

Peter Kaden

List of Publications by Year in descending order

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28
papers

637
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Solvent Extraction and Ion Exchange, 2012, 30, 433-444.	2.0	134
2	Real-Time Spectroscopic and Chemical Probing of Reductive Electron Transfer in DNA. Angewandte Chemie - International Edition, 2005, 44, 1636-1639.	13.8	96
3	Evidence for covalence in a N-donor complex of americium(III). Dalton Transactions, 2013, 42, 14068.	3.3	67
4	NMR and TRLFS studies of Ln(III) and An(III) C5-BPP complexes. Chemical Science, 2015, 6, 1548-1561.	7.4	42
5	Coordination chemistry of f-block metal ions with ligands bearing bio-relevant functional groups. Coordination Chemistry Reviews, 2019, 386, 267-309.	18.8	36
6	Influence of pH on the Formation of Glucan by <i>Lactobacillus reuteri</i> TMW 1.106 Exerting a Protective Function Against Extreme pH Values. Food Biotechnology, 2008, 22, 398-418.	1.5	34
7	Region of Elongation Factor 1A1 Involved in Substrate Recognition by <i>Legionella pneumophila</i> Glucosyltransferase Lgt1. Journal of Biological Chemistry, 2009, 284, 20167-20174.	3.4	31
8	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
9	Neptunyl(VI) centred visible LMCT emission directly observable in the presence of uranyl(VI). Chemical Communications, 2015, 51, 5402-5405.	4.1	18
10	Electron Transfer Chemistry between DNA and DNA-Binding Tripeptides. Biochemistry, 2005, 44, 11749-11757.	2.5	16
11	MOFs with 12-Coordinate 5f-Block Metal Centers. Journal of the American Chemical Society, 2022, 144, 2879-2884.	13.7	15
12	Exploring the solution behavior of f-element coordination compounds: a case study on some trivalent rare earth and plutonium complexes. Chemical Science, 2013, 4, 3717.	7.4	14
13	Series of Tetravalent Actinide Amidinates: Structure Determination and Bonding Analysis. Inorganic Chemistry, 2020, 59, 15670-15680.	4.0	13
14	Enantiomerically Pure Tetravalent Neptunium Amidinates: Synthesis and Characterization. Chemistry - A European Journal, 2020, 26, 8867-8870.	3.3	13
15	Bonding Trends in Tetravalent Th(IV) Pu Monosalen Complexes. Chemistry - A European Journal, 2020, 26, 16853-16859.	3.3	11
16	Complex formation between UO ₂ ²⁺ and Î±-isosccharinic acid: insights on a molecular level. Dalton Transactions, 2019, 48, 13440-13457.	3.3	10
17	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
18	Systematic comparison of the structure of homoleptic tetradentate N ₂ O ₂ -type Schiff base complexes of tetravalent f-elements (M(IV))		

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19	Noncovalently and covalently crosslinked 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
20	Comparative NMR Study of nPrBTP and iPrBTP. <i>Procedia Chemistry</i> , 2016, 21, 38-45.	0.7	8
21	Coordination of trivalent lanthanum and cerium, and tetravalent cerium and actinides (An = Th(iv),) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Transactions</i> , 2021, 50, 3550-3558.	3.3	7
22	Acidified water glass in the selective flotation of scheelite from calcite, part II: species in solution and related mechanism of the depressant. <i>Physicochemical Problems of Mineral Processing</i> , 2020, 56, 798-817.	0.4	7
23	Interdisciplinary Round-Robin Test on Molecular Spectroscopy of the U(VI) Acetate System. <i>ACS Omega</i> , 2019, 4, 8167-8177.	3.5	5
24	Investigation of the Ga Complexation Behaviour of the Siderophore Desferrioxamine B. <i>Solid State Phenomena</i> , 0, 262, 643-646.	0.3	2
25	Comparative Analysis of Mononuclear 1:1 and 2:1 Tetravalent Actinide (U, Th, Np) Complexes: Crystal Structure, Spectroscopy, and Electrochemistry. <i>Inorganic Chemistry</i> , 2022, 61, 10509-10520.	4.0	2
26	Structure and Thermodynamics of Eu(III) and Cm(III) Complexes with Glucuronic Acid. <i>Inorganic Chemistry</i> , 2021, 60, 14667-14678.	4.0	1
27	Nuclear Magnetic Resonance of Actinides. , 2022, , 617-631.		1
28	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