

# Clusters of Actinides with Oxide, Peroxide, or Hydroxid

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis and Structural Characterization of Hydrolysis Products within the Uranyl Iminodiacetate and Malate Systems. <i>Inorganic Chemistry</i> , 2013, 52, 10191-10198.	1.9	21
2	Syntheses and Structures of a Series of Uranyl Phosphonates and Sulfonates: An Insight into Their Correlations and Discrepancies. <i>Inorganic Chemistry</i> , 2013, 52, 2736-2743.	1.9	72
3	Chemical equilibria in the $\text{UO}_2 + \text{H}_2\text{O}_2 + \text{F}^- / \text{OH}^-$ systems and possible solution precursors for the formation of $[\text{Na}_6(\text{OH}_2)_8]@[\text{UO}_2(\text{O}_2)\text{F}]_{24}18^+$ and $[\text{Na}_6(\text{OH}_2)_8]@[\text{UO}_2(\text{O}_2)\text{OH}]_{24}18^+$ clusters. <i>Dalton Transactions</i> , 2013, 42, 10129.	1.6	12
4	Recent developments in actinide ligand multiple bonding. <i>Chemical Communications</i> , 2013, 49, 2956.	2.2	277
5	Two Systems of $[\text{DabcoH}_2]_2+ / [\text{PipH}_2]_2+$ Uranyl Oxalate Showing Reversible Crystal-to-Crystal Transformations Controlled by the Diammonium/Uranyl/Oxalate Ratios in Aqueous Solutions ( $[\text{DabcoH}_2]_2+ = 1,4\text{-Diazabicyclo-[2.2.2]-octaneH}_2$ and $[\text{PipH}_2]_2+ = \text{PiperazineH}_2$ ). <i>Crystal Growth and Design</i> , 2013, 13, 2597-2606.	1.4	19
6	Hybrid Uranyl Arsonate Coordination Nanocages. <i>Inorganic Chemistry</i> , 2013, 52, 6245-6247.	1.9	14
7	Mixed Formate-Dicarboxylate Coordination Polymers with Tetravalent Uranium: Occurrence of Tetranuclear $\{\text{U}_{4}\text{O}_{4}\}$ and Hexanuclear $\{\text{U}_{6}\text{O}_{4}(\text{OH})_{4}\}$ Motifs. <i>Crystal Growth and Design</i> , 2013, 13, 3225-3231.	1.4	58
10	The Energy Landscape of Uranyl Peroxide Species. <i>Chemistry - A European Journal</i> , 2014, 20, 3646-3651.	1.7	22
11	Expanding the Crystal Chemistry of Uranyl Peroxides: Four Hybrid Uranyl-Peroxide Structures Containing EDTA. <i>Inorganic Chemistry</i> , 2014, 53, 12084-12091.	1.9	22
12	Hybrid Uranium Transition-Metal Oxide Cage Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 12877-12884.	1.9	28
13	The First Family of Actinide Carboxyphosphinates: Two- and Three-Dimensional Uranyl Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5378-5384.	1.0	24
14	How Counterions Affect the Solution Structure of Polyoxoaurates: Insights from UV/Vis Spectral Simulations and Electrospray Mass Spectrometry. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3771-3778.	1.0	12
15	Solid State Dynamics of Uranyl Polyoxometalates. <i>Chemistry - A European Journal</i> , 2014, 20, 8302-8307.	1.7	23
16	Photocatalytic Application of 4f-5f Inorganic-Organic Frameworks: Influence of Lanthanide Contraction on the Structure and Functional Properties of a Series of Uranyl Lanthanide Complexes. <i>ChemPlusChem</i> , 2014, 79, 1304-1315.	1.3	32
17	A Rare Tetranuclear Thorium(IV) $\frac{1}{4}\text{U}_4\text{O}_4$ Oxo Cluster and Dinuclear Thorium(IV) Complex Assembled by Carbon-Oxygen Bond Activation of 1,2-Dimethoxyethane (DME). <i>Chemistry - A European Journal</i> , 2014, 20, 16846-16852.	1.7	16
18	Extraction of uranyl peroxo clusters from aqueous solution by mesoporous silica SBA-15. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 303, 2257.	0.7	2
19	Actinide oxalates, solid state structures and applications. <i>Coordination Chemistry Reviews</i> , 2014, 266-267, 28-68.	9.5	112
20	The crystal chemistry of uranium carboxylates. <i>Coordination Chemistry Reviews</i> , 2014, 266-267, 69-109.	9.5	336

