

Henry S La Pierre

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and electrochemical characterization of a Pr ⁴⁺ imidophosphorane complex and the redox chemistry of Nd ³⁺ and Dy ³⁺ complexes. Dalton Transactions, 2022, 51, 6696-6706.	3.3	11
2	In-Plane Cation Ordering and Sodium Displacements in Layered Honeycomb Oxides with Tetravalent Lanthanides: Na ₂ LnO ₃ (Ln = Ce, Pr, and Tb). Inorganic Chemistry, 2021, 60, 1398-1410.	4.0	9
3	Collective excitations in the tetravalent lanthanide honeycomb antiferromagnet Na ₂ PrO ₃ . Physical Review B, 2021, 103, .	3.2	14
4	High-Frequency and -Field Electron Paramagnetic Resonance Spectroscopic Analysis of Metal-Ligand Covalency in a 4f ⁷ Valence Series (Eu ²⁺ , Gd ³⁺ , and Tm ³⁺). Journal of the American Chemical Society, 2021, 143, 13184-13194.	13.7	5
5	Photoluminescence of Pentavalent Uranyl Amide Complexes. Journal of the American Chemical Society, 2021, 143, 13184-13194.	13.7	5
6	Chalcogen-atom abstraction reactions of a Di-iron imidophosphorane complex. Chemical Communications, 2021, 57, 6664-6667.	4.1	8
7	Californium's carbon bond captured in a complex. Nature, 2021, 599, 379-380.	27.8	1
8	Homoleptic cerium tris(dialkylamido)imidophosphorane guanidinate complexes. Dalton Transactions, 2020, 49, 14908-14913.	3.3	2
9	Synthesis of a d ₂ kagome lattice antiferromagnet, (CH ₃ NH ₃) ₂ NaV ₃ F ₁₂ . Chemical Science, 2020, 11, 11811-11817.	7.4	2
10	The chemical and physical properties of tetravalent lanthanides: Pr, Nd, Tb, and Dy. Dalton Transactions, 2020, 49, 15945-15987.	3.3	53
11	Coinage metal tris(dialkylamido)imidophosphorane complexes as transmetallation reagents for cerium complexes. Dalton Transactions, 2020, 49, 5420-5423.	3.3	7
12	Two-Electron Oxidative Atom Transfer at a Homoleptic, Tetravalent Uranium Complex. Journal of the American Chemical Society, 2020, 142, 7368-7373.	13.7	24
13	Synthesis of a d ₁ -titanium fluoride kagome lattice antiferromagnet. Nature Chemistry, 2020, 12, 691-696.	13.6	21
14	Snapshots of Life's Early Career Materials Scientists Managing in the Midst of a Pandemic. Chemistry of Materials, 2020, 32, 3673-3677.	6.7	5
15	Comparison of tetravalent cerium and terbium ions in a conserved, homoleptic imidophosphorane ligand field. Chemical Science, 2020, 11, 6149-6159.	7.4	33
16	Synthesis and Magneto-Structural Characterization of Yb ₃ (OH) ₇ SO ₄ ·H ₂ O: a Frustrated Quantum Magnet with Tunable Stacking Disorder. Inorganic Chemistry, 2019, 58, 10417-10423.	4.0	4
17	Design, Isolation, and Spectroscopic Analysis of a Tetravalent Terbium Complex. Journal of the American Chemical Society, 2019, 141, 13222-13233.	13.7	80
18	Frustrated Magnetism in a 2-D Ytterbium Fluoride. Inorganic Chemistry, 2019, 58, 12152-12156.	4.0	7

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19	Diethyl ether adducts of trivalent lanthanide iodides. Dalton Transactions, 2019, 48, 8030-8033.	3.3	16
20	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. Inorganic Chemistry, 2019, 58, 5289-5304.	4.0	40
21	Synthesis of homoleptic, divalent lanthanide (Sm, Eu) complexes <i>via</i> oxidative transmetallation. Dalton Transactions, 2019, 48, 16869-16872.	3.3	9
22	Energy-Degeneracy-Driven Covalency in Actinide Bonding. Journal of the American Chemical Society, 2018, 140, 17977-17984.	13.7	108
23	Network Dimensionality of Selected Uranyl(VI) Coordination Polymers and Octopus-like Uranium(IV) Clusters. Crystal Growth and Design, 2017, 17, 5568-5582.	3.0	16
24	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxi)arene coordination environment. Chemical Science, 2017, 8, 7424-7433.	7.4	70
25	Monomers, Dimers, and Helices: Complexities of Cerium and Plutonium Phenanthrolinecarboxylates. Inorganic Chemistry, 2016, 55, 4373-4380.	4.0	17
26	Examining the Effects of Ligand Variation on the Electronic Structure of Uranium Bis(imido) Species. Journal of the American Chemical Society, 2016, 138, 13941-13951.	13.7	49
27	Charge control of the inverse trans-influence. Chemical Communications, 2015, 51, 16671-16674.	4.1	29
28	Synthesis and Characterization of a Uranium(II) Monoarene Complex Supported by π -Backbonding. Angewandte Chemie - International Edition, 2014, 53, 7158-7162.	13.8	172
29	Coordination and Redox Isomerization in the Reduction of a Uranium(III) Monoarene Complex. Angewandte Chemie - International Edition, 2014, 53, 7154-7157.	13.8	76
30	Well-defined molecular uranium(III) chloride complexes. Chemical Communications, 2014, 50, 3962-3964.	4.1	26
31	Uranium(IV) Halide (F^{+} , Cl^{+} , Br^{+} , and I^{+}) Monoarene Complexes. Inorganic Chemistry, 2014, 53, 8418-8424.	4.0	51
32	Vanadium Bisimide Bonding Investigated by X-ray Crystallography, ^{51}V and ^{13}C Nuclear Magnetic Resonance Spectroscopy, and $V L_{3,2}$ -Edge X-ray Absorption Near-Edge Structure Spectroscopy. Inorganic Chemistry, 2013, 52, 11650-11660.	4.0	9
33	Uranium "Ligand Multiple Bonding in Uranyl Analogues, $[La-U-L]^{+}$, and the Inverse Trans Influence. Inorganic Chemistry, 2013, 52, 529-539.	4.0	84
34	Carbon Monoxide, Isocyanide, and Nitrile Complexes of Cationic, d^{0} Vanadium Bisimides: π -Back Bonding Derived from the π Symmetry, Bonding Metal Bisimido Ligand Orbitals. Inorganic Chemistry, 2012, 51, 13334-13344.	4.0	35
35	Oxidation State Delineation via $U L_{III}$ -Edge XANES in a Series of Isostructural Uranium Coordination Complexes. Inorganic Chemistry, 2012, 51, 7940-7944.	4.0	48
36	Synthesis of Uranium(VI) Terminal Oxo Complexes: Molecular Geometry Driven by the Inverse Trans-Influence. Journal of the American Chemical Society, 2012, 134, 5284-5289.	13.7	84

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37	Synthesis of Antimicrobial Natural Products Targeting FtsZ: (±)-Dichamanetin and (±)-2-Hydroxy-5-benzylisouvarinol-B. <i>Organic Letters</i> , 2005, 7, 5609-5612.	4.6	83