

Yuxiang Mo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

221

citations

8

h-index

9

g-index

9

ext. papers

244

ext. citations

3.5

avg, IF

3.62

L-index

#	Paper	IF	Citations
9	First-principles study of the binding energy between nanostructures and its scaling with system size. <i>Physical Review B</i> , 2018 , 97,	3.3	12
8	Accurate lattice geometrical parameters and bulk moduli from a semilocal density functional. <i>AIP Advances</i> , 2018 , 8, 095209	1.5	10
7	Assessment of the Tao-Mo nonempirical semilocal density functional in applications to solids and surfaces. <i>Physical Review B</i> , 2017 , 95,	3.3	32
6	Accurate excitation energies of molecules and oligomers from a semilocal density functional. <i>Journal of Chemical Physics</i> , 2017 , 146, 234102	3.9	9
5	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	3.6	17
4	Energetic Study of Clusters and Reaction Barrier Heights from Efficient Semilocal Density Functionals. <i>Computation</i> , 2017 , 5, 27	2.2	7
3	Accurate van der Waals coefficients between fullerenes and fullerene-alkali atoms and clusters: Modified single-frequency approximation. <i>Physical Review B</i> , 2016 , 94,	3.3	11
2	Performance of a nonempirical density functional on molecules and hydrogen-bonded complexes. <i>Journal of Chemical Physics</i> , 2016 , 145, 234306	3.9	23
1	Accurate Semilocal Density Functional for Condensed-Matter Physics and Quantum Chemistry. <i>Physical Review Letters</i> , 2016 , 117, 073001	7.4	100