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21	Uranyl "water-containing complexes: solid-state UV-MALDI mass spectrometric and IR spectroscopic approach for selective quantitation. Environmental Science and Pollution Research, 2014, 21, 1548-1563.	2.7	6
22	Redox and environmentally relevant aspects of actinide(IV) coordination chemistry. Coordination Chemistry Reviews, 2014, 266-267, 171-193.	9.5	81
23	Raman Spectroscopic and ESI-MS Characterization of Uranyl Peroxide Cage Clusters. Inorganic Chemistry, 2014, 53, 1562-1569.	1.9	52
24	Uranium minerals and their relevance to long term storage of nuclear fuels. Coordination Chemistry Reviews, 2014, 266-267, 123-136.	9.5	81
25	Which Inorganic Structures are the Most Complex?. Angewandte Chemie - International Edition, 2014, 53, 654-661.	7.2	172
26	Syntheses, Structures, Luminescence, and Photocatalytic Properties of a Series of Uranyl Coordination Polymers. Crystal Growth and Design, 2014, 14, 5904-5911.	1.4	44
27	Novel [(UO <sub>2</sub> )O <sub>6</sub> (NO <sub>3</sub> ) <sub>n</sub> ] (n = 1, 2) based units in organically templated uranyl compounds. Inorganic Chemistry Communication, 2014, 50, 4-7.	1.8	9
28	Uranyl "Peroxide Nanocapsules in Aqueous Solution: Force Field Development and First Applications. Journal of Physical Chemistry C, 2014, 118, 24730-24740.	1.5	22
29	Water-soluble multi-cage super tetrahedral uranyl peroxide phosphate clusters. Chemical Science, 2014, 5, 303-310.	3.7	48
30	Structure of a uranyl peroxo complex in aqueous solution from first-principles molecular dynamics simulations. Dalton Transactions, 2014, 43, 11129-11137.	1.6	6
31	Photochemical Water Oxidation and Origin of Nonaqueous Uranyl Peroxide Complexes. Journal of the American Chemical Society, 2014, 136, 4797-4800.	6.6	43
32	Uranyl Ion Complexes with all- <i>cis</i> -1,3,5-Cyclohexanetricarboxylate: Unexpected Framework and Nanotubular Assemblies. Crystal Growth and Design, 2014, 14, 4214-4225.	1.4	52
33	Increasing Complexity in the Uranyl Ion "Kemp"™s Triacid System: From One- and Two-Dimensional Polymers to Uranyl "Copper(II) Dodeca- and Hexadecanuclear Species. Crystal Growth and Design, 2014, 14, 2665-2676.	1.4	47
34	Ultrafiltration of Uranyl Peroxide Nanoclusters for the Separation of Uranium from Aqueous Solution. ACS Applied Materials & Interfaces, 2014, 6, 473-479.	4.0	49
36	Organothorium complexes containing terminal metal-ligand multiple bonds. Science China Chemistry, 2014, 57, 1064-1072.	4.2	43
37	Elucidating Self-Assembly Mechanisms of Uranyl "Peroxide Capsules from Monomers. Inorganic Chemistry, 2014, 53, 10506-10513.	1.9	30
38	A Highly Adjustable Coordination System: Nanotubular and Molecular Cage Species in Uranyl Ion Complexes with Kemp"™s Triacid. Crystal Growth and Design, 2014, 14, 901-904.	1.4	48
39	Isolation of a series of uranium organophosphinates. CrystEngComm, 2014, 16, 8073-8080.	1.3	9

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40	Evolution of Actinyl Peroxide Clusters $U_{28}$ in Dilute Electrolyte Solution: Exploring the Transition from Simple Ions to Macroionic Assemblies. <i>Chemistry - A European Journal</i> , 2014, 20, 1683-1690.	1.7	18
42	Synthesis, Structure, and Reactivity of a Tetranuclear Cerium(IV) Oxo Cluster Supported by the $K^+$ Tripodal Ligand $[Co(\text{I}-5\text{-C}_5\text{H}_5)\{P(O)(OEt)_2\}_3]^-$ . <i>Chemistry - A European Journal</i> , 2015, 21, 16126-16135.	1.7	30
44	The Renaissance of Non-Aqueous Uranium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8604-8641.	7.2	380
