Cory J Windorff

List of Publications by Year in Descending Order

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	Cyclopentadienyl coordination induces unexpected ionic Am-N bonding in an americium bipyridyl complex.. *Nature Communications*, **2022**, 13, 201	17.4	0
33	Isolation and characterization of a californium metallocene. *Nature*, **2021**, 599, 421-424	50.4	1
32	Pronounced Pressure Dependence of Electronic Transitions for Americium Compared to Isomorphous Neodymium and Samarium Mellitates. *Inorganic Chemistry*, **2021**, 60, 476-483	5.1	3
31	Crystallographic characterization of (CHSiMe)U(BH). *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 383-389	0.7	
30	Computational Investigation of the Bonding in [(5Cp?)3(1Cp?)M]1(M = Pu, U, Ce). *Organometallics*, **2021**, 40, 1577-1587	3.8	0
29	Structural variations in cyclopentadienyl uranium(III) iodide complexes. *Journal of Coordination Chemistry*, **2021**, 74, 74-91	1.6	1
28	AnTAlSi (An = Ce, Th, U, Np; T = Ni, Co): Actinide Intermetallics with Disordered GdFeSi Structure Type Grown from Metal Flux. *Inorganic Chemistry*, **2021**, 60, 13062-13070	5.1	
27	Synthesis, characterization, and theoretical analysis of a plutonyl phosphine oxide complex. *Dalton Transactions*, **2021**, 50, 14537-14541	4.3	0
26	Structural Relationships and Absorption Spectroscopy of [NH4][UF5] and [NH4][Pu3F13]. *Crystal Growth and Design*, **2020**, 20, 2998-3006	3.5	3
25	Examination of Molten Salt Reactor Relevant Elements Using Hydrothermal Synthesis. *Inorganic Chemistry*, **2020**, 59, 4176-4180	5.1	4
24	Probing a variation of the inverse-trans-influence in americium and lanthanide tribromide tris(tricyclohexylphosphine oxide) complexes. *Chemical Science*, **2020**, 11, 2770-2782	9.4	13
23	Structural and Spectroscopic Investigation of Two Plutonium Mellitates. *Inorganic Chemistry*, **2020**, 59, 3085-3090	5.1	5
22	Compression of curium pyrrolidine-dithiocarbamate enhances covalency. *Nature*, **2020**, 583, 396-399	50.4	13
21	Pressure-Induced Spectroscopic Changes in a Californium 1D Material Are Twice as Large as Found in the Holmium Analog. *Inorganic Chemistry*, **2020**, 59, 10794-10801	5.1	5
20	Exploring the Oxidation States of Neptunium with Schiff Base Coordination Complexes. *Inorganic Chemistry*, **2020**, 59, 18035-18047	5.1	3
19	Structure and Characterization of an Americium Bis(-diethyl)dithiophosphate Complex. *Inorganic Chemistry*, **2020**, 59, 16291-16300	5.1	6
18	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. *Inorganic Chemistry*, **2020**, 59, 13301-13314	5.1	7

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17	Synthesis, Spectroscopy, and Theoretical Details of Uranyl Schiff-Base Coordination Complexes. *Inorganic Chemistry*, **2020**, 59, 23-31	5.1	11
16	tert-Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. *Organometallics*, **2019**, 38, 1151-1158	3.8	14
15	Electronic, Magnetic, and Theoretical Characterization of (NH)UF, a Simple Molecular Uranium(IV) Fluoride. *Inorganic Chemistry*, **2019**, 58, 637-647	5.1	9
14	Conversion of Americia to Anhydrous Trivalent Americium Halides. *Organometallics*, **2019**, 38, 606-609	3.8	17
13	Trimethylsilyl versus Bis(trimethylsilyl) Substitution in Tris(cyclopentadienyl) Complexes of La, Ce, and Pr: Comparison of Structure, Magnetic Properties, and Reactivity. *Organometallics*, **2018**, 37, 900-905	3.8	32
12	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. *Organometallics*, **2018**, 37, 454-458	3.8	9
11	Schiff-base coordination complexes with plutonium(iv) and cerium(iv). *Chemical Communications*, **2018**, 54, 8634-8636	5.8	25
10	Synthesis of uranium-in-cryptand complexes. *Chemical Communications*, **2018**, 54, 10272-10275	5.8	12
9	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np[CH(SiMe)]}. *Journal of the American Chemical Society*, **2018**, 140, 7425-7428	16.4	56
8	Experimental and Theoretical Comparison of Transition-Metal and Actinide Tetravalent Schiff Base Coordination Complexes. *Inorganic Chemistry*, **2018**, 57, 15389-15398	5.1	27
7	Identification of the Formal +2 Oxidation State of Plutonium: Synthesis and Characterization of {Pu[CH(SiMe)]}. *Journal of the American Chemical Society*, **2017**, 139, 3970-3973	16.4	87
6	Synthesis, Structure, and Reactivity of the Sterically Crowded Th Complex (CMe)Th Including Formation of the Thorium Carbonyl, [(CMe)Th(CO)][BPh]. *Journal of the American Chemical Society*, **2017**, 139, 3387-3398	16.4	33
5	Covalency in Americium(III) Hexachloride. *Journal of the American Chemical Society*, **2017**, 139, 8667-8677	16.4	61
4	Trimethylsilylcyclopentadienyl (Cp?) Uranium Chemistry: Synthetic and Structural Studies of Cp?4U and Cp?3UX (X = Cl, I, Me). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2017**, 643, 2011-2018	1.3	8
3	Small-Scale Metal-Based Syntheses of Lanthanide Iodide, Amide, and Cyclopentadienyl Complexes as Analogues for Transuranic Reactions. *Inorganic Chemistry*, **2017**, 56, 11981-11989	5.1	17
2	Expanding the Chemistry of Molecular U(2+) Complexes: Synthesis, Characterization, and Reactivity of the {[C5 H3 (SiMe3)2]3 U}(-) Anion. *Chemistry - A European Journal*, **2016**, 22, 772-82	4.8	58
1	29Si NMR Spectra of Silicon-Containing Uranium Complexes. *Organometallics*, **2014**, 33, 3786-3791	3.8	39