

# Kristi L Pellegrini

## List of Publications by Year in descending order

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12  
papers

252  
citations

1040056

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h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of metallic fission-product particles in the cladding liner of spent nuclear fuel. <i>Npj Materials Degradation</i> , 2020, 4, .	5.8	11
2	Chemical and Isotopic Characterization of Noble Metal Phase from Commercial $\text{UO}_2$ Fuel. <i>Analytical Chemistry</i> , 2019, 91, 6522-6529.	6.5	9
3	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
4	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
5	Plutonium chlorido nitrate complexes: ligand competition and computational metrics for assembly and bonding. <i>Chemical Communications</i> , 2018, 54, 12014-12017.	4.1	7
6	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
7	A new $\text{Pu}(\text{C}_5\text{H}_5\text{NBr})_2[\text{PuCl}_3(\text{H}_2\text{O})_5] \cdot 2\text{Cl} \cdot 2\text{H}_2\text{O}$ coordination geometry in as obtained via supramolecular assembly in aqueous, high chloride media. <i>Chemical Communications</i> , 2017, 53, 10816-10819.	4.1	10
8	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.	4.0	22
9	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
10	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
11	Solution $^{31}\text{P}$ NMR Study of the Acid-Catalyzed Formation of a Highly Charged $\{\text{U}_{24}\text{P}_{12}\}$ Nanocluster, $[(\text{UO}_2)_2]_{24}(\text{O}_2)_2]_{24}(\text{P}_2\text{O}_7)_{12}$ 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
12	Dynamics of a Nanometer-Sized Uranyl Cluster in Solution. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7464-7467.	13.8	30