Thomas Albrecht-SchÃ¶nzart

List of Publications by Year
in descending order

214 papers	8,814 citations	53794 45 h-index	54911 84 g-index
224 all docs	224 docs citations	224 times ranked	4677 citing authors

#	Article	IF	Citations
1	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
2	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
3	Overcoming the crystallization and designability issues in the ultrastable zirconium phosphonate framework system. Nature Communications, 2017, 8, 15369.	12.8	366
4	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
5	Structural Modulation of Molybdenyl Iodate Architectures by Alkali Metal Cations in AMoO3(IO3) (A =) Tj ETQq1 1 0.784314 rgBT /Ov Chemical Society, 2002, 124, 1951-1957.	13.7	320
6	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. Nature Communications, 2017, 8, 1354.	12.8	296
7	NDTBâ€‘1: A Supertetrahedral Cationic Framework That Removes TcO₄^{âˆ’} from Solution. Angewandte Chemie - International Edition, 2010, 49, 1057-1060.	13.8	238
8	99TcO4âˆ’ remediation by a cationic polymeric network. Nature Communications, 2018, 9, 3007.	12.8	234
9	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
10	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
11	New One-Dimensional Vanadyl Iodates:Â Hydrothermal Preparation, Structures, and NLO Properties of A[VO2(IO3)2] (A = K, Rb) and A[(VO)2(IO3)3O2] (A = NH4, Rb, Cs). Chemistry of Materials, 2002, 14, 2741-2749.	6.7	154
12	Selectivity, Kinetics, and Efficiency of Reversible Anion Exchange with TcO₄^{âˆ’} in a Supertetrahedral Cationic Framework. Advanced Functional Materials, 2012, 22, 2241-2250.	14.9	141
13	Cationâˆ’Cation Interactions between Uranyl Cations in a Polar Open-Framework Uranyl Periodate. Journal of the American Chemical Society, 2004, 126, 2676-2677.	13.7	128
14	Rare earth separations by selective borate crystallization. Nature Communications, 2017, 8, 14438.	12.8	125
15	Structural Relationships, Interconversion, and Optical Properties of the Uranyl Iodates, UO2(IO3)2 and UO2(IO3)2(H2O):â€‰ A Comparison of Reactions under Mild and Supercritical Conditions. Chemistry of Materials, 2001, 13, 1266-1272.	6.7	117
16	Unusual structure, bonding and properties in a californium borate. Nature Chemistry, 2014, 6, 387-392.	13.6	110
17	Emergence of californium as the second transitional element in the actinide series. Nature Communications, 2015, 6, 6827.	12.8	108
18	Polarity and Chirality in Uranyl Borates: Insights into Understanding the Vitrification of Nuclear Waste and the Development of Nonlinear Optical Materials. Chemistry of Materials, 2010, 22, 2155-2163.	6.7	103

#	ARTICLE	IF	CITATIONS
19	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
20	Differentiating between Trivalent Lanthanides and Actinides. Journal of the American Chemical Society, 2012, 134, 10682-10692.	13.7	96
21	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
22	First Cationic Uranylâ€"Organic Framework with Anion-Exchange Capabilities. Inorganic Chemistry, 2016, 55, 6358-6360.	4.0	88
23	Characterization of berkelium(III) dipicolinate and borate compounds in solution and the solid state. Science, 2016, 353, .	12.6	86
24	A New Oxoanion:â€‰ [IO4]3- Containing I(V) with a Stereochemically Active Lone-Pair in the Silver Uranyl Iodate Tetraoxoiodate(V), Ag4(UO2)4(IO3)2(IO4)2O2. Journal of the American Chemical Society, 2001, 123, 8806-8810.	13.7	85
25	Cationâ"Cation Interactions in Neptunyl(V) Compounds:â€‰ Hydrothermal Preparation and Structural Characterization of NpO2(IO3) and Î±- and Î²-AgNpO2(SeO3). Inorganic Chemistry, 2003, 42, 3788-3795.	4.0	85
26	Recent progress in actinide borate chemistry. Chemical Communications, 2011, 47, 10874.	4.1	81
27	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
28	Syntheses, Structures, and Spectroscopic Properties of Plutonium and Americium Phosphites and the Redetermination of the Ionic Radii of Pu(III) and Am(III). Inorganic Chemistry, 2012, 51, 8419-8424.	4.0	72
29	Low-Dimensional Organically Templated Uranium Fluorides (C5H14N2)2U2F12Â·2H2O and (C2H10N2)U2F10:Â Hydrothermal Syntheses, Structures, and Magnetic Properties. Chemistry of Materials, 2000, 12, 3208-3213.	6.7	70
30	Neptunium Diverges Sharply from Uranium and Plutonium in Crystalline Borate Matrixes: Insights into the Complex Behavior of the Early Actinides Relevant to Nuclear Waste Storage. Angewandte Chemie - International Edition, 2010, 49, 1263-1266.	13.8	67
31	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
32	Bonding Changes in Plutonium(III) and Americium(III) Borates. Angewandte Chemie - International Edition, 2011, 50, 8891-8894.	13.8	57
33	Evaluation of f-element borate chemistry. Coordination Chemistry Reviews, 2016, 323, 36-51.	18.8	56
34	Bulk Assemblies of Lead Bromide Trimer Clusters with Geometry-Dependent Photophysical Properties. Chemistry of Materials, 2020, 32, 374-380.	6.7	56
35	How are Centrosymmetric and Noncentrosymmetric Structures Achieved in Uranyl Borates?. Inorganic Chemistry, 2010, 49, 2948-2953.	4.0	53
36	Role of Anions and Reaction Conditions in the Preparation of Uranium(VI), Neptunium(VI), and Plutonium(VI) Borates. Inorganic Chemistry, 2011, 50, 2527-2533.	4.0	53

