

Georgi L Stoychev

List of Publications by Year in descending order

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7
papers

598
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Generation of Auxiliary Basis Sets. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 554-562.	5.3	384
2	Efficient and Accurate Prediction of Nuclear Magnetic Resonance Shielding Tensors with Double-Hybrid Density Functional Theory. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4756-4771.	5.3	75
3	Self-Consistent Field Calculation of Nuclear Magnetic Resonance Chemical Shielding Constants Using Gauge-Including Atomic Orbitals and Approximate Two-Electron Integrals. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 619-637.	5.3	70
4	DLPNO-MP2 second derivatives for the computation of polarizabilities and NMR shieldings. <i>Journal of Chemical Physics</i> , 2021, 154, 164110.	3.0	35
5	Computation of NMR Shielding Constants for Solids Using an Embedded Cluster Approach with DFT, Double-Hybrid DFT, and MP2. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 6950-6967.	5.3	21
6	A case study of density functional theory and domain-based local pair natural orbital coupled cluster for vibrational effects on EPR hyperfine coupling constants: vibrational perturbation theory versus <i>ab initio</i> molecular dynamics. <i>Molecular Physics</i> , 2020, 118, e1797916.	1.7	9
7	High Level Electronic Structure Calculation of Molecular Solid-State NMR Shielding Constants. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2408-2417.	5.3	4