

Yannick J Franzke

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.

18
papers

538
citations

13
h-index

23
g-index

24
ext. papers

875
ext. citations

6.4
avg, IF

4.44
L-index

#	Paper	IF	Citations
18	NMR Coupling Constants Based on the Bethe-Salpeter Equation in the Approximation.. <i>Journal of Chemical Theory and Computation</i> , 2022 ,	6.4	5
17	Hyperfine Coupling Constants in Local Exact Two-Component Theory.. <i>Journal of Chemical Theory and Computation</i> , 2021 ,	6.4	3
16	Paramagnetic NMR Shielding Tensors and Ring Currents: Efficient Implementation and Application to Heavy Element Compounds. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 9707-9723	2.8	5
15	Assessing the Accuracy of Local Hybrid Density Functional Approximations for Molecular Response Properties. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 2928-2947	6.4	15
14	NMR Indirect Spin-Spin Coupling Constants in a Modern Quasi-Relativistic Density Functional Framework. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 3974-3994	6.4	10
13	Substantial π -Aromaticity in the anionic heavy-metal cluster [Th@Bi]. <i>Nature Chemistry</i> , 2021 , 13, 149-155	17.6	22
12	TURBOMOLE: Modular program suite for ab initio quantum-chemical and condensed-matter simulations. <i>Journal of Chemical Physics</i> , 2020 , 152, 184107	3.9	255
11	Quasirelativistic two-component core excitations and polarisabilities from a damped-response formulation of the Bethe-Salpeter equation. <i>Molecular Physics</i> , 2020 , 118, e1755064	1.7	17
10	Low-Valent Group 14 Phosphinidenide Complexes [(σ -Dipp)P] M Exhibit P-M π - π Interaction (M=Ge, Sn, Pb). <i>Chemistry - A European Journal</i> , 2020 , 26, 192-197	4.8	17
9	Preparation and luminescence properties of a M heterometallic coinage metal chalcogenide cluster. <i>Dalton Transactions</i> , 2020 , 49, 593-597	4.3	3
8	Segmented Contracted Error-Consistent Basis Sets of Quadruple-Valence Quality for One- and Two-Component Relativistic All-Electron Calculations. <i>Journal of Chemical Theory and Computation</i> , 2020 , 16, 5658-5674	6.4	13
7	Stabilizing a metalloid {Zn} unit within a polymetallide environment in [KZnBi]. <i>Nature Communications</i> , 2020 , 11, 5122	17.4	15
6	Error-consistent segmented contracted all-electron relativistic basis sets of double- and triple-zeta quality for NMR shielding constants. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 16658-16664	3.6	27
5	NMR Shielding Tensors and Chemical Shifts in Scalar-Relativistic Local Exact Two-Component Theory. <i>Journal of Chemical Theory and Computation</i> , 2019 , 15, 1028-1043	6.4	27
4	Efficient implementation of one- and two-component analytical energy gradients in exact two-component theory. <i>Journal of Chemical Physics</i> , 2018 , 148, 104110	3.9	36
3	The Identity of "Ternary" A/Tl/Pb or K/Tl/Bi Solid Mixtures and Binary Zintl Anions Isolated From Their Solutions. <i>Chemistry - A European Journal</i> , 2018 , 24, 12022-12030	4.8	19
2	Calculations of current densities and aromatic pathways in cyclic porphyrin and isoporphyrin arrays. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 12794-12803	3.6	14

- 1 {EPbSe}: a heavy CO homologue as an unexpected ligand. *Angewandte Chemie - International Edition*, **2015**, 54, 11283-8

16.4 27