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37	From Layered Structures to Cubic Frameworks: Expanding the Structural Diversity of Uranyl Carboxyphosphonates via the Incorporation of Cobalt. Crystal Growth and Design, 2011, 11, 1385-1393.	3.0	53
38	Structural and Spectroscopic Trends in Actinyl Iodates of Uranium, Neptunium, and Plutonium. Inorganic Chemistry, 2003, 42, 5632-5636.	4.0	52
39	Structureâ^'Property Relationships in Lithium, Silver, and Cesium Uranyl Borates. Chemistry of Materials, 2010, 22, 5983-5991.	6.7	50
40	Further insights into intermediate- and mixed-valency in neptunium oxoanion compounds: structure and absorption spectroscopy of K2[(NpO2)3B10O16(OH)2(NO3)2]. Chemical Communications, 2010, 46, 3955.	4.1	50
41	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
42	A series of dithiocarbamates for americium, curium, and californium. Dalton Transactions, 2018, 47, 14452-14461.	3.3	49
43	Cerium(IV), Neptunium(IV), and Plutonium(IV) 1,2-Phenylenediphosphonates: Correlations and Differences between Early Transuranium Elements and Their Proposed Surrogates. Inorganic Chemistry, 2010, 49, 10074-10080.	4.0	48
44	Crystal Chemistry of the Potassium and Rubidium Uranyl Borate Families Derived from Boric Acid Fluxes. Inorganic Chemistry, 2010, 49, 6690-6696.	4.0	48
45	Surprising Coordination for Plutonium in the First Plutonium(III) Borate. Inorganic Chemistry, 2011, 50, 2079-2081.	4.0	47
46	Deviation Between the Chemistry of Ce(IV) and Pu(IV) and Routes to Ordered and Disordered Heterobimetallic 4f/5f and 5f/5f Phosphonates. Inorganic Chemistry, 2011, 50, 4842-4850.	4.0	46
47	Curium(III) Borate Shows Coordination Environments of Both Plutonium(III) and Americium(III) Borates. Angewandte Chemie - International Edition, 2012, 51, 1869-1872.	13.8	46
48	Further Examples of the Failure of Surrogates to Properly Model the Structural and Hydrothermal Chemistry of Transuranium Elements: Insights Provided by Uranium and Neptunium Diphosphonates. Inorganic Chemistry, 2008, 47, 4945-4951.	4.0	45
49	Hydrothermal Synthesis, Structure, and Magnetic Properties of a Layered Organically Templated Uranium Aquofluoride:Â [C5H14N2][U2F10(H2O)]. Inorganic Chemistry, 2001, 40, 886-890.	4.0	44
50	Systematic Evolution from Uranyl(VI) Phosphites to Uranium(IV) Phosphates. Inorganic Chemistry, 2012, 51, 6548-6558.	4.0	43
51	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
52	Hydrothermal Syntheses of Layered Uranium Oxyfluorides:â€‰ Illustrations of Dimensional Reduction. Inorganic Chemistry, 2000, 39, 5174-5175.	4.0	42
53	Synthesis, Structure, and Spectroscopic Properties of Am(IO3)3and the Photoluminescence Behavior of Cm(IO3)3. Inorganic Chemistry, 2005, 44, 5667-5676.	4.0	42
54	Extended networks, porous sheets, and chiral frameworks. Thorium materials containing mixed geometry anions: Structures and properties of Th(SeO3)(SeO4), Th(IO3)2(SeO4)(H2O)3Â·H2O, and Th(CrO4)(IO3)2. Journal of Solid State Chemistry, 2006, 179, 1192-1201.	2.9	42

