

Yuxiang Mo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Accurate Semilocal Density Functional for Condensed-Matter Physics and Quantum Chemistry. <i>Physical Review Letters</i> , 2016, 117, 073001.	7.8	124
2	Assessment of the Tao-Mo nonempirical semilocal density functional in applications to solids and surfaces. <i>Physical Review B</i> , 2017, 95, .	3.2	37
3	Performance of a nonempirical density functional on molecules and hydrogen-bonded complexes. <i>Journal of Chemical Physics</i> , 2016, 145, 234306.	3.0	25
4	Performance of a nonempirical exchange functional from density matrix expansion: comparative study with different correlations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21707-21713.	2.8	20
5	Accurate lattice geometrical parameters and bulk moduli from a semilocal density functional. <i>AIP Advances</i> , 2018, 8, .	1.3	15
6	First-principles study of the binding energy between nanostructures and its scaling with system size. <i>Physical Review B</i> , 2018, 97, .	3.2	13
7	Accurate van der Waals coefficients between fullerenes and fullerene-alkali atoms and clusters: Modified single-frequency approximation. <i>Physical Review B</i> , 2016, 94, .	3.2	12
8	Accurate excitation energies of molecules and oligomers from a semilocal density functional. <i>Journal of Chemical Physics</i> , 2017, 146, 234102.	3.0	11
9	Energetic Study of Clusters and Reaction Barrier Heights from Efficient Semilocal Density Functionals. <i>Computation</i> , 2017, 5, 27.	2.0	7