

Andrew J Lewis

List of Publications by Year in descending order

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papers

885
citations

471509

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17
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing redox activity for the formation of uranium tris(imido) compounds. <i>Nature Chemistry</i> , 2014, 6, 919-926.	13.6	145
2	Homoleptic Cerium(III) and Cerium(IV) Nitroxide Complexes: Significant Stabilization of the 4+ Oxidation State. <i>Inorganic Chemistry</i> , 2013, 52, 11600-11607.	4.0	75
3	DFT Study of the Active Site of the XoxF α -Type Natural, Cerium-Dependent Methanol Dehydrogenase Enzyme. <i>Chemistry - A European Journal</i> , 2015, 21, 1743-1748.	3.3	64
4	Stable Uranium(VI) Methyl and Acetylide Complexes and the Elucidation of an Inverse Trans Influence Ligand Series. <i>Journal of the American Chemical Society</i> , 2013, 135, 13185-13192.	13.7	63
5	Investigation of the Electronic Ground States for a Reduced Pyridine(diimine) Uranium Series: Evidence for a Ligand Tetraanion Stabilized by a Uranium Dimer. <i>Journal of the American Chemical Society</i> , 2015, 137, 4690-4700.	13.7	62
6	Anomalous One-Electron Processes in the Chemistry of Uranium Nitrogen Multiple Bonds. <i>Inorganic Chemistry</i> , 2014, 53, 9129-9139.	4.0	57
7	Reductive Cleavage of Nitrite to Form Terminal Uranium Mono-Oxo Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 511-518.	13.7	48
8	Tetrakis(bis(trimethylsilyl)amido)uranium(IV): Synthesis and Reactivity. <i>Inorganic Chemistry</i> , 2013, 52, 7326-7328.	4.0	48
9	The Inverse Trans Influence in a Family of Pentavalent Uranium Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 6944-6953.	4.0	48
10	Pentavalent uranium trans-dihalides and -pseudohalides. <i>Chemical Communications</i> , 2012, 48, 4977.	4.1	43
11	Single Crystal to Single Crystal Transformation and Hydrogen-Atom Transfer upon Oxidation of a Cerium Coordination Compound. <i>Inorganic Chemistry</i> , 2013, 52, 4142-4144.	4.0	40
12	Fluorinated diarylamide complexes of uranium(III), (IV) incorporating ancillary fluorine-to-uranium dative interactions. <i>Chemical Science</i> , 2013, 4, 798-805.	7.4	39
13	Synthesis, Bonding, and Reactivity of a Cerium(IV) Fluoride Complex. <i>Inorganic Chemistry</i> , 2014, 53, 27-29.	4.0	39
14	A Ligand Field Series for the 4f-Block from Experimental and DFT Computed Ce(IV/III) Electrochemical Potentials. <i>Inorganic Chemistry</i> , 2015, 54, 2830-2837.	4.0	39
15	Electrophilic Ln(III) Cations Protected by σ^* Ln Interactions and Their Coordination Chemistry with Weak σ - and π -Donors. <i>Inorganic Chemistry</i> , 2013, 52, 8234-8243.	4.0	34
16	Uranium Pyrrolylamine Complexes Featuring a Trigonal Binding Pocket and Interligand Noncovalent Interactions. <i>Inorganic Chemistry</i> , 2012, 51, 37-39.	4.0	22
17	Uranyl-oxo coordination directed by non-covalent interactions. <i>Dalton Transactions</i> , 2014, 43, 10844-10851.	3.3	19