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55	Periodic Trends in Lanthanide and Actinide Phosphonates: Discontinuity between Plutonium and Americium. Inorganic Chemistry, 2012, 51, 6906-6915.	4.0	42
56	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
57	Hydrothermal Syntheses, Structures, and Magnetic Properties of the U(IV) Fluorides (C5H14N2)2U2F12Â·5H2O and (NH4)7U6F31. Journal of Solid State Chemistry, 2001, 158, 87-93.	2.9	41
58	Synthesis and Characterization of Tris-chelate Complexes for Understanding <i>f</i>-Orbital Bonding in Later Actinides. Journal of the American Chemical Society, 2019, 141, 2356-2366.	13.7	41
59	Hydrothermal synthesis, structure, Raman spectroscopy, and self-irradiation studies of 248Cm(IO3)3. Journal of Solid State Chemistry, 2004, 177, 4413-4419.	2.9	40
60	First Structural Determination of a Trivalent Californium Compound with Oxygen Coordination. Inorganic Chemistry, 2006, 45, 475-477.	4.0	40
61	Comparisons of Plutonium, Thorium, and Cerium Tellurite Sulfates. Inorganic Chemistry, 2013, 52, 4277-4281.	4.0	39
62	Ionothermal and Hydrothermal Flux Syntheses of Five New Uranyl Phosphonates. Crystal Growth and Design, 2014, 14, 228-235.	3.0	39
63	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
64	Boronic Acid Flux Synthesis and Crystal Growth of Uranium and Neptunium Boronates and Borates: A Low-Temperature Route to the First Neptunium(V) Borate. Inorganic Chemistry, 2010, 49, 9755-9757.	4.0	37
65	Tuning Mixedâ€Valent Eu²⁺/Eu³⁺ in Strontium Formate Frameworks for Multichannel Photoluminescence. Chemistry - A European Journal, 2016, 22, 11170-11175.	3.3	37
66	Effects of Large Halides on the Structures of Lanthanide(III) and Plutonium(III) Borates. Inorganic Chemistry, 2012, 51, 7859-7866.	4.0	36
67	Experimental and Theoretical Comparison of Transition-Metal and Actinide Tetravalent Schiff Base Coordination Complexes. Inorganic Chemistry, 2018, 57, 15389-15398.	4.0	36
68	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
69	Compression of curium pyrrolidine-dithiocarbamate enhances covalency. Nature, 2020, 583, 396-399.	27.8	34
70	Comparisons of Pu(IV) and Ce(IV) Diphosphonates. Inorganic Chemistry, 2010, 49, 3337-3342.	4.0	33
71	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
72	Origin of Selectivity of a Triazinyl Ligand for Americium(III) over Neodymium(III). Chemistry - A European Journal, 2019, 25, 3248-3252.	3.3	33

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73	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
74	High Structural Complexity of Potassium Uranyl Borates Derived from High-Temperature/High-Pressure Reactions. Inorganic Chemistry, 2013, 52, 5110-5118.	4.0	32
75	Spontaneous Partitioning of Californium from Curium: Curious Cases from the Crystallization of Curium Coordination Complexes. Inorganic Chemistry, 2015, 54, 11399-11404.	4.0	32
76	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
77	Emergence of Uranium as a Distinct Metal Center for Building Intrinsic Xâ€ray Scintillators. Angewandte Chemie, 2018, 130, 8009-8013.	2.0	32
78	Facile and Efficient Decontamination of Thorium from Rare Earths Based on Selective Selenite Crystallization. Inorganic Chemistry, 2018, 57, 1880-1887.	4.0	32
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	Cerium(IV) Tellurite Halides [Ce₂Te₇O₁₇]X₂ (X =) Tj ETQq0 0 0 rgBT /Overlock 10 T Chemistry, 2012, 51, 10083-10085.	4.0	30
81	Isolation of Intermediate-Valent Ce(III)/Ce(IV) Hydrolysis Products in the Preparation of Cerium Iodates:Â Electronic and Structural Aspects of Ce2(IO3)6(OHx) (xâ‰ˆ 0 and 0.44). Chemistry of Materials, 2004, 16, 1343-1349.	6.7	29
82	Soft-donor dipicolinamide derivatives for selective actinide(<scp>iii</scp>)/lanthanide(<scp>iii</scp>) separation: the role of S- <i>vs.</i> O-donor sites. Chemical Communications, 2019, 55, 2441-2444.	4.1	29
83	[Am(C₅Me₄H)₃]: An Organometallic Americium Complex. Angewandte Chemie - International Edition, 2019, 58, 11695-11699.	13.8	29
84	Hydrothermal synthesis and crystal chemistry of the new strontium uranyl selenites, Sr[(UO2)3(SeO3)2O2]â€¢4H2O and Sr[UO2(SeO3)2]. American Mineralogist, 2004, 89, 976-980.	1.9	28
85	Critical Role of Water Content in the Formation and Reactivity of Uranium, Neptunium, and Plutonium Iodates under Hydrothermal Conditions:â€‰ Implications for the Oxidative Dissolution of Spent Nuclear Fuel. Inorganic Chemistry, 2007, 46, 3663-3668.	4.0	28
86	Incipient class II mixed valency in a plutonium solid-state compound. Nature Chemistry, 2017, 9, 856-861.	13.6	28
87	Unusual Coordination for Plutonium(IV), Cerium(IV), and Zirconium(IV) in the Cationic Layered Materials [M2Te4O11]X2 (M = Pu, Ce, Zr; X = Cl, Br). Inorganic Chemistry, 2012, 51, 11949-11954.	4.0	27
88	From Order to Disorder and Back Again: In Situ Hydrothermal Redox Reactions of Uranium Phosphites and Phosphates. Inorganic Chemistry, 2013, 52, 965-973.	4.0	27
89	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.	4.3	27
90	Porous Uranyl Borophosphates with Unique Three-Dimensional Open-Framework Structures. Inorganic Chemistry, 2017, 56, 9311-9320.	4.0	27

