

# David H Woen

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

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