45	Structural chemistry of uranium phosphonates. <i>Coordination Chemistry Reviews</i> , 2015, 303, 86-109.	9.5	121
46	Alkali-metal ion coordination in uranyl poly-peroxo complexes in solution, inorganic analogues to crown-ethers. Part 2. Complex formation in the tetramethyl ammonium-, $Li^+$ -, $Na^+$ - and $K^+$ -uranyl peroxide-carbonate systems. <i>Dalton Transactions</i> , 2015, 44, 16565-16572.	1.6	8
47	Thorium Terephthalates Coordination Polymers Synthesized in Solvothermal DMF/ $H_2O$ System. <i>Inorganic Chemistry</i> , 2015, 54, 2235-2242.	1.9	123
48	Alkali-metal ion coordination in uranyl poly-peroxide complexes in solution. Part 1: the $Li^+$ -, $Na^+$ - and $K^+$ peroxide-hydroxide systems. <i>Dalton Transactions</i> , 2015, 44, 1549-1556.	1.6	13
49	Theoretical Studies on Hexanuclear Oxometalates $[M_6L_{19}]^{+q}$ ( $M = Cr, Mo, W, Sg, Nd, U$ ). Electronic Structures, Oxidation States, Aromaticity, and Stability. <i>Inorganic Chemistry</i> , 2015, 54, 7171-7180.	1.9	24
50	Adsorption of uranyl on hydroxylated $\text{SiO}_2(001)$ : a first-principle study. <i>Dalton Transactions</i> , 2015, 44, 1646-1654.	1.6	23
51	New thorium arsonates with a $[Th_8O_{13}]^{6+}$ octanuclear core. <i>Dalton Transactions</i> , 2015, 44, 13573-13580.	1.6	11
52	Heterometallic zinc uranium oxyfluorides incorporating imidazole ligands. <i>Chinese Chemical Letters</i> , 2015, 26, 641-645.	4.8	3
53	Unexpected Actinyl Cation-Directed Structural Variation in Neptunyl(VI) A-Type Tri-lacunary Heteropolyoxotungstate Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4192-4199.	1.9	14
54	Uranyl peroxide clusters stabilized by dicarboxylate ligands: A pentagonal ring and a dimer with extensive uranyl cation interactions. <i>Polyhedron</i> , 2015, 92, 99-104.	1.0	9
55	Cation Templating and Electronic Structure Effects in Uranyl Cage Clusters Probed by the Isolation of Peroxide-Bridged Uranyl Dimers. <i>Inorganic Chemistry</i> , 2015, 54, 4445-4455.	1.9	44
56	Uranyl-Promoted Peroxide Generation: Synthesis and Characterization of Three Uranyl Peroxo $[(UO_2)_2(O_2)]$ Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4208-4221.	1.9	36
57	Hybrid uranyl-vanadium nano-wheels. <i>Chemical Communications</i> , 2015, 51, 10134-10137.	2.2	31
58	Inducing magnetic communication in caged dinuclear $Co_{ii}$ systems. <i>Dalton Transactions</i> , 2015, 44, 8649-8659.	1.6	15
59	The $[U_2(\text{I}^4\text{-S}_2)_2Cl_8]^{4-}$ Anion: Synthesis and Characterization of the Uranium Double Salt $Cs_5[U_2(\text{I}^4\text{-S}_2)_2Cl_8]I$ . <i>Inorganic Chemistry</i> , 2015, 54, 3055-3060.	1.9	4

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60	Umbellate Distortions of the Uranyl Coordination Environment Result in a Stable and Porous Polycatenated Framework That Can Effectively Remove Cesium from Aqueous Solutions. <i>Journal of the American Chemical Society</i> , 2015, 137, 6144-6147.	6.6	392
61	Gas-Phase Reactions of Molecular Oxygen with Uranyl(V) Anionic Complexes—Synthesis and Characterization of New Superoxides of Uranyl(VI). <i>Journal of Physical Chemistry A</i> , 2015, 119, 3628-3635.	1.1	23
62	Design and synthesis of a chiral uranium-based microporous metal organic framework with high SHG efficiency and sequestration potential for low-valent actinides. <i>Dalton Transactions</i> , 2015, 44, 18810-18814.	1.6	49
63	Uranyl Carboxyphosphonates Derived from Hydrothermal in Situ Ligand Reaction: Syntheses, Structures, and Computational Investigations. <i>Inorganic Chemistry</i> , 2015, 54, 8617-8624.	1.9	24
