

# Sarah Hickam

## List of Publications by Year in descending order

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16  
papers

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citations

840585

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940416

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Dynamics of Cation-Induced Conformational Changes in Nanometer-Sized Uranyl Peroxide Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 2495-2502.	1.9	7
2	Supramolecular Assembly of Geometrically Unstable Hybrid Organic-Inorganic Uranyl Peroxide Cage Clusters and Their Transformations. <i>Journal of the American Chemical Society</i> , 2019, 141, 12780-12788.	6.6	13
3	Neptunyl Peroxide Chemistry: Synthesis and Spectroscopic Characterization of a Neptunyl Triperoxide Compound, $\text{Ca}_2[\text{NpO}_2(\text{O})_3] \cdot 9\text{H}_2\text{O}$ . <i>Inorganic Chemistry</i> , 2019, 58, 12264-12271.	1.9	6
4	Uranyl Peroxide Capsule Self-Assembly in Slow Motion. <i>Chemistry - A European Journal</i> , 2019, 25, 6087-6091.	1.7	17
5	Effects of $\text{H}_2\text{O}$ Concentration on Formation of Uranyl Peroxide Species Probed by Dissolution of Uranium Nitride and Uranium Dioxide. <i>Inorganic Chemistry</i> , 2019, 58, 5858-5864.	1.9	10
6	Energetic Trends in Monomer Building Blocks for Uranyl Peroxide Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 439-445.	1.9	10
7	Charge Density Influence on Enthalpy of Formation of Uranyl Peroxide Cage Cluster Salts. <i>Inorganic Chemistry</i> , 2018, 57, 11456-11462.	1.9	19
8	Complexity of Uranyl Peroxide Cluster Speciation from Alkali-Directed Oxidative Dissolution of Uranium Dioxide. <i>Inorganic Chemistry</i> , 2018, 57, 9296-9305.	1.9	29
9	Mixed-Valent Cyanoplatinates Featuring Neptunyl Cation Interactions. <i>Inorganic Chemistry</i> , 2018, 57, 9504-9514.	1.9	3
10	Computationally-Guided Assignment of Unexpected Signals in the Raman Spectra of Uranyl Triperoxide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 1574-1580.	1.9	35
11	Uranyl Peroxide Cage Cluster Solubility in Water and the Role of the Electrical Double Layer. <i>Inorganic Chemistry</i> , 2017, 56, 1333-1339.	1.9	27
12	Hierarchy of Pyrophosphate-Functionalized Uranyl Peroxide Nanocluster Synthesis. <i>Inorganic Chemistry</i> , 2017, 56, 5478-5487.	1.9	22
13	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and $^1\text{H}$ and $^7\text{Li}$ Dynamics of the Uranyl Peroxide Nanocluster $\text{U}_{60}$ . <i>Inorganic Chemistry</i> , 2017, 56, 9676-9683.	1.9	22
14	Oxo Clusters of 5f Elements. <i>Structure and Bonding</i> , 2016, , 121-153.	1.0	20
15	Solution $^{31}\text{P}$ NMR Study of the Acid-Catalyzed Formation of a Highly Charged $\{\text{U}_{24}\text{P}_{12}\}$ Nanocluster, $[(\text{UO}_2)_{24}(\text{O})_{24}(\text{P}_2\text{O}_7)_{12}]^{48-}$ and Its Structural Characterization in the Solid State Using Single-Crystal Neutron Diffraction. <i>Journal of the American Chemical Society</i> , 2016, 138, 8547-8553.	1.9	48
16	Structure and Reactivity of X-ray Amorphous Uranyl Peroxide, $\text{U}_2\text{O}_7$ . <i>Inorganic Chemistry</i> , 2016, 55, 3541-3546.	1.9	50