

Hee-Kyung Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and spectroscopic studies of spontaneously formed crystalline Eu(III)-aliphatic dicarboxylates at room temperature. RSC Advances, 2022, 12, 4047-4053.	3.6	1
2	Surface Coverage- and Excitation Laser Wavelength-Dependent Luminescence Properties of U(VI) Species Adsorbed on Amorphous SiO ₂ . Minerals (Basel, Switzerland), 2022, 12, 230.	2.0	0
3	Assessment of Various Density Functional Theory Methods for Finding Accurate Structures of Actinide Complexes. Molecules, 2022, 27, 1500.	3.8	2
4	Study of Aqueous Am(III)-Aliphatic Dicarboxylate Complexes: Coordination Mode-Dependent Optical Property and Stability Changes. Inorganic Chemistry, 2020, 59, 13912-13922.	4.0	9
5	Studies of aqueous U(IV) equilibrium and nanoparticle formation kinetics using spectrophotometric reaction modeling analysis. RSC Advances, 2020, 10, 36723-36733.	3.6	6
6	Excitation and Emission Properties of Adsorbed U(VI) on Amorphous Silica Surface. Journal of Nuclear Fuel Cycle and Waste Technology, 2020, 18, 497-508.	0.3	1
7	Complexation of UO ₂ (CO ₃) ₃ ⁴⁻ with Mg ²⁺ at varying temperatures and its effect on U(VI) speciation in groundwater and seawater. Dalton Transactions, 2019, 48, 14769-14776.	3.3	12
8	Spectroscopic speciation of aqueous Am(III)-oxalate complexes. Dalton Transactions, 2019, 48, 10023-10032.	3.3	13
9	Formation of CaUO ₂ (CO ₃) ₃ ²⁻ and Ca ₂ UO ₂ (CO ₃) ₃ (aq) complexes at variable temperatures (10–70 °C). Dalton Transactions, 2019, 48, 6942-6950.	3.3	19
10	Component design and accident analysis of fuel assembly for prototype GEN-IV sodium-cooled fast reactor. Nuclear Engineering and Design, 2018, 340, 133-145.	1.7	5
11	TRLFS study of hydrolyzed Eu(III) species. Journal of Luminescence, 2018, 202, 469-474.	3.1	5
12	Radioanalytical and Spectroscopic Characterizations of Hydroxo- and Oxalato-Am(III) Complexes. Journal of Nuclear Fuel Cycle and Waste Technology, 2018, 16, 397-410.	0.3	2
13	Analysis of edge crack behaviour influenced by non-symmetrical contact tractions and bulk tension. Fatigue and Fracture of Engineering Materials and Structures, 2015, 38, 551-562.	3.4	2
14	A Conservative Analysis Methodology for a Steam-Line-Break Accident of the SMART-P Plant. Nuclear Technology, 2006, 153, 41-52.	1.2	8