

Sarah Hickam

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure and Reactivity of X-ray Amorphous Uranyl Peroxide, U_2O_7 . Inorganic Chemistry, 2016, 55, 3541-3546.	1.9	50
2	Solution ^{31}P NMR Study of the Acid-Catalyzed Formation of a Highly Charged $\{U_{24}P_{12}\}$ Nanocluster, $[(UO_2)_{24}(O_2)_{24}(PO_4)_2(P_2O_7)_2]^{54-}$ and Its Structural Characterization in the Solid State Using Single-Crystal Neutron Diffraction. Journal of the American Chemical Society, 2016, 138, 8547-8553.	1.9	35
3	Computationally-Guided Assignment of Unexpected Signals in the Raman Spectra of Uranyl Triperoxide Complexes. Inorganic Chemistry, 2017, 56, 1574-1580.	1.9	29
4	Complexity of Uranyl Peroxide Cluster Speciation from Alkali-Directed Oxidative Dissolution of Uranium Dioxide. Inorganic Chemistry, 2018, 57, 9296-9305.	1.9	27
5	Uranyl Peroxide Cage Cluster Solubility in Water and the Role of the Electrical Double Layer. Inorganic Chemistry, 2017, 56, 1333-1339.	1.9	22
6	Hierarchy of Pyrophosphate-Functionalized Uranyl Peroxide Nanocluster Synthesis. Inorganic Chemistry, 2017, 56, 5478-5487.	1.9	22
7	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and 1H and 7Li Dynamics of the Uranyl Peroxide Nanocluster U_{60} . Inorganic Chemistry, 2017, 56, 9676-9683.	1.0	20
8	Oxo Clusters of 5f Elements. Structure and Bonding, 2016, , 121-153.	1.9	19
9	Charge Density Influence on Enthalpy of Formation of Uranyl Peroxide Cage Cluster Salts. Inorganic Chemistry, 2018, 57, 11456-11462.	1.7	17
10	Uranyl Peroxide Capsule Self-Assembly in Slow Motion. Chemistry - A European Journal, 2019, 25, 6087-6091.	6.6	13
11	Supramolecular Assembly of Geometrically Unstable Hybrid Organic-Inorganic Uranyl Peroxide Cage Clusters and Their Transformations. Journal of the American Chemical Society, 2019, 141, 12780-12788.	1.9	10
12	Effects of H_2O_2 Concentration on Formation of Uranyl Peroxide Species Probed by Dissolution of Uranium Nitride and Uranium Dioxide. Inorganic Chemistry, 2019, 58, 5858-5864.	1.9	10
13	Energetic Trends in Monomer Building Blocks for Uranyl Peroxide Clusters. Inorganic Chemistry, 2019, 58, 439-445.	1.9	7
14	Dynamics of Cation-Induced Conformational Changes in Nanometer-Sized Uranyl Peroxide Clusters. Inorganic Chemistry, 2020, 59, 2495-2502.	1.9	6
15	Neptunyl Peroxide Chemistry: Synthesis and Spectroscopic Characterization of a Neptunyl Triperoxide Compound, $Ca_2[NpO_2(O_2)_3] \cdot 9H_2O$. Inorganic Chemistry, 2019, 58, 12264-12271.	1.9	3
16	Mixed-Valent Cyanoplatinates Featuring Neptunyl Cation-Cation Interactions. Inorganic Chemistry, 2018, 57, 9504-9514.		