Henry S La Pierre

List of Publications by Year
in descending order

37	1,320	394421	345221
papers	citations	19 h-index	36 g-index

37	37	37	1242
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Characterization of a Uranium(II) Monoarene Complex Supported by Î´â€...Backbonding. Angewandte Chemie - International Edition, 2014, 53, 7158-7162.	13.8	172
2	Energy-Degeneracy-Driven Covalency in Actinide Bonding. Journal of the American Chemical Society, 2018, 140, 17977-17984.	13.7	108
3	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
4	Uraniumâ€“Ligand Multiple Bonding in Uranyl Analogues, [Lâ•Uâ•Ł]ⁿ⁺, and the Inverse Trans Influence. Inorganic Chemistry, 2013, 52, 529-539.	4.0	84
5	Synthesis of Antimicrobial Natural Products Targeting FtsZ:â€‰ (Â±)-Dichamanetin and (Â±)-2â€˜â€‰â€˜-Hydroxy-5â€˜â€‰â€˜-benzylisouvarinol-B. Organic Letters, 2005, 7, 5609-5612.	4.6	83
6	Design, Isolation, and Spectroscopic Analysis of a Tetravalent Terbium Complex. Journal of the American Chemical Society, 2019, 141, 13222-13233.	13.7	80
7	Coordination and Redox Isomerization in the Reduction of a Uranium(III) Monoarene Complex. Angewandte Chemie - International Edition, 2014, 53, 7154-7157.	13.8	76
8	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxide)arene coordination environment. Chemical Science, 2017, 8, 7424-7433.	7.4	70
9	The chemical and physical properties of tetravalent lanthanides: Pr, Nd, Tb, and Dy. Dalton Transactions, 2020, 49, 15945-15987.	3.3	53
10	Uranium(IV) Halide (F^{â^’}, Cl^{â^’}, Br^{â^’}, and I^{â^’}) Monoarene Complexes. Inorganic Chemistry, 2014, 53, 8418-8424.	4.0	51
11	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
12	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
13	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. Inorganic Chemistry, 2019, 58, 5289-5304.	4.0	40
14	Carbon Monoxide, Isocyanide, and Nitrile Complexes of Cationic, d⁰ Vanadium Bisimides: Ï€-Back Bonding Derived from the Ï€ Symmetry, Bonding Metal Bisimido Ligand Orbitals. Inorganic Chemistry, 2012, 51, 13334-13344.	4.0	35
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	Charge control of the inverse trans-influence. Chemical Communications, 2015, 51, 16671-16674.	4.1	29
17	Well-defined molecular uranium(<scp>iii</scp>) chloride complexes. Chemical Communications, 2014, 50, 3962-3964.	4.1	26
18	Two-Electron Oxidative Atom Transfer at a Homoleptic, Tetravalent Uranium Complex. Journal of the American Chemical Society, 2020, 142, 7368-7373.	13.7	24

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19	Synthesis of a d1-titanium fluoride kagome lattice antiferromagnet. Nature Chemistry, 2020, 12, 691-696.	13.6	21
20	Monomers, Dimers, and Helices: Complexities of Cerium and Plutonium Phenanthrolinecarboxylates. Inorganic Chemistry, 2016, 55, 4373-4380.	4.0	17
21	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
22	Diethyl ether adducts of trivalent lanthanide iodides. Dalton Transactions, 2019, 48, 8030-8033.	3.3	16
23	Collective excitations in the tetravalent lanthanide honeycomb antiferromagnet Na2PrO3. Physical Review B, 2021, 103, .	3.2	14
24	High-Frequency and -Field Electron Paramagnetic Resonance Spectroscopic Analysis of Metalâ€“Ligand Covalency in a 4f⁷ Valence Series (Eu²⁺, Gd³⁺, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 T	4.0	12
25	Spectroscopic and electrochemical characterization of a Pr⁴⁺ imidophosphorane complex and the redox chemistry of Nd³⁺ and Dy³⁺ complexes. Dalton Transactions, 2022, 51, 6696-6706.	3.3	11
26	Vanadium Bisimide Bonding Investigated by X-ray Crystallography, ⁵¹V and ¹³C 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
27	Synthesis of homoleptic, divalent lanthanide (Sm, Eu) complexes via oxidative transmetallation. Dalton Transactions, 2019, 48, 16869-16872.	3.3	9
28	In-Plane Cation Ordering and Sodium Displacements in Layered Honeycomb Oxides with Tetravalent Lanthanides: Na₂LnO₃ (Ln = Ce, Pr, and Tb). Inorganic Chemistry, 2021, 60, 1398-1410.	4.0	9
29	Chalcogen-atom abstraction reactions of a Di-iron imidophosphorane complex. Chemical Communications, 2021, 57, 6664-6667.	4.1	8
30	Frustrated Magnetism in a 2-D Ytterbium Fluoride. Inorganic Chemistry, 2019, 58, 12152-12156.	4.0	7
31	Coinage metal tris(dialkylamido)imidophosphorane complexes as transmetallation reagents for cerium complexes. Dalton Transactions, 2020, 49, 5420-5423.	3.3	7
32	Snapshots of Lifeâ€"Early Career Materials Scientists Managing in the Midst of a Pandemic. Chemistry of Materials, 2020, 32, 3673-3677.	6.7	5
33	Photoluminescence of Pentavalent Uranyl Amide Complexes. Journal of the American Chemical Society, 2021, 143, 13184-13194.	13.7	5
34	Synthesis and Magneto-Structural Characterization of Yb₃(OH)₇SO₄Â·H₂O: a Frustrated Quantum Magnet with Tunable Stacking Disorder. Inorganic Chemistry, 2019, 58, 10417-10423.	4.0	4
35	Homoleptic cerium tris(dialkylamido)imidophosphorane guanidinate complexes. Dalton Transactions, 2020, 49, 14908-14913.	3.3	2
36	Synthesis of a d2 kagome lattice antiferromagnet, (CH3NH3)2NaV3F12. Chemical Science, 2020, 11, 11811-11817.	7.4	2

#	Article	IF	Citations
37	Californiumâ€”carbon bond captured in a complex. Nature, 2021, 599, 379-380.	27.8	1