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91	Intercalation of Iodic Acid into the Layered Uranyl Iodate, UO2(IO3)2(H2O). Inorganic Chemistry, 2007, 46, 346-347.	4.0	26
92	Complex clover cross-sectioned nanotubules exist in the structure of the first uranium borate phosphate. Chemical Communications, 2012, 48, 3479.	4.1	25
93	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
94	Unfolding the physics of URu2Si2 through silicon to phosphorus substitution. Nature Communications, 2016, 7, 10712.	12.8	25
95	Electronic Structure and Properties of Berkelium Iodates. Journal of the American Chemical Society, 2017, 139, 13361-13375.	13.7	25
96	Synthesis, Spectroscopy, and Theoretical Details of Uranyl Schiff-Base Coordination Complexes. Inorganic Chemistry, 2020, 59, 23-31.	4.0	25
97	Isolation and characterization of a californium metallocene. Nature, 2021, 599, 421-424.	27.8	25
98	USING PHOSPHONATES TO PROBE STRUCTURAL DIFFERENCES BETWEEN TRANSURANIUM ELEMENTS AND THEIR PROPOSED SURROGATES. Comments on Inorganic Chemistry, 2010, 31, 46-62.	5.2	23
99	Alkynes as Linchpins for the Additive Annulation of Biphenyls: Convergent Construction of Functionalized Fused Helicenes. Angewandte Chemie, 2016, 128, 12233-12237.	2.0	23
100	Atypical temperature-dependence of symmetry transformation observed in a uranyl phosphonate. Dalton Transactions, 2016, 45, 9031-9035.	3.3	23
101	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
102	Conversion of Americia to Anhydrous Trivalent Americium Halides. Organometallics, 2019, 38, 606-609.	2.3	23
103	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. Inorganic Chemistry, 2020, 59, 13301-13314.	4.0	23
104	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
105	Synthesis of Divalent Europium Borate via in Situ Reductive Techniques. Inorganic Chemistry, 2013, 52, 8099-8105.	4.0	22
106	Examination of Structure and Bonding in 10-Coordinate Europium and Americium Terpyridyl Complexes. Inorganic Chemistry, 2018, 57, 12969-12975.	4.0	22
107	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
108	Organically Templated Zirconium Fluorides: Hydrothermal Syntheses, Structural Relationships, and Thermal Behavior of (C2H10N2)Zr2F10Â·H2O and (C4H12N2)ZrF6Â·H2O. Journal of Solid State Chemistry, 2001, 159, 198-203.	2.9	21

