

Daniel N Huh

List of Publications by Citations

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23
papers

225
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23
ext. papers

312
ext. citations

6.4
avg, IF

3.54
L-index

#	Paper	IF	Citations
23	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019 , 10, 3330	17.4	34
22	Chelate-Free Synthesis of the U(II) Complex, [(CH(SiMe))U], Using Li and Cs Reductants and Comparative Studies of La(II) and Ce(II) Analogs. <i>Inorganic Chemistry</i> , 2018 , 57, 11809-11814	5.1	28
21	Isolation of a Square-Planar Th(III) Complex: Synthesis and Structure of [Th(OCHBu-2,6-Me-4)]. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12458-12463	16.4	23
20	Synthesis of rare-earth-metal-in-cryptand dications, [Ln(2.2.2-cryptand)], from Sm, Eu, and Yb silyl metallocenes (CHSiMe)Ln(THF). <i>Chemical Communications</i> , 2017 , 53, 8664-8666	5.8	21
19	Reactivity of Ln(II) Complexes Supported by (C ₅ H ₄ Me) ₁ Ligands with THF and PhSiH ₃ : Isolation of Ring-Opened, Bridging Alkoxyalkyl, Hydride, and Silyl Products. <i>Organometallics</i> , 2018 , 37, 3055-3063	3.8	18
18	Isolation of reactive Ln(ii) complexes with CHMe ligands (Cp) using inverse sandwich counteranions: synthesis and structure of [(18-crown-6)K(ĒCp)K(18-crown-6)][CpLn] (Ln = Tb, Ho). <i>Dalton Transactions</i> , 2018 , 47, 17285-17290	4.3	16
17	Utility of Lithium in Rare-Earth Metal Reduction Reactions to Form Nontraditional Ln Complexes and Unusual [Li(2.2.2-cryptand)] Cations. <i>Inorganic Chemistry</i> , 2018 , 57, 2096-2102	5.1	15
16	Organometallic rhenium(III) chalcogenide clusters: coordination of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2015 , 51, 10536-8	5.8	15
15	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , 2018 , 54, 10272-10275	5.8	12
14	Facile Encapsulation of Ln(II) Ions into Cryptate Complexes from LnI(THF) Precursors (Ln = Sm, Eu, Yb). <i>Inorganic Chemistry</i> , 2019 , 58, 9613-9617	5.1	11
13	Synthesis of Ln -in-Cryptand Complexes by Chemical Reduction of Ln -in-Cryptand Precursors: Isolation of a Nd -in-Cryptand Complex. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16141-16146	16.4	9
12	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 13301-13314	5.1	7
11	Metal-amidato complexes: Synthesis, characterization, and reactivity of a diamidato-bis(phosphine) nickel(II) complex. <i>Inorganica Chimica Acta</i> , 2014 , 423, 290-297	2.7	3
10	Multicomponent syntheses of 5- and 6-membered aromatic heterocycles using group 4-8 transition metal catalysts. <i>Chemical Science</i> , 2021 , 12, 9574-9590	9.4	3
9	Metal nitrosyl chemistry: Interesting oxidation and nitrosylation of a metal-bound ligand framework in a diamido-bis(phosphine) ruthenium(II) complex. <i>Inorganica Chimica Acta</i> , 2016 , 450, 236-247	2.7	2
8	2.2.2-Cryptand as a bidentate ligand in rare-earth metal chemistry. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4445-4451	6.8	2
7	High-Resolution X-ray Photoelectron Spectroscopy of Organometallic (CHSiMe)Ln and [(CHSiMe)Ln] Complexes (Ln = Sm, Eu, Gd, Tb). <i>Journal of the American Chemical Society</i> , 2021 , 143, 16610-16620	16.4	2

6	Synthesis of LnII-in-Cryptand Complexes by Chemical Reduction of LnIII-in-Cryptand Precursors: Isolation of a NdII-in-Cryptand Complex. <i>Angewandte Chemie</i> , 2020 , 132, 16275-16280	3.6	1
5	Stabilization of U(III) to Oxidation and Hydrolysis by Encapsulation Using 2.2.2-Cryptand. <i>Inorganic Chemistry</i> , 2020 , 59, 17077-17083	5.1	1
4	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 74-91	1.6	1
3	Electronic Structure Analysis and Reactivity of the Bimetallic Bis-Titanocene Vinylcarboxylate Complex, [(CpTi)(OCTMS)]. <i>Polyhedron</i> , 2021 , 207,	2.7	1
2	Crystal structure of the [(THF)Cs(III)Cp ₂ Yb] oligomer. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1131-1135	0.7	0
1	Synthesis of Ba(II) analogs of Ln(II)-in-(2.2.2-cryptand) and layered hexagonal net Ln(II) complexes, [(THF)Cs(II)B:BT5H4SiMe3)3LnII]n. <i>Polyhedron</i> , 2021 , 210, 115493	2.7	0