Thomas Albrecht-SchÃ¶nzart

List of Publications by Year
in descending order

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214	8,814	53794	54911
papers	citations	45 h-index	84 g-index

224	224	224	4677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, characterization, and high-pressure studies of a 3D berkelium(<scp>iii</scp>) carboxylate framework material. Chemical Communications, 2022, 58, 2200-2203.	4.1	6
2	Cyclopentadienyl coordination induces unexpected ionic Amâ”N bonding in an americium bipyridyl complex. Nature Communications, 2022, 13, 201.	12.8	8
3	Nuclear structure investigations of Es253â”255 by laser spectroscopy. Physical Review C, 2022, 105, .	2.9	9
4	Atypical Spectroscopic Behavior in Divalent Lanthanide Dibenzyldiaza-18-crown-6 Complexes (Ln = Sm,) Tj ETQq0 0 0 rgBT /Overlock 10	3.0	4
5	Structural and Spectroscopic Analysis of Ln(II) 18-crown-6 and Benzo-18-crown-6 Complexes (Ln = Sm,) Tj ETQq1 1 0.784314 rgBT /O	3.0	9
6	Transient Radiation-Induced Berkelium(III) and Californium(III) Redox Chemistry in Aqueous Solution. Inorganic Chemistry, 2022, 61, 10822-10832.	4.0	3
7	Curium(<scp>iii</scp>) radiation-induced reaction kinetics in aqueous media. Dalton Transactions, 2021, 50, 10853-10859.	3.3	5
8	RÃ¼cktitelbild: Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules (Angew. Chem. 17/2021). Angewandte Chemie, 2021, 133, 9812-9812.	2.0	0
9	Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules. Angewandte Chemie - International Edition, 2021, 60, 9459-9466.	13.8	23
10	Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules. Angewandte Chemie, 2021, 133, 9545-9552.	2.0	4
11	Computational Investigation of the Bonding in [(Î·⁵â€“Cpâ€²)₃(Î·¹â€“Cpâ€²)M]^{1â€“} (M = Pu, U, Ce). Organometallics, 2021, 40, 1577-1587.	2.4	4
12	An_{1.33}T₄Al₈Si₂ (An = Ce, Th, U, Np; T = Ni, Co): Actinide Intermetallics with Disordered Gd_{1+x}Fe₄Si_{10â€“y} Structure Type Grown from Metal Flux. Inorganic Chemistry, 2021, 60, 13062-13070.	4.0	1
13	Using Redox-Active Ligands to Generate Actinide Ligand Radical Species. Inorganic Chemistry, 2021, 60, 15242-15252.	4.0	19
14	Influence of Outer-Sphere Anions on the Photoluminescence from Samarium(II) Crown Complexes. Inorganic Chemistry, 2021, 60, 15196-15207.	4.0	12
15	Synthesis, characterization, and theoretical analysis of a plutonyl phosphine oxide complex. Dalton Transactions, 2021, 50, 14537-14541.	3.3	4
16	Complexation and redox chemistry of neptunium, plutonium and americium with a hydroxylaminato ligand. Chemical Science, 2021, 12, 13343-13359.	7.4	13
17	Pronounced Pressure Dependence of Electronic Transitions for Americium Compared to Isomorphous Neodymium and Samarium Mellitates. Inorganic Chemistry, 2021, 60, 476-483.	4.0	16
18	Understanding the Stabilization and Tunability of Divalent Europium 2.2.2B Cryptates. Inorganic Chemistry, 2021, 60, 7815-7826.	4.0	16

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19	Isolation and characterization of a californium metallocene. Nature, 2021, 599, 421-424.	27.8	25
20	Creation of an unexpected plane of enhanced covalency in cerium(III) and berkelium(III) terpyridyl complexes. Nature Communications, 2021, 12, 7230.	12.8	11
21	Synthesis, Spectroscopy, and Theoretical Details of Uranyl Schiff-Base Coordination Complexes. Inorganic Chemistry, 2020, 59, 23-31.	4.0	25
