

# Cory J Windorff

## List of Publications by Citations

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34  
papers

579  
citations

13  
h-index

23  
g-index

35  
ext. papers

754  
ext. citations

8.6  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
34	Identification of the Formal +2 Oxidation State of Plutonium: Synthesis and Characterization of {Pu[CH(SiMe)]}. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3970-3973	16.4	87
33	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8667-8677	16.4	61
32	Expanding the Chemistry of Molecular U(2+) Complexes: Synthesis, Characterization, and Reactivity of the {[C5H3(SiMe3)2]3U}(-) Anion. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 772-82	4.8	58
31	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np[CH(SiMe)]}. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7425-7428	16.4	56
30	<sup>29</sup> Si NMR Spectra of Silicon-Containing Uranium Complexes. <i>Organometallics</i> , <b>2014</b> , 33, 3786-3791	3.8	39
29	Synthesis, Structure, and Reactivity of the Sterically Crowded Th Complex (CMe)Th Including Formation of the Thorium Carbonyl, [(CMe)Th(CO)][BPh]. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3387-3398	16.4	33
28	Trimethylsilyl versus Bis(trimethylsilyl) Substitution in Tris(cyclopentadienyl) Complexes of La, Ce, and Pr: Comparison of Structure, Magnetic Properties, and Reactivity. <i>Organometallics</i> , <b>2018</b> , 37, 900-905	3.8	32
27	Experimental and Theoretical Comparison of Transition-Metal and Actinide Tetravalent Schiff Base Coordination Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 15389-15398	5.1	27
26	Schiff-base coordination complexes with plutonium(IV) and cerium(IV). <i>Chemical Communications</i> , <b>2018</b> , 54, 8634-8636	5.8	25
25	Small-Scale Metal-Based Syntheses of Lanthanide Iodide, Amide, and Cyclopentadienyl Complexes as Analogues for Transuranic Reactions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11981-11989	5.1	17
24	Conversion of Americia to Anhydrous Trivalent Americium Halides. <i>Organometallics</i> , <b>2019</b> , 38, 606-609	3.8	17
23	tert-Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , <b>2019</b> , 38, 1151-1158	3.8	14
22	Probing a variation of the inverse-trans-influence in americium and lanthanide tribromide tris(tricyclohexylphosphine oxide) complexes. <i>Chemical Science</i> , <b>2020</b> , 11, 2770-2782	9.4	13
21	Compression of curium pyrrolidine-dithiocarbamate enhances covalency. <i>Nature</i> , <b>2020</b> , 583, 396-399	50.4	13
20	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , <b>2018</b> , 54, 10272-10275	5.8	12
19	Synthesis, Spectroscopy, and Theoretical Details of Uranyl Schiff-Base Coordination Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 23-31	5.1	11
18	Thorium Metallocene Cation Chemistry: Synthesis and Characterization of the Bent [(C5Me5)2Th(C6H5)(THF)][BPh4] and the Parallel Ring [(C5Me5)2Th(NCR)5][BPh4]2 (R = Me, Ph) Complexes. <i>Organometallics</i> , <b>2018</b> , 37, 454-458	3.8	9

17	Electronic, Magnetic, and Theoretical Characterization of (NH)UF <sub>5</sub> , a Simple Molecular Uranium(IV) Fluoride. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 637-647	5.1	9
16	Trimethylsilylcyclopentadienyl (Cp*) Uranium Chemistry: Synthetic and Structural Studies of Cp* <sub>2</sub> U and Cp* <sub>2</sub> UX (X = Cl, I, Me). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 2011-2018	1.3	8
15	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 13301-13314	5.1	7
14	Structure and Characterization of an Americium Bis(-diethyl)dithiophosphate Complex. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16291-16300	5.1	6
13	Structural and Spectroscopic Investigation of Two Plutonium Mellitates. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3085-3090	5.1	5
12	Pressure-Induced Spectroscopic Changes in a Californium 1D Material Are Twice as Large as Found in the Holmium Analog. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 10794-10801	5.1	5
11	Examination of Molten Salt Reactor Relevant Elements Using Hydrothermal Synthesis. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 4176-4180	5.1	4
10	Structural Relationships and Absorption Spectroscopy of [NH <sub>4</sub> ][UF <sub>5</sub> ] and [NH <sub>4</sub> ][Pu <sub>3</sub> F <sub>13</sub> ]. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 2998-3006	3.5	3
9	Pronounced Pressure Dependence of Electronic Transitions for Americium Compared to Isomorphous Neodymium and Samarium Mellitates. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 476-483	5.1	3
8	Exploring the Oxidation States of Neptunium with Schiff Base Coordination Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 18035-18047	5.1	3
7	Isolation and characterization of a californium metallocene. <i>Nature</i> , <b>2021</b> , 599, 421-424	50.4	1
6	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 74-91	1.6	1
5	Cyclopentadienyl coordination induces unexpected ionic Am-N bonding in an americium bipyridyl complex.. <i>Nature Communications</i> , <b>2022</b> , 13, 201	17.4	0
4	Computational Investigation of the Bonding in [(Cp*) <sub>3</sub> (Cp*)M] <sup>+</sup> (M = Pu, U, Ce). <i>Organometallics</i> , <b>2021</b> , 40, 1577-1587	3.8	0
3	Synthesis, characterization, and theoretical analysis of a plutonyl phosphine oxide complex. <i>Dalton Transactions</i> , <b>2021</b> , 50, 14537-14541	4.3	0
2	Crystallographic characterization of (CHSiMe) <sub>2</sub> U(BH). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 383-389	0.7	
1	AnTAlSi (An = Ce, Th, U, Np; T = Ni, Co): Actinide Intermetallics with Disordered GdFeSi Structure Type Grown from Metal Flux. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13062-13070	5.1	