

# Yuxiang Mo

## List of Publications by Citations

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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	Accurate Semilocal Density Functional for Condensed-Matter Physics and Quantum Chemistry. <i>Physical Review Letters</i> , <b>2016</b> , 117, 073001	7.4	100
8	Assessment of the Tao-Mo nonempirical semilocal density functional in applications to solids and surfaces. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	32
7	Performance of a nonempirical density functional on molecules and hydrogen-bonded complexes. <i>Journal of Chemical Physics</i> , <b>2016</b> , 145, 234306	3.9	23
6	Performance of a nonempirical exchange functional from density matrix expansion: comparative study with different correlations. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 21707-21713	3.6	17
5	First-principles study of the binding energy between nanostructures and its scaling with system size. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	12
4	Accurate van der Waals coefficients between fullerenes and fullerene-alkali atoms and clusters: Modified single-frequency approximation. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	11
3	Accurate lattice geometrical parameters and bulk moduli from a semilocal density functional. <i>AIP Advances</i> , <b>2018</b> , 8, 095209	1.5	10
2	Accurate excitation energies of molecules and oligomers from a semilocal density functional. <i>Journal of Chemical Physics</i> , <b>2017</b> , 146, 234102	3.9	9
1	Energetic Study of Clusters and Reaction Barrier Heights from Efficient Semilocal Density Functionals. <i>Computation</i> , <b>2017</b> , 5, 27	2.2	7