Chad T Palumbo

List of Publications by Year in Descending Order

19 papers	409 citations	12 h-index	19 g-index
19 ext. papers	508 ext. citations	8.6 avg, IF	3.96 L-index

#	Paper	IF	Citations
19	Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. *Angewandte Chemie - International Edition*, **2021**, 60, 3737-3744	16.4	8
18	Single metal four-electron reduction by U(ii) and masked "U(ii)" compounds. *Chemical Science*, **2021**, 12, 6153-6158	9.4	6
17	Accessing the +IV Oxidation State in Molecular Complexes of Praseodymium. *Journal of the American Chemical Society*, **2020**, 142, 5538-5542	16.4	33
16	C-H Bond Activation by an Isolated Dinuclear U(III)/U(IV) Nitride. *Journal of the American Chemical Society*, **2020**, 142, 3149-3157	16.4	11
15	Synthesis and crystallographic characterization of di-phenyl-amide rare-earth metal complexes (NPh)(THF) and [(PhN) (NPh)]. *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1447-1453	0.7	
14	Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. *Angewandte Chemie*, **2020**, 132, 3577-3581	3.6	5
13	Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. *Angewandte Chemie - International Edition*, **2020**, 59, 3549-3553	16.4	29
12	Molecular Complex of Tb in the +4 Oxidation State. *Journal of the American Chemical Society*, **2019**, 141, 9827-9831	16.4	49
11	Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. *Chemical Science*, **2019**, 10, 8840-8849	9.4	16
10	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
9	Metal versus Ligand Reduction in Ln Complexes of a Mesitylene-Anchored Tris(Aryloxide) Ligand. *Inorganic Chemistry*, **2018**, 57, 2823-2833	5.1	31
8	Electrocatalytic HO Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. *Journal of the American Chemical Society*, **2018**, 140, 2587-2594	16.4	28
7	Structural characterization of the bent metallocenes, [C5H3(SiMe3)2]2Sm and [C5H3(CMe3)2]2Ln (Ln = Eu, Sm), and the mono(cyclopentadienyl) tetraphenylborate complex, [C5H3(CMe3)2]Eu(-1-Ph)2BPh2. *Journal of Organometallic Chemistry*, **2018**, 867, 142-148	2.3	5
6	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La2+Complex [{[C5H3(SiMe3)2]2La}2(-C6H6)]1 *Organometallics*, **2018**, 37, 3322-3331	3.8	12
5	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxide)mesitylene Ligand System. *Inorganic Chemistry*, **2018**, 57, 12876-12884	5.1	13
4	Reactivity of Complexes of 4fn5d1and 4fn+1Ln2+Ions with Cyclooctatetraene. *Organometallics*, **2017**, 36, 3721-3728	3.8	11
3	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxide)arene coordination environment. *Chemical Science*, **2017**, 8, 7424-7433	9.4	57

2	Ligand Effects in the Synthesis of Ln2+ Complexes by Reduction of Tris(cyclopentadienyl) Precursors Including C□H Bond Activation of an Indenyl Anion. *Organometallics*, **2015**, 34, 3909-3921	3.8	36
1	Isolation of +2 rare earth metal ions with three anionic carbocyclic rings: bimetallic bis(cyclopentadienyl) reduced arene complexes of La and Ce are four electron reductants. *Chemical Science*, **2015**, 6, 7267-7273	9.4	27