

Chad T Palumbo

List of Publications by Citations

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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.

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	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxy)arene coordination environment. <i>Chemical Science</i> , 2017 , 8, 7424-7433	9.4	57
18	Molecular Complex of Tb in the +4 Oxidation State. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9827-9831	16.4	49
17	Ligand Effects in the Synthesis of Ln ²⁺ Complexes by Reduction of Tris(cyclopentadienyl) Precursors Including C-H Bond Activation of an Indenyl Anion. <i>Organometallics</i> , 2015 , 34, 3909-3921	3.8	36
16	Accessing the +IV Oxidation State in Molecular Complexes of Praseodymium. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5538-5542	16.4	33
15	Trimethylsilyl versus Bis(trimethylsilyl) Substitution in Tris(cyclopentadienyl) Complexes of La, Ce, and Pr: Comparison of Structure, Magnetic Properties, and Reactivity. <i>Organometallics</i> , 2018 , 37, 900-905 ^{3.8}	3.8	32
14	Metal versus Ligand Reduction in Ln Complexes of a Mesitylene-Anchored Tris(Aryloxy) Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 2823-2833	5.1	31
13	Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3549-3553	16.4	29
12	Electrocatalytic HO ₂ Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2587-2594	16.4	28
11	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. <i>Chemical Science</i> , 2015 , 6, 7267-7273	9.4	27
10	Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019 , 10, 8840-8849	9.4	16
9	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxy)mesitylene Ligand System. <i>Inorganic Chemistry</i> , 2018 , 57, 12876-12884	5.1	13
8	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La ²⁺ Complex $[(C_5H_3(SiMe_3)_2)_2La]_2(\mu_2-B-C_6H_6)]$. <i>Organometallics</i> , 2018 , 37, 3322-3331	3.8	12
7	Reactivity of Complexes of 4f ⁿ 5d ¹ and 4f ⁿ⁺¹ Ln ²⁺ Ions with Cyclooctatetraene. <i>Organometallics</i> , 2017 , 36, 3721-3728	3.8	11
6	C-H Bond Activation by an Isolated Dinuclear U(III)/U(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3149-3157	16.4	11
5	Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3737-3744	16.4	8
4	Single metal four-electron reduction by U(II) and masked "U(II)" compounds. <i>Chemical Science</i> , 2021 , 12, 6153-6158	9.4	6
3	Structural characterization of the bent metallocenes, $[C_5H_3(SiMe_3)_2]_2Sm$ and $[C_5H_3(CMe_3)_2]_2Ln$ (Ln = Eu, Sm), and the mono(cyclopentadienyl) tetraphenylborate complex, $[C_5H_3(CMe_3)_2]Eu(\mu_2-Ph)_2BPh_2$. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 142-148	2.3	5

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| 2 | Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie</i> , 2020 , 132, 3577-3581 | 3.6 | 5 |
| 1 | Synthesis and crystallographic characterization of di-phenyl-amide rare-earth metal complexes (NPh)(THF) and [(PhN) (ENPh)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1447-1453 | 0.7 | |