64	Multifunctional Uranyl Hybrid Materials: Structural Diversities as a Function of pH, Luminescence with Potential Nitrobenzene Sensing, and Photoelectric Behavior as <i>p</i> -type Semiconductors. <i>Inorganic Chemistry</i> , 2015, 54, 9046-9059.	1.9	54
65	A New Form of Triple-Stranded Helicate Found in Uranyl Complexes of Aliphatic $\alpha,\omega$ -Dicarboxylates. <i>Inorganic Chemistry</i> , 2015, 54, 10539-10541.	1.9	31
66	Self-Assembly of Uranyl Peroxide Nanocapsules in Basic Peroxidic Environments. <i>Chemistry - A European Journal</i> , 2016, 22, 8571-8578.	1.7	32
67	Dynamic Phosphonic Bridges in Aqueous Uranyl Clusters. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 797-801.	1.0	8
68	Cation-Dependent Hierarchical Assembly of U <sub>60</sub> Nanoclusters into Blackberries Imaged via Cryogenic Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2016, 22, 1468-1469.	0.2	1
69	Experimental measurements of U <sub>24</sub> Py nanocluster behavior in aqueous solution. <i>Radiochimica Acta</i> , 2016, 104, 853-864.	0.5	2
70	A Revised and Expanded Structure Hierarchy of Natural and Synthetic Hexavalent Uranium Compounds. <i>Canadian Mineralogist</i> , 2016, 54, 177-283.	0.3	136
71	Extraction behaviors of uranyl peroxo cage clusters by mesoporous silica SBA-15. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 453-462.	0.7	4
72	Processing used nuclear fuel with nanoscale control of uranium and ultrafiltration. <i>Journal of Nuclear Materials</i> , 2016, 473, 125-130.	1.3	30
73	Anchoring flexible uranyl dicarboxylate chains through stacking interactions of ancillary ligands on chiral U( <i>vi</i> ) centres. <i>CrystEngComm</i> , 2016, 18, 3905-3918.	1.3	36
74	Binding of oxime group to uranyl ion. <i>Dalton Transactions</i> , 2016, 45, 9307-9319.	1.6	29
75	First Evidence of a Water-Soluble Plutonium(IV) Hexanuclear Cluster. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3536-3540.	1.0	26
76	Isolation of a Star-Shaped Uranium(V/VI) Cluster from the Anaerobic Photochemical Reduction of Uranyl(VI). <i>Angewandte Chemie</i> , 2016, 128, 14537-14541.	1.6	8
77	Isolation of a Star-Shaped Uranium(V/VI) Cluster from the Anaerobic Photochemical Reduction of Uranyl(VI). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14325-14329.	7.2	25

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78	Closing Uranyl Polyoxometalate Capsules with Bismuth and Lead Polyoxocations. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13480-13484.	7.2	30
79	Copper/Zinc-Directed Heterometallic Uranyl-Organic Polycatenating Frameworks: Synthesis, Characterization, and Anion-Dependent Structural Regulation. <i>Inorganic Chemistry</i> , 2016, 55, 10125-10134.	1.9	23
80	Series of Hydrated Heterometallic Uranyl-Cobalt(II) Coordination Polymers with Aromatic Polycarboxylate Ligands: Formation of U <sup>VI</sup> -Co Bonding upon Dehydration Process. <i>Inorganic Chemistry</i> , 2016, 55, 10453-10466.	1.9	23
81	Polyoxometalates and Other Metal-Oxo Clusters in Nature. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-5.	0.1	0
82	Oxyhydroxy Silicate Colloids: A New Type of Waterborne Actinide(IV) Colloids. <i>ChemistryOpen</i> , 2016, 5, 174-182.	0.9	14
83	The Key Role of U <sup>VI</sup> in the Aqueous Self-Assembly of Uranyl Peroxide Nanocages. <i>Chemistry - A European Journal</i> , 2016, 22, 14678-14687.	1.7	46
84	Two actinide-organic frameworks constructed by a tripodal flexible ligand: Occurrence of infinite {(UO <sub>2</sub> )O <sub>2</sub> (OH) <sub>3</sub> } <sub>4n</sub> and hexanuclear {Th <sub>6</sub> O <sub>4</sub> (OH) <sub>4</sub> } motifs. <i>Journal of Solid State Chemistry</i> , 2016, 243, 50-56.	1.4	10