22	Interaction of Np(v) with borate in alkaline, dilute-to-concentrated, NaCl and MgCl2 solutions. Dalton Transactions, 2020, 49, 1570-1581.	3.3	1
23	Bulk Assemblies of Lead Bromide Trimer Clusters with Geometry-Dependent Photophysical Properties. Chemistry of Materials, 2020, 32, 374-380.	6.7	56
24	Compression of curium pyrrolidine-dithiocarbamate enhances covalency. Nature, 2020, 583, 396-399.	27.8	34
25	Pressure-Induced Spectroscopic Changes in a Californium 1D Material Are Twice as Large as Found in the Holmium Analog. Inorganic Chemistry, 2020, 59, 10794-10801.	4.0	13
26	Exploring the Oxidation States of Neptunium with Schiff Base Coordination Complexes. Inorganic Chemistry, 2020, 59, 18035-18047.	4.0	10
27	Origin of Bond Elongation in a Uranium(IV) cis-Bis(imido) Complex. Inorganic Chemistry, 2020, 59, 18461-18468.	4.0	7
28	Structural Complexity and Magnetic Orderings in a Large Family of 3dâ€“4f Heterobimetallic Sulfates. Inorganic Chemistry, 2020, 59, 13398-13406.	4.0	6
29	Structure and Characterization of an Americium Bis(O,Oâ€™-diethyl)dithiophosphate Complex. Inorganic Chemistry, 2020, 59, 16291-16300.	4.0	13
30	Superstructures and Superconductivity Linked with Pd Intercalation in Nb₂Pd_xSe₅. Chemistry of Materials, 2020, 32, 8361-8366.	6.7	1
31	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. Inorganic Chemistry, 2020, 59, 13301-13314.	4.0	23
32	Structural Relationships and Absorption Spectroscopy of Î²-[NH₄][UF₅] and [NH₄][Pu₃F₁₃]. Crystal Growth and Design, 2020, 20, 2998-3006.	3.0	4
33	Employing Lewis Acidity to Generate Bimetallic Lanthanide Complexes. Inorganic Chemistry, 2020, 59, 8642-8646.	4.0	4
34	Examination of Molten Salt Reactor Relevant Elements Using Hydrothermal Synthesis. Inorganic Chemistry, 2020, 59, 4176-4180.	4.0	8
35	Gas-Phase Complexes of Americium and Lanthanides with a Bis-triazinyl Pyridine: Reactivity and Bonding of Archetypes for F-Element Separations. Journal of Physical Chemistry A, 2020, 124, 2982-2990.	2.5	5
36	Trivalent f-Element Squarates, Squarate-Oxalates, and Cationic Materials, and the Determination of the Nine-Coordinate Ionic Radius of Cf(III). Inorganic Chemistry, 2020, 59, 9384-9395.	4.0	19

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37	Probing a variation of the inverse-trans-influence in americium and lanthanide tribromide tris(tricyclohexylphosphine oxide) complexes. Chemical Science, 2020, 11, 2770-2782.	7.4	22
38	Structural and Spectroscopic Investigation of Two Plutonium Mellitates. Inorganic Chemistry, 2020, 59, 3085-3090.	4.0	12
39	Twoâ€Dimensional Uranyl Borates: From Conventional to Extreme Synthetic Conditions. European Journal of Inorganic Chemistry, 2020, 2020, 407-416.	2.0	7
40	Electron Beam Irradiation as a General Approach for the Rapid Synthesis of Covalent Organic Frameworks under Ambient Conditions. Journal of the American Chemical Society, 2020, 142, 9169-9174.	13.7	90
41	Evidence of Alpha Radiolysis in the Formation of a Californium Nitrate Complex. Chemistry - A European Journal, 2020, 26, 8885-8888.	3.3	6
42	Theoretical examination of covalency in berkelium(<scp>IV</scp>) carbonate complexes. International Journal of Quantum Chemistry, 2020, 120, e26254.	2.0	8
43	RÃ¼cktitelbild: [Am(C₅Me₄H)₃]: An Organometallic Americium Complex (Angew. Chem. 34/2019). Angewandte Chemie, 2019, 131, 12050-12050.	2.0	0
