Michael J Frisch

List of Publications by Citations

11 papers	2,129 citations	7 h-index	11 g-index
11 ext. papers	2,274 ext. citations	4.4 avg, IF	4.34 L-index

#	Paper	IF	Citations
11	A comparison of models for calculating nuclear magnetic resonance shielding tensors. *Journal of Chemical Physics*, **1996**, 104, 5497-5509	3.9	1842
10	Basis Set Dependence of Vibrational Raman and Raman Optical Activity Intensities. *Journal of Chemical Theory and Computation*, **2011**, 7, 3323-34	6.4	104
9	Nonresonant optical activity of isolated organic molecules. *Journal of Physical Chemistry A*, **2005**, 109, 11752-64	2.8	100
8	Practical Density Functionals beyond the Overdelocalization-Underbinding Zero-Sum Game. *Journal of Physical Chemistry Letters*, **2017**, 8, 4314-4318	6.4	24
7	Practical auxiliary basis implementation of Rung 3.5 functionals. *Journal of Chemical Physics*, **2014**, 141, 034103	3.9	22
6	Long-range-corrected Rung 3.5 density functional approximations. *Journal of Chemical Physics*, **2018**, 148, 104112	3.9	13
5	M11plus: A Range-Separated Hybrid Meta Functional with Both Local and Rung-3.5 Correlation Terms and High Across-the-Board Accuracy for Chemical Applications. *Journal of Chemical Theory and Computation*, **2019**, 15, 4804-4815	6.4	11
4	Density functionals for nondynamical correlation constructed from an upper bound to the exact exchange energy density. *Molecular Physics*, **2019**, 117, 1226-1241	1.7	6
3	M11plus, a Range-Separated Hybrid Meta Functional Incorporating Nonlocal Rung-3.5 Correlation, Exhibits Broad Accuracy on Diverse Databases. *Journal of Physical Chemistry Letters*, **2020**, 11, 3045-3050	6.4	5
2	Calculation of magnetic properties with density functional approximations including rung 3.5 ingredients. *Journal of Chemical Physics*, **2020**, 153, 164101	3.9	1
1	Re-integration with anchor points algorithm for ab initio molecular dynamics. *Journal of Chemical Physics*, **2021**, 155, 074106	3.9	1