Yannick J Franzke

List of Publications by Citations

18	538	13	23
papers	citations	h-index	g-index
24	875	6.4	4.44
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
18	TURBOMOLE: Modular program suite for ab initio quantum-chemical and condensed-matter simulations. *Journal of Chemical Physics*, **2020**, 152, 184107	3.9	255
17	Efficient implementation of one- and two-component analytical energy gradients in exact two-component theory. *Journal of Chemical Physics*, **2018**, 148, 104110	3.9	36
16	Error-consistent segmented contracted all-electron relativistic basis sets of double- and triple-zeta quality for NMR shielding constants. *Physical Chemistry Chemical Physics*, **2019**, 21, 16658-16664	3.6	27
15	{PbSe}: a heavy CO homologue as an unexpected ligand. *Angewandte Chemie - International Edition*, **2015**, 54, 11283-8	16.4	27
14	NMR Shielding Tensors and Chemical Shifts in Scalar-Relativistic Local Exact Two-Component Theory. *Journal of Chemical Theory and Computation*, **2019**, 15, 1028-1043	6.4	27
13	Substantial aromaticity in the anionic heavy-metal cluster [Th@Bi]. *Nature Chemistry*, **2021**, 13, 149-155	17.6	22
12	The Identity of "Ternary" A/Tl/Pb or K/Tl/Bi Solid Mixtures and Binary Zintl Anions Isolated From Their Solutions. *Chemistry - A European Journal*, **2018**, 24, 12022-12030	4.8	19
11	Quasirelativistic two-component core excitations and polarisabilities from a damped-response formulation of the Bethe–Salpeter equation. *Molecular Physics*, **2020**, 118, e1755064	1.7	17
10	Low-Valent Group 14 Phosphinidenide Complexes [({SIDipp}P) M] Exhibit P-M p–p Interaction (M=Ge, Sn, Pb). *Chemistry - A European Journal*, **2020**, 26, 192-197	4.8	17
9	Stabilizing a metalloid {Zn} unit within a polymetallide environment in [KZnBi]. *Nature Communications*, **2020**, 11, 5122	17.4	15
8	Assessing the Accuracy of Local Hybrid Density Functional Approximations for Molecular Response Properties. *Journal of Chemical Theory and Computation*, **2021**, 17, 2928-2947	6.4	15
7	Calculations of current densities and aromatic pathways in cyclic porphyrin and isoporphyrin arrays. *Physical Chemistry Chemical Physics*, **2017**, 19, 12794-12803	3.6	14
6	Segmented Contracted Error-Consistent Basis Sets of Quadruple-Valence Quality for One- and Two-Component Relativistic All-Electron Calculations. *Journal of Chemical Theory and Computation*, **2020**, 16, 5658-5674	6.4	13
5	NMR Indirect Spin-Spin Coupling Constants in a Modern Quasi-Relativistic Density Functional Framework. *Journal of Chemical Theory and Computation*, **2021**, 17, 3974-3994	6.4	10
4	NMR Coupling Constants Based on the Bethe-Salpeter Equation in the Approximation.. *Journal of Chemical Theory and Computation*, **2022**,	6.4	5
3	Paramagnetic NMR Shielding Tensors and Ring Currents: Efficient Implementation and Application to Heavy Element Compounds. *Journal of Physical Chemistry A*, **2021**, 125, 9707-9723	2.8	5
2	Hyperfine Coupling Constants in Local Exact Two-Component Theory.. *Journal of Chemical Theory and Computation*, **2021**,	6.4	3

1	Preparation and luminescence properties of a M heterometallic coinage metal chalcogenide cluster. *Dalton Transactions*, **2020**, 49, 593-597	4.3	3