44	Electrochemical Studies of Selected Lanthanide and Californium Cryptates. Inorganic Chemistry, 2019, 58, 9602-9612.	4.0	19
45	Structure, Spectroscopy, and Theoretical Analysis of Zero- and Three-Dimensional Lithium Plutonium Fluorides: Li4PuF8 and LiPuF5. Inorganic Chemistry, 2019, 58, 14790-14799.	4.0	11
46	Polyoxometalates: [Ln₆O₈] Clusterâ€Encapsulating Polyplumbites as New Polyoxometalate Members and Record Inorganic Anionâ€Exchange Materials for ReO₄^â</sup> Sequestration (Adv. Sci. 17/2019). Advanced Science, 2019, 6, 1970105.	11.2	1
47	Frontispiece: Contemporary Chemistry of Berkelium and Californium. Chemistry - A European Journal, 2019, 25, .	3.3	0
48	Soft-donor dipicolinamide derivatives for selective actinide(<scp>iii</scp>)/lanthanide(<scp>iii</scp>) separation: the role of S- vs. O-donor sites. Chemical Communications, 2019, 55, 2441-2444.	4.1	29
49	Actinide Chemistry at the Extreme. Inorganic Chemistry, 2019, 58, 1721-1723.	4.0	16
50	[Ln 6 O 8] Clusterâ€Encapsulating Polyplumbites as New Polyoxometalate Members and Record Inorganic Anionâ€Exchange Materials for ReO 4 â" Sequestration. Advanced Science, 2019, 6, 1900381.	11.2	16
51	Origins of the odd optical observables in plutonium and americium tungstates. Chemical Science, 2019, 10, 6508-6518.	7.4	4
52	[Am(C₅Me₄H)₃]: An Organometallic Americium Complex. Angewandte Chemie - International Edition, 2019, 58, 11695-11699.	13.8	29
53	[Am(C 5 Me 4 H) 3]: An Organometallic Americium Complex. Angewandte Chemie, 2019, 131, 11821-11825.	2.0	16
54	The Paradox of Using Radionuclides To Treat Disease. ACS Central Science, 2019, 5, 383-385.	11.3	0

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55	Contemporary Chemistry of Berkelium and Californium. Chemistry - A European Journal, 2019, 25, 10251-10261.	3.3	13
56	Origin of Selectivity of a Triazinyl Ligand for Americium(III) over Neodymium(III). Chemistry - A European Journal, 2019, 25, 3248-3252.	3.3	33
57	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>239</mml:mn></mml:mmultiscripts></mml:math> nuclear magnetic resonance in the candidate topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PuB</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 99, .	3.2	8
58	Tailored Perovskite Waste Forms for Plutonium Trapping. Inorganic Chemistry, 2019, 58, 3026-3032.	4.0	4
59	Evolution of the periodic table through the synthesis of new elements. Radiochimica Acta, 2019, 107, 771-801.	1.2	4
60	Molecular and Electronic Structure, and Hydrolytic Reactivity of a Samarium(II) Crown Ether Complex. Inorganic Chemistry, 2019, 58, 3457-3465.	4.0	14
61	High-Pressure Studies of Cesium Uranyl Chloride. Inorganic Chemistry, 2019, 58, 228-233.	4.0	5
62	Electronic, Magnetic, and Theoretical Characterization of (NH₄)₄UF₈, a Simple Molecular Uranium(IV) Fluoride. Inorganic Chemistry, 2019, 58, 637-647.	4.0	12
63	Conversion of Americia to Anhydrous Trivalent Americium Halides. Organometallics, 2019, 38, 606-609.	2.3	23
64	Synthesis and Characterization of Tris-chelate Complexes for Understanding f-Orbital Bonding in Later Actinides. Journal of the American Chemical Society, 2019, 141, 2356-2366.	13.7	41
65	Redetermination of the crystal structure of tetralithium octafluoridozirconate(IV), Li₄ZrF₈, from single-crystal X-ray data. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 139-141.	0.5	6
