D Kaplan

List of Publications by Year in descending order

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282
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate and Numerically Efficient r^2 -SCAN Meta-Generalized Gradient Approximation. Journal of Physical Chemistry Letters, 2020, 11, 8208-8215.	2.1	335
2	r2SCAN-D4: Dispersion corrected meta-generalized gradient approximation for general chemical applications. Journal of Chemical Physics, 2021, 154, 061101.	1.2	70
3	Interpretations of ground-state symmetry breaking and strong correlation in wavefunction and density functional theories. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	53
4	Construction of meta-GGA functionals through restoration of exact constraint adherence to regularized SCAN functionals. Journal of Chemical Physics, 2022, 156, 034109.	1.2	25
5	Collapse of the electron gas from three to two dimensions in Kohn-Sham density functional theory. Physical Review B, 2018, 98, .	1.1	11
6	Simple hydrogenic estimates for the exchange and correlation energies of atoms and atomic ions, with implications for density functional theory. Journal of Chemical Physics, 2020, 153, 074114.	1.2	10
7	First-principles wave-vector- and frequency-dependent exchange-correlation kernel for jellium at all densities. Physical Review B, 2022, 105, .	1.1	7
8	Calculation and interpretation of classical turning surfaces in solids. Npj Computational Materials, 2021, 7, .	3.5	6
9	CPT invariance in classical electrodynamics. European Journal of Physics, 2017, 38, 065205.	0.3	5