

David H Woen

List of Publications by Citations

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16
papers

403
citations

13
h-index

16
g-index

16
ext. papers

471
ext. citations

7.3
avg, IF

3.52
L-index

#	Paper	IF	Citations
16	Solution Synthesis, Structure, and CO Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe ₃) ₂] ₂ }. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2050-2053	16.4	61
15	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np[CH(SiMe ₃) ₂]}. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7425-7428	16.4	56
14	Ligand Effects in the Synthesis of Ln ²⁺ Complexes by Reduction of Tris(cyclopentadienyl) Precursors Including C≡C Bond Activation of an Indenyl Anion. <i>Organometallics</i> , 2015 , 34, 3909-3921	3.8	36
13	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019 , 10, 3330	17.4	34
12	Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in [K(2.2.2-cryptand)][(C ₅ Me ₄ H) ₃ Ln] Complexes. <i>Organometallics</i> , 2018 , 37, 3863-3873	3.8	34
11	Evaluating the electronic structure of formal Ln ions in Ln(CHSiMe ₃) ₂ using XANES spectroscopy and DFT calculations. <i>Chemical Science</i> , 2017 , 8, 6076-6091	9.4	31
10	End-On Bridging Dinitrogen Complex of Scandium. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14861-14864	16.4	27
9	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , 2017 , 56, 15049-15056	5.1	23
8	Raman spectroscopy of the N-N bond in rare earth dinitrogen complexes. <i>Dalton Transactions</i> , 2016 , 45, 14634-44	4.3	18
7	Reactivity of Ln(II) Complexes Supported by (C ₅ H ₄ Me) ₁ Ligands with THF and PhSiH ₃ : Isolation of Ring-Opened, Bridging Alkoxyalkyl, Hydride, and Silyl Products. <i>Organometallics</i> , 2018 , 37, 3055-3063	3.8	18
6	Tris(pentamethylcyclopentadienyl) Complexes of Late Lanthanides Tb, Dy, Ho, and Er: Solution and Mechanochemical Syntheses and Structural Comparisons. <i>Organometallics</i> , 2017 , 36, 4558-4563	3.8	17
5	Solution Synthesis, Structure, and CO ₂ Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe ₃) ₂] ₂ }. <i>Angewandte Chemie</i> , 2017 , 129, 2082-2085	3.6	16
4	tert-Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , 2019 , 38, 1151-1158	3.8	14
3	Insight into the Electronic Structure of Formal Lanthanide(II) Complexes using Magnetic Circular Dichroism Spectroscopy. <i>Organometallics</i> , 2019 , 38, 3124-3131	3.8	9
2	A Solid-State Support for Separating Astatine-211 from Bismuth. <i>Inorganic Chemistry</i> , 2020 , 59, 6137-6146	5.1	5
1	Mechanochemical C≡C bond activation: Synthesis of the tuckover hydrides, (C ₅ Me ₅) ₂ Ln(η ⁵ -C ₅ H ₄ Me)(η ⁵ -B-CH ₂ C ₅ Me ₄)Ln(C ₅ Me ₅) from solvent-free reactions of (C ₅ Me ₅) ₂ Ln(η ⁵ -Ph) ₂ BPh ₂ with KC ₅ Me ₅ . <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120885	2.3	4