66	Emergence of Uranium as a Distinct Metal Center for Building Intrinsic Xâ€ray Scintillators. Angewandte Chemie - International Edition, 2018, 57, 7883-7887.	13.8	198
67	Emergence of Uranium as a Distinct Metal Center for Building Intrinsic Xâ€ray Scintillators. Angewandte Chemie, 2018, 130, 8009-8013.	2.0	32
68	Facile and Efficient Decontamination of Thorium from Rare Earths Based on Selective Selenite Crystallization. Inorganic Chemistry, 2018, 57, 1880-1887.	4.0	32
69	A Large Family of Centrosymmetric and Chiral f-Element-Bearing Iodate Selenates Exhibiting Coordination Number and Dimensional Reductions. Inorganic Chemistry, 2018, 57, 1676-1683.	4.0	23
70	Uncovering the Origin of Divergence in the CsM(CrO₄)₂ (M = La, Pr, Nd, Sm,) Tj ETQq0 0 0 rgBT /Overlock 10 Structure Analysis. Journal of the American Chemical Society, 2018, 140, 1674-1685.	13.7	14
71	Synthesis and Study of the First Zeolitic Uranium Borate. Crystal Growth and Design, 2018, 18, 498-505.	3.0	15
72	New Uranyl Open Framework and Sheet Compounds Formed via In-Situ Protonation of Piperazine by Phosphorous Acid. Minerals (Basel, Switzerland), 2018, 8, 497.	2.0	1

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73	Experimental and Theoretical Comparison of Transition-Metal and Actinide Tetravalent Schiff Base Coordination Complexes. Inorganic Chemistry, 2018, 57, 15389-15398.	4.0	36
74	Examination of Structure and Bonding in 10-Coordinate Europium and Americium Terpyridyl Complexes. Inorganic Chemistry, 2018, 57, 12969-12975.	4.0	22
75	A series of dithiocarbamates for americium, curium, and californium. Dalton Transactions, 2018, 47, 14452-14461.	3.3	49
76	InnenrÃ¼cktitelbild: Emergence of Uranium as a Distinct Metal Center for Building Intrinsic X-ray Scintillators (Angew. Chem. 26/2018). Angewandte Chemie, 2018, 130, 8031-8031.	2.0	1
77	Comparison of the Electronic Properties of f 7 , f 8 , and f 9 Lanthanides With Formally Isoelectronic Actinides. Fundamental Theories of Physics, 2018, 53, 1-33.	0.3	2
78	99TcO4â^' remediation by a cationic polymeric network. Nature Communications, 2018, 9, 3007.	12.8	234
79	Schiff-base coordination complexes with plutonium(<scp>iv</scp>) and cerium(<scp>iv</scp>). Chemical Communications, 2018, 54, 8634-8636.	4.1	32
80	Expanding pentafluorouranates: hydrothermal synthesis and characterization of Î²-NaUF₅ and Î²-NaUF₅Â·H₂O. RSC Advances, 2018, 8, 28642-28648.	3.6	12
81	Ferromagnetic quantum critical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CePd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mrow><mml:mi mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:mrow></mml:math> with Pd <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>â†'</mml:mo></mml:math> Ni substitution. Physical Review B, 2018, 97, .	3.2	11
82	Wavelength selective separation of metal ions using electroactive ligands. Chemical Communications, 2018, 54, 7507-7510.	4.1	1
83	A rare positively charged nicotinic acid disulfide: 2,2â€²-dithiodinicotinic acid hydrochloride monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 820-824.	0.5	0
84	Efficient and Selective Uptake of TcO₄^{â€“} by a Cationic Metalâ€“Organic Framework Material with Open Ag⁺ Sites. Environmental Science & Technology, 2017, 51, 3471-3479.	10.0	323
85	Incipient class II mixed valency in a plutonium solid-state compound. Nature Chemistry, 2017, 9, 856-861.	13.6	28
