

Peter Kaden

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nuclear Magnetic Resonance of Actinides. , 2022, , 617-631.		1
2	MOFs with 12-Coordinate 5f-Block Metal Centers. Journal of the American Chemical Society, 2022, 144, 2879-2884.	13.7	15
3	Comparative Analysis of Mononuclear 1:1 and 2:1 Tetravalent Actinide (U, Th, Np) Complexes: Crystal Structure, Spectroscopy, and Electrochemistry. Inorganic Chemistry, 2022, 61, 10509-10520.	4.0	2
4	Structure and Thermodynamics of Eu(III) and Cm(III) Complexes with Glucuronic Acid. Inorganic Chemistry, 2021, 60, 14667-14678.	4.0	1
5	Coordination of trivalent lanthanum and cerium, and tetravalent cerium and actinides (An = Th(iv),) Tj ETQq1 1 0.784314 rgBT /Overlocl Transactions, 2021, 50, 3550-3558.	3.3	7
6	Series of Tetravalent Actinide Amidinates: Structure Determination and Bonding Analysis. Inorganic Chemistry, 2020, 59, 15670-15680.	4.0	13
7	Systematic comparison of the structure of homoleptic tetradentate N₂O₂-type Schiff base complexes of tetravalent f-elements (M(<sc>iv</sc>)) Tj ETQq1 1 0.784314 rgBT /Overlocl		
8	Bonding Trends in Tetravalent Thâ€“Pu Monosalen Complexes. Chemistry - A European Journal, 2020, 26, 16853-16859.	3.3	11
9	Enantiomerically Pure Tetravalent Neptunium Amidinates: Synthesis and Characterization. Chemistry - A European Journal, 2020, 26, 8867-8870.	3.3	13
10	Acidified water glass in the selective flotation of scheelite from calcite, part II: species in solution and related mechanism of the depressant. Physicochemical Problems of Mineral Processing, 2020, 56, 798-817.	0.4	7
11	Complex formation between UO₂²⁺ and Î±-isosaccharinic acid: insights on a molecular level. Dalton Transactions, 2019, 48, 13440-13457.	3.3	10
12	Interdisciplinary Round-Robin Test on Molecular Spectroscopy of the U(VI) Acetate System. ACS Omega, 2019, 4, 8167-8177.	3.5	5
13	Recovery of gallium from wafer fabrication industry wastewaters by Desferrioxamine B and E using reversed-phase chromatography approach. Water Research, 2019, 158, 203-212.	11.3	27
14	Coordination chemistry of f-block metal ions with ligands bearing bio-relevant functional groups. Coordination Chemistry Reviews, 2019, 386, 267-309.	18.8	36
15	Comparative NMR Study of nPrBTP and iPrBTP. Procedia Chemistry, 2016, 21, 38-45.	0.7	8
16	NMR and TRLFs studies of Ln(<sc>iii</sc>) and An(<sc>iii</sc>) C5-BPP complexes. Chemical Science, 2015, 6, 1548-1561.	7.4	42
17	Neptunyl(<sc>vi</sc>) centred visible LMCT emission directly observable in the presence of uranyl(<sc>vi</sc>). Chemical Communications, 2015, 51, 5402-5405.	4.1	18
18	The influence of radioactive decay on actinide magnetic susceptibility measurements obtained using the Evans method. Physical Chemistry Chemical Physics, 2014, 16, 8608-8614.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Exploring the solution behavior of f-element coordination compounds: a case study on some trivalent rare earth and plutonium complexes. <i>Chemical Science</i> , 2013, 4, 3717.	7.4	14
20	Kasatkinite, Ba ₂ Ca ₈ B ₅ Si ₈ O ₃₂ (OH) ₃ · 6H ₂ O, a new mineral from the Bazhenovskoe deposit, the Central Urals, Russia. <i>Geology of Ore Deposits</i> , 2013, 55, 558-566.	0.7	0
21	Evidence for covalence in a N-donor complex of americium(III). <i>Dalton Transactions</i> , 2013, 42, 14068.	3.3	67
22	Noncovalently and covalently cross-linked polyurethane gels as alignment media and the suppression of residual polymer signals using diffusion-filtered spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, S22-8.	1.9	8
23	Actinide(III)/Lanthanide(III) Separation Via Selective Aqueous Complexation of Actinides(III) using a Hydrophilic 2,6-Bis(1,2,4-Triazin-3-Yl)-Pyridine in Nitric Acid. <i>Solvent Extraction and Ion Exchange</i> , 2012, 30, 433-444.	2.0	134
24	Region of Elongation Factor 1A1 Involved in Substrate Recognition by <i>Legionella pneumophila</i> Glucosyltransferase Lgt1. <i>Journal of Biological Chemistry</i> , 2009, 284, 20167-20174.	3.4	31
25	Influence of pH on the Formation of Glucan by <i>Lactobacillus reuteri</i> TMW 1.106 Exerting a Protective Function Against Extreme pH Values. <i>Food Biotechnology</i> , 2008, 22, 398-418.	1.5	34
26	Real-Time Spectroscopic and Chemical Probing of Reductive Electron Transfer in DNA. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1636-1639.	13.8	96
27	Electron Transfer Chemistry between DNA and DNA-Binding Tripeptides. <i>Biochemistry</i> , 2005, 44, 11749-11757.	2.5	16
28	Investigation of the Ga Complexation Behaviour of the Siderophore Desferrioxamine B. <i>Solid State Phenomena</i> , 0, 262, 643-646.	0.3	2