

Kristi L Pellegrini

List of Publications by Year in descending order

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1040056

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docs citations

14
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Transuranic Hybrid Materials: Crystallographic and Computational Metrics of Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 10843-10855.	13.7	58
2	Solution ³¹ P NMR Study of the Acid-Catalyzed Formation of a Highly Charged {U ₂₄ Pp ₁₂ } Nanocluster, [(UO ₂) ₂₄ (O ₂) ₂₄ (P ₂ O ₇) ₁₂] ⁵⁴⁻ 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.	13.7	58
3	Dynamics of a Nanometer-Sized Uranyl Cluster in Solution. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7464-7467.	13.8	30
4	Uranyl Peroxide Cage Cluster Solubility in Water and the Role of the Electrical Double Layer. <i>Inorganic Chemistry</i> , 2017, 56, 1333-1339.	4.0	27
5	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and ¹ H and ⁷ Li Dynamics of the Uranyl Peroxide Nanocluster U ₆₀ . <i>Inorganic Chemistry</i> , 2017, 56, 9676-9683.	4.0	22
6	State of practice and emerging application of analytical techniques of nuclear forensic analysis: highlights from the 4th Collaborative Materials Exercise of the Nuclear Forensics International Technical Working Group (ITWG). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1441-1452.	1.5	20
7	Crystallographic and Spectroscopic Characterization of Americium Complexes Containing the Bis[(phosphino)methyl]pyridine-1-oxide (NOPOPO) Ligand Platform. <i>Inorganic Chemistry</i> , 2018, 57, 2278-2287.	4.0	17
8	Distribution of metallic fission-product particles in the cladding liner of spent nuclear fuel. <i>Npj Materials Degradation</i> , 2020, 4, .	5.8	11
9	A new Pu(III) coordination geometry in (C ₅ H ₅ NBr) ₂ [PuCl ₃ (H ₂ O) ₅]·2Cl·2H ₂ O as obtained via supramolecular assembly in aqueous, high chloride media. <i>Chemical Communications</i> , 2017, 53, 10816-10819.	4.1	10
10	Chemical and Isotopic Characterization of Noble Metal Phase from Commercial UO ₂ Fuel. <i>Analytical Chemistry</i> , 2019, 91, 6522-6529.	6.5	9
11	Plutonium chlorido nitrate complexes: ligand competition and computational metrics for assembly and bonding. <i>Chemical Communications</i> , 2018, 54, 12014-12017.	4.1	7
12	Changing the rules of the game: used fuel studies outside of a remote handling facility. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1267-1272.	1.5	2