86	Directed evolution of the periodic table: probing the electronic structure of late actinides. Dalton Transactions, 2017, 46, 9316-9333.	3.3	14
87	Systematic Investigation of the in Situ Reduction Process from U(VI) to U(IV) in a Phosphonate System under Mild Solvothermal Conditions. Inorganic Chemistry, 2017, 56, 6952-6964.	4.0	21
88	Exceptional Perrhenate/Pertechnetate Uptake and Subsequent Immobilization by a Low-Dimensional Cationic Coordination Polymer: Overcoming the Hofmeister Bias Selectivity. Environmental Science and Technology Letters, 2017, 4, 316-322.	8.7	181
89	Overcoming the crystallization and designability issues in the ultrastable zirconium phosphonate framework system. Nature Communications, 2017, 8, 15369.	12.8	366
90	Rare earth separations by selective borate crystallization. Nature Communications, 2017, 8, 14438.	12.8	125

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91	Understanding the Scarcity of Thorium Peroxide Clusters. Inorganic Chemistry, 2017, 56, 12692-12694.	4.0	6
92	Identifying the Recognition Site for Selective Trapping of ⁹⁹TcO₄^{â€“} in a Hydrolytically Stable and Radiation Resistant Cationic Metalâ€“Organic Framework. Journal of the American Chemical Society, 2017, 139, 14873-14876.	13.7	386
93	Divergent Structural Chemistry of Uranyl Borates Obtained from Solid State and Hydrothermal Conditions. Crystal Growth and Design, 2017, 17, 5898-5907.	3.0	15
94	Porous Uranyl Borophosphates with Unique Three-Dimensional Open-Framework Structures. Inorganic Chemistry, 2017, 56, 9311-9320.	4.0	27
95	Possible devil's staircase in the Kondo lattice CeSbSe. Physical Review B, 2017, 96, .	3.2	20
96	Electronic Structure and Properties of Berkelium Iodates. Journal of the American Chemical Society, 2017, 139, 13361-13375.	13.7	25
97	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. Nature Communications, 2017, 8, 1354.	12.8	296
98	Selenium Sequestration in a Cationic Layered Rare Earth Hydroxide: A Combined Batch Experiments and EXAFS Investigation. Environmental Science & Technology, 2017, 51, 8606-8615.	10.0	98
99	Tuning Mixedâ€Valent Eu²⁺/Eu³⁺ in Strontium Formate Frameworks for Multichannel Photoluminescence. Chemistry - A European Journal, 2016, 22, 11170-11175.	3.3	37
100	Unfolding the physics of URu2Si2 through silicon to phosphorus substitution. Nature Communications, 2016, 7, 10712.	12.8	25
101	Alkynes as Linchpins for the Additive Annulation of Biphenyls: Convergent Construction of Functionalized Fused Helicenes. Angewandte Chemie, 2016, 128, 12233-12237.	2.0	23
102	Atypical temperature-dependence of symmetry transformation observed in a uranyl phosphonate. Dalton Transactions, 2016, 45, 9031-9035.	3.3	23
103	Monomers, Dimers, and Helices: Complexities of Cerium and Plutonium Phenanthrolinecarboxylates. Inorganic Chemistry, 2016, 55, 4373-4380.	4.0	17
104	Potassium uranyl borate 3D framework compound resulted from temperature directed hydroborate condensation: structure, spectroscopy, and dissolution studies. Dalton Transactions, 2016, 45, 15464-15472.	3.3	7
105	Two-Dimensional Inorganic Cationic Network of Thorium Iodate Chloride with Unique Halogenâ€“Halogen Bonds. Inorganic Chemistry, 2016, 55, 8570-8575.	4.0	8
106	A Mixedâ€Valent Uranium Phosphonate Framework Containing U IV , U V , and U VI. Chemistry - A European Journal, 2016, 22, 11954-11957.	3.3	35