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109	Magnetism and Raman spectroscopy of the dimeric lanthanide iodates Ln(IO3)3 (Ln=Gd, Er) and magnetism of Yb(IO3)3. Journal of Solid State Chemistry, 2008, 181, 1867-1875.	2.9	21
110	Facile Routes to Th^{IV}, U^{IV}, and Np^{IV} Phosphites and Phosphates. European Journal of Inorganic Chemistry, 2011, 2011, 3749-3754.	2.0	21
111	New Neptunium(V) Borates That Exhibit the Alexandrite Effect. Inorganic Chemistry, 2012, 51, 7-9.	4.0	21
112	Syntheses, Structures, and Comparisons of Thallium Uranium Phosphites, Mixed Phosphate-Phosphites, and Phosphate. Crystal Growth and Design, 2013, 13, 1721-1729.	3.0	21
113	Further Evidence for the Stabilization of U(V) within a Tetraoxo Core. Inorganic Chemistry, 2014, 53, 5294-5299.	4.0	21
114	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
115	Systematic Investigation of the <i>in Situ</i> 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
116	Syntheses, structures, and vibrational spectroscopy of the two-dimensional iodates Ln(IO3)3 and Ln(IO3)3(H2O) (LnYb, Lu). Journal of Solid State Chemistry, 2006, 179, 3653-3663.	2.9	20
117	Cationâ€"Cation Interactions between Neptunyl(VI) Units. Inorganic Chemistry, 2012, 51, 7016-7018.	4.0	20
118	Thermochromism, the Alexandrite Effect, and Dynamic Jahnâ€"Teller Distortions in Ho₂Cu(TeO₃)₂(SO₄)₂. Inorganic Chemistry, 2013, 52, 13278-13281.	4.0	20
119	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
120	Possible devil's staircase in the Kondo lattice CeSbSe. Physical Review B, 2017, 96, .	3.2	20
121	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
122	Why Is Uranyl Formohydroxamate Red?. Inorganic Chemistry, 2015, 54, 5280-5284.	4.0	19
123	Hydrolytically Stable Nanoporous Thorium Mixed Phosphite and Pyrophosphate Framework Generated from Redox-Active Ionothermal Reactions. Inorganic Chemistry, 2016, 55, 3721-3723.	4.0	19
124	Electrochemical Studies of Selected Lanthanide and Californium Cryptates. Inorganic Chemistry, 2019, 58, 9602-9612.	4.0	19
125	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
126	Using Redox-Active Ligands to Generate Actinide Ligand Radical Species. Inorganic Chemistry, 2021, 60, 15242-15252.	4.0	19

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127	Monomers, Dimers, and Helices: Complexities of Cerium and Plutonium Phenanthrolinecarboxylates. Inorganic Chemistry, 2016, 55, 4373-4380.	4.0	17
128	Hydrothermal Preparation of Nickel(II)/Uranium(IV) Fluorides with One-, Two-, and Three-Dimensional Topologies. Inorganic Chemistry, 2003, 42, 2628-2633.	4.0	16
129	Effect of pH and Reaction Time on the Structures of Early Lanthanide(III) Borate Perchlorates. Inorganic Chemistry, 2012, 51, 11541-11548.	4.0	16
130	Dimensional and Coordination Number Reductions in a Large Family of Lanthanide Tellurite Sulfates. Inorganic Chemistry, 2014, 53, 8555-8564.	4.0	16
131	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
132	Insertion of Trivalent Lanthanides into Uranyl Vanadate Layers and Frameworks. Inorganic Chemistry, 2015, 54, 8449-8455.	4.0	16
133	Actinide Chemistry at the Extreme. Inorganic Chemistry, 2019, 58, 1721-1723.	4.0	16
134	[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
135	[Am(C 5 Me 4 H) 3]: An Organometallic Americium Complex. Angewandte Chemie, 2019, 131, 11821-11825.	2.0	16
136	Pronounced Pressure Dependence of Electronic Transitions for Americium Compared to Isomorphous Neodymium and Samarium Mellitates. Inorganic Chemistry, 2021, 60, 476-483.	4.0	16
137	Understanding the Stabilization and Tunability of Divalent Europium 2.2.2B Cryptates. Inorganic Chemistry, 2021, 60, 7815-7826.	4.0	16
138	Divergent Structural Chemistry of Uranyl Borates Obtained from Solid State and Hydrothermal Conditions. Crystal Growth and Design, 2017, 17, 5898-5907.	3.0	15
139	Synthesis and Study of the First Zeolitic Uranium Borate. Crystal Growth and Design, 2018, 18, 498-505.	3.0	15
140	Syntheses, structures, magnetism, and optical properties of gadolinium scandium chalcogenides. Journal of Solid State Chemistry, 2009, 182, 1075-1081.	2.9	14
141	Directed evolution of the periodic table: probing the electronic structure of late actinides. Dalton Transactions, 2017, 46, 9316-9333.	3.3	14
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143	Molecular and Electronic Structure, and Hydrolytic Reactivity of a Samarium(II) Crown Ether Complex. Inorganic Chemistry, 2019, 58, 3457-3465.	4.0	14
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