

Chad T Palumbo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

632
citations

623699

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839512

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19
docs citations

19
times ranked

482
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Molecular Complex of Tb in the +4 Oxidation State. <i>Journal of the American Chemical Society</i> , 2019, 141, 9827-9831. | 13.7 | 82 |
| 2 | Comparisons of lanthanide/actinide +2 ions in a tris(aryloxy)arene coordination environment. <i>Chemical Science</i> , 2017, 8, 7424-7433. | 7.4 | 70 |
| 3 | Accessing the +IV Oxidation State in Molecular Complexes of Praseodymium. <i>Journal of the American Chemical Society</i> , 2020, 142, 5538-5542. | 13.7 | 70 |
| 4 | Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3549-3553. | 13.8 | 53 |
| 5 | Metal versus Ligand Reduction in Ln ³⁺ Complexes of a Mesitylene-Anchored Tris(Aryloxy) Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 2823-2833. | 4.0 | 41 |
| 6 | 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. | 2.3 | 40 |
| 7 | 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. | 2.3 | 39 |
| 8 | Isolation of +2 rare earth metal ions with three anionic carbocyclic rings: bimetallic bis(cyclopentadienyl) reduced arene complexes of La ²⁺ and Ce ²⁺ are four electron reductants. <i>Chemical Science</i> , 2015, 6, 7267-7273. | 7.4 | 38 |
| 9 | Electrocatalytic H ₂ O 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. | 13.7 | 35 |
| 10 | 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. | 13.7 | 31 |
| 11 | Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019, 10, 8840-8849. | 7.4 | 26 |
| 12 | Single metal four-electron reduction by U(ⁱⁱ) and masked U(ⁱⁱ)-compounds. <i>Chemical Science</i> , 2021, 12, 6153-6158. | 7.4 | 26 |
| 13 | Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3737-3744. | 13.8 | 21 |
| 14 | Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La ²⁺ Complex [[C ₅ H ₃ (SiMe ₃) ₂] ₂ La] ₂ (1/4-1/6) ^{2,3} :17 ⁶ /sup>6</sup> | 2.3 | 17 |
| 15 | Reactivity of Complexes of 4f ⁿ and 4f ⁿ⁺¹ Ln ²⁺ Ions with Cyclooctatetraene. <i>Organometallics</i> , 2017, 36, 3721-3728. | 2.3 | 15 |
| 16 | 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. | 4.0 | 15 |
| 17 | Structural characterization of the bent metallocenes, [C ₅ H ₃ (SiMe ₃) ₂] ₂ Sm and [C ₅ H ₃ (CMe ₃) ₂] ₂ Ln (Ln = Tj, ET, Qq, 1, 1.0.784314 rgB) <i>Journal of Organometallic Chemistry</i> , 2018, 867, 142-148. | 1.8 | 8 |
| 18 | Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie</i> , 2020, 132, 3577-3581. | 2.0 | 5 |

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|----|--|-----|-----------|
| 19 | Synthesis and crystallographic characterization of diphenylamide rare-earth metal complexes $\text{Ln}(\text{NPh})_3(\text{THF})_2$ and $[\text{Ph}_2\text{N}]_2\text{Ln}(\text{1/4-NPh})_2$. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1447-1453. | 0.5 | 0 |