Michael J Frisch

List of Publications by Year
in descending order

11 papers	2,464 citations	1305906 8 h-index	1427216 11 g-index
11 all docs	11 docs citations	11 times ranked	3275 citing authors

#	Article	IF	Citations
1	Re-integration with anchor points algorithm for ab initio molecular dynamics. Journal of Chemical Physics, 2021, 155, 074106.	1.2	1
2	Calculation of magnetic properties with density functional approximations including rung 3.5 ingredients. Journal of Chemical Physics, 2020, 153, 164101.	1.2	1
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.	2.1	10
4	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.	2.3	24
5	Density functionals for nondynamical correlation constructed from an upper bound to the exact exchange energy density. Molecular Physics, 2019, 117, 1226-1241.	0.8	8
6	Long-range-corrected Rung 3.5 density functional approximations. Journal of Chemical Physics, 2018, 148, 104112.	1.2	18
7	Practical Density Functionals beyond the Overdelocalizationâ€“Underbinding Zero-Sum Game. Journal of Physical Chemistry Letters, 2017, 8, 4314-4318.	2.1	35
8	Practical auxiliary basis implementation of Rung 3.5 functionals. Journal of Chemical Physics, 2014, 141, 034103.	1.2	23
9	Basis Set Dependence of Vibrational Raman and Raman Optical Activity Intensities. Journal of Chemical Theory and Computation, 2011, 7, 3323-3334.	2.3	128
10	Nonresonant Optical Activity of Isolated Organic Molecules. Journal of Physical Chemistry A, 2005, 109, 11752-11764.	1.1	110
11	A comparison of models for calculating nuclear magnetic resonance shielding tensors. Journal of Chemical Physics, 1996, 104, 5497-5509.	1.2	2,106