107	Fleeting glimpse of an elusive element. Nature, 2016, 536, 404-405.	27.8	3
108	Characterization of berkelium(III) dipicolinate and borate compounds in solution and the solid state. Science, 2016, 353, .	12.6	86

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109	Alkynes as Linchpins for the Additive Annulation of Biphenyls: Convergent Construction of Functionalized Fused Helicenes. Angewandte Chemie - International Edition, 2016, 55, 12054-12058.	13.8	62
110	Influence of Synthetic Conditions on Chemistry and Structural Properties of Alkaline Earth Uranyl Borates. Crystal Growth and Design, 2016, 16, 5923-5931.	3.0	20
111	Characterization of Lanthanide Complexes with Bis-1,2,3-triazole-bipyridine Ligands Involved in Actinide/Lanthanide Separation. Inorganic Chemistry, 2016, 55, 11454-11461.	4.0	32
112	Covalency-Driven Dimerization of Plutonium(IV) in a Hydroxamate Complex. Inorganic Chemistry, 2016, 55, 5092-5094.	4.0	12
113	First Cationic Uranylâ€“Organic Framework with Anion-Exchange Capabilities. Inorganic Chemistry, 2016, 55, 6358-6360.	4.0	88
114	Diverse Lanthanide Coordination and Selective Ion Exchange in the Microporous Selenites Na₄Ln₄(SeO₃)₇OÂ·nH₂O (Ln = Gd,) Tj ET Q q 0 0 0 rg BT /Overlo	3.0	
115	Surprising coordination for low-valent actinides resembling uranyl(<scp>vi</scp>) in thorium(<scp>iv</scp>) organic hybrid layered and framework structures based on a graphene-like (6,3) sheet topology. Dalton Transactions, 2016, 45, 918-921.	3.3	33
116	Hydrolytically Stable Nanoporous Thorium Mixed Phosphite and Pyrophosphate Framework Generated from Redox-Active Ionothermal Reactions. Inorganic Chemistry, 2016, 55, 3721-3723.	4.0	19
117	Evaluation of f-element borate chemistry. Coordination Chemistry Reviews, 2016, 323, 36-51.	18.8	56
118	Modulating the electrical conductivity of metalâ€“organic framework films with intercalated guest Ï€-systems. Journal of Materials Chemistry C, 2016, 4, 894-899.	5.5	80
119	Spontaneous Partitioning of Californium from Curium: Curious Cases from the Crystallization of Curium Coordination Complexes. Inorganic Chemistry, 2015, 54, 11399-11404.	4.0	32
120	Boosting Proton Conductivity in Highly Robust 3D Inorganic Cationic Extended Frameworks through Ion Exchange with Dihydrogen Phosphate Anions. Chemistry - A European Journal, 2015, 21, 17591-17595.	3.3	19
121	Emergence of californium as the second transitional element in the actinide series. Nature Communications, 2015, 6, 6827.	12.8	108
122	Metastable charge-transfer state of californium(<scp>iii</scp>) compounds. Physical Chemistry Chemical Physics, 2015, 17, 16151-16157.	2.8	13
123	Why Is Uranyl Formohydroxamate Red?. Inorganic Chemistry, 2015, 54, 5280-5284.	4.0	19
124	Umbellate Distortions of the Uranyl Coordination Environment Result in a Stable and Porous Polycatenated Framework That Can Effectively Remove Cesium from Aqueous Solutions. Journal of the American Chemical Society, 2015, 137, 6144-6147.	13.7	392
125	Probing the Influence of Phosphonate Bonding Modes to Uranium(VI) on Structural Topology and Stability: A Complementary Experimental and Computational Investigation. Inorganic Chemistry, 2015, 54, 3864-3874.	4.0	43
126	Design and synthesis of a chiral uranium-based microporous metal organic framework with high SHG efficiency and sequestration potential for low-valent actinides. Dalton Transactions, 2015, 44, 18810-18814.	3.3	49

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127	Unravelling the Proton Conduction Mechanism from Room Temperature to 553 K in a 3D Inorganic Coordination Framework. Inorganic Chemistry, 2015, 54, 10023-10029.	4.0	16
128	Highly Selective Colorimetric and Luminescence Response of a Square-Planar Platinum(II) Terpyridyl Complex to Aqueous TcO₄^{â“}. Inorganic Chemistry, 2015, 54, 9914-9923.	4.0	39
129	Insertion of Trivalent Lanthanides into Uranyl Vanadate Layers and Frameworks. Inorganic Chemistry, 2015, 54, 8449-8455.	4.0	16
130	Structureâ€“Property Correlations in the Heterobimetallic 4f/3d Materials Ln₂M(TeO₃)₂(SO₄) (Ln = Y, Nd, Sm, Eu, Gd, Tb, Dy, Ho,) Tj ET Q q 0 0 0 rg BT /Overlo	3.0	21
131	Chirality and Polarity in the fâ€Block Borates M₄[B₁₆O₂₆(OH)₄(H₂O)₃Cl₄] (M=Sm, Eu, Gd, Pu, Am, Cm, and Cf). Chemistry - A European Journal, 2014, 20, 9892-9896.	5.7	27
132	1-Ethyl-3-methyl-1H-imidazol-3-ium spiropentaborate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o171-o172.	0.2	3
133	Unusual structure, bonding and properties in a californium borate. Nature Chemistry, 2014, 6, 387-392.	13.6	110
134	Straightforward Reductive Routes to Air-Stable Uranium(III) and Neptunium(III) Materials. Inorganic Chemistry, 2014, 53, 7455-7466.	4.0	12
135	Dimensional and Coordination Number Reductions in a Large Family of Lanthanide Tellurite Sulfates. Inorganic Chemistry, 2014, 53, 8555-8564.	4.0	16
136	Ionothermal and Hydrothermal Flux Syntheses of Five New Uranyl Phosphonates. Crystal Growth and Design, 2014, 14, 228-235.	3.0	39
137	Synthesis and Spectroscopy of New Plutonium(III) and -(IV) Molybdates: Comparisons of Electronic Characteristics. Inorganic Chemistry, 2014, 53, 3148-3152.	4.0	8
138	Challenges in the Search for Magnetic Coupling in 3d/4f Materials: Syntheses, Structures, and Magnetic Properties of the Lanthanide Copper Heterobimetallic Compounds, RE₂Cu(TeO₃)₂(SO₄)₂. Chemistry of Materials, 2014, 26, 2187-2194.	6.7	25
139	Topologically identical, but geometrically isomeric layers in hydrous Î±-, Î²-Rb[UO2(AsO3OH)(AsO2(OH)2)]Â·H2O and anhydrous Rb[UO2(AsO3OH)(AsO2(OH)2)]. Journal of Solid State Chemistry, 2014, 215, 152-159.	2.9	6
140	Expansion of the Rich Structures and Magnetic Properties of Neptunium Selenites: Soft Ferromagnetism in Np(SeO3)2. Inorganic Chemistry, 2014, 53, 7154-7159.	4.0	12
141	Further Evidence for the Stabilization of U(V) within a Tetraoxo Core. Inorganic Chemistry, 2014, 53, 5294-5299.	4.0	21
142	Th(VO₃)₂(SeO₃) and Ln(VO₃)₂(IO₃) (Ln = Ce, Pr, Nd, Sm, and Eu): unusual cases of aliovalent substitution. Chemical Communications, 2014, 50, 3668-3670.	4.1	42
143	Syntheses, Structures, and Comparisons of Thallium Uranium Phosphites, Mixed Phosphate-Phosphites, and Phosphate. Crystal Growth and Design, 2013, 13, 1721-1729.	3.0	21
144	From Yellow to Black: Dramatic Changes between Cerium(IV) and Plutonium(IV) Molybdates. Journal of the American Chemical Society, 2013, 135, 2769-2775.	13.7	32

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145	A new low temperature route to uranyl borates with structural variations. Zeitschrift Fur Kristallographie - Crystalline Materials, 2013, 228, .	0.8	4
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