85	Time-Resolved X-ray Scattering and Raman Spectroscopic Studies of Formation of a Uranium-Vanadium-Phosphorus-Peroxide Cage Cluster. <i>Inorganic Chemistry</i> , 2016, 55, 7061-7067.	1.9	22
86	Oxo Clusters of 5f Elements. <i>Structure and Bonding</i> , 2016, , 121-153.	1.0	20
87	Hydrolysis of thorium(IV) at variable temperatures. <i>Dalton Transactions</i> , 2016, 45, 12763-12771.	1.6	12
88	Insight into the Uranyl Oxyfluoride Topologies through the Synthesis, Crystal Structure, and Evidence of a New Oxyfluoride Layer in [(UO <sub>2</sub> ) <sub>4</sub> F <sub>13</sub> ][Sr <sub>3</sub> (H <sub>2</sub> O) <sub>8</sub> ](NO <sub>3</sub> ) <sub>4</sub> ·H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2016, 55, 12185-12192.	1.9	4
89	Closing Uranyl Polyoxometalate Capsules with Bismuth and Lead Polyoxocations. <i>Angewandte Chemie</i> , 2016, 128, 13678-13682.	1.6	10
90	A Highly Stable 3D Luminescent Indium <sup>III</sup> -Polycarboxylic Framework for the Turn-off Detection of UO <sub>2</sub> <sup>2+</sup> , Ru <sup>3+</sup> , and Biomolecule Thiamines. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28718-28726.	4.0	50
91	Modulation of the Structure and Properties of Uranyl Ion Coordination Polymers Derived from 1,3,5-Benzenetriacetate by Incorporation of Ag(I) or Pb(II). <i>Inorganic Chemistry</i> , 2016, 55, 6799-6816.	1.9	42
92	Solution <sup>31</sup> P NMR Study of the Acid-Catalyzed Formation of a Highly Charged {U <sub>24</sub> Pp <sub>12</sub> } Nanocluster, [(UO <sub>2</sub> ) <sub>2</sub> ] <sub>24</sub> (O <sub>2</sub> ) <sub>24</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>12</sub> ] <sup>48-</sup> and Its Structural Characterization in the Solid State Using Single-Crystal Neutron Diffraction. <i>Journal of the American Chemical Society</i> , 2016, 138, 8547-8553.	1.9	18
93	Structure and Reactivity of X-ray Amorphous Uranyl Peroxide, U <sub>2</sub> O <sub>7</sub> . <i>Inorganic Chemistry</i> , 2016, 55, 3541-3546.	1.9	50
94	Hybrid Lanthanide <sup>III</sup> -Actinide Peroxide Cage Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 2682-2684.	1.9	15
95	Structural Variations of the First Family of Heterometallic Uranyl Carboxyphosphinate Assemblies by Synergy between Carboxyphosphinate and Imidazole Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 2011-2018.	1.4	19

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96	Neodymium uranyl peroxide synthesis by ion exchange on ammonium uranyl peroxide nanoclusters. <i>Chemical Communications</i> , 2016, 52, 3947-3950.	2.2	19
97	Structure and Solution Speciation of U <sup>IV</sup> Linked Phosphomolybdate (Mo <sup>V</sup> ) Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 755-761.	1.9	14
98	Cation-Dependent Hierarchical Assembly of U6O Nanoclusters into Macro-Ion Assemblies Imaged via Cryogenic Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2016, 138, 191-198.	6.6	35
99	Role of Ammonium Ions in the Formation of Ammonium Uranyl Peroxides and Uranyl Peroxo-oxalates. <i>Crystal Growth and Design</i> , 2016, 16, 200-209.	1.4	16
100	Environmental modeling of uranium interstitial compositions of non-stoichiometric oxides: experimental and theoretical analysis. <i>Environmental Geochemistry and Health</i> , 2016, 38, 1051-1066.	1.8	3
102	Coordination Polymers and Cage-Containing Frameworks in Uranyl Ion Complexes with <i>rac</i> - and (1 <i>R</i> ,2 <i>R</i> )- <i>trans</i> -1,2-Cyclohexanedicarboxylates: Consