

Jesper Norell

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,158
citations

1040056

9
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenMolcas: From Source Code to Insight. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5925-5964.	5.3	661
2	Modern quantum chemistry with [Open]Molcas. <i>Journal of Chemical Physics</i> , 2020, 152, 214117.	3.0	281
3	Disentangling Transient Charge Density and Metal-Ligand Covalency in Photoexcited Ferricyanide with Femtosecond Resonant Inelastic Soft X-ray Scattering. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3538-3543.	4.6	42
4	Ultrafast Independent N-H and N-C Bond Deformation Investigated with Resonant Inelastic X-Ray Scattering. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6088-6092.	13.8	36
5	Ultrafast nonadiabatic dynamics probed by nitrogen K-edge absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2667-2676.	2.8	34
6	Fingerprints of electronic, spin and structural dynamics from resonant inelastic soft X-ray scattering in transient photo-chemical species. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7243-7253.	2.8	25
7	The nature of frontier orbitals under systematic ligand exchange in (pseudo-)octahedral Fe(II) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27745-27751.	2.8	21
8	Emergent friction in two-dimensional Frenkel-Kontorova models. <i>Physical Review E</i> , 2016, 94, 023001.	2.1	14
9	T ₁ Population as the Driver of Excited-State Proton Transfer in 2-Thiopyridone. <i>Chemistry - A European Journal</i> , 2019, 25, 1733-1739.	3.3	14
10	Ab initio simulations of complementary K-edges and solvatization effects for detection of proton transfer in aqueous 2-thiopyridone. <i>Journal of Chemical Physics</i> , 2019, 151, 114117.	3.0	8
11	Photoelectron shake-ups as a probe of molecular symmetry: 4d XPS analysis of ³ in solution. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19916-19921.	2.8	7
12	Ultrafast dynamics of photo-excited 2-thiopyridone: Theoretical insights into triplet state population and proton transfer pathways. <i>Structural Dynamics</i> , 2020, 7, 024101.	2.3	5
13	Untersuchung unabhängiger N-H- und N-C-Bindungsverformungen auf ultrakurzen Zeitskalen mit resonanter inelastischer Röntgenstreuung. <i>Angewandte Chemie</i> , 2017, 129, 6184-6188.	2.0	3
14	Interdependent Electronic Structure, Protonation, and Solvatization of Aqueous 2-Thiopyridone. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5555-5567.	2.6	3
15	Innenrücktitelbild: Untersuchung unabhängiger N-H- und N-C-Bindungsverformungen auf ultrakurzen Zeitskalen mit resonanter inelastischer Röntgenstreuung (Angew. Chem. 22/2017). <i>Angewandte Chemie</i> , 2017, 129, 6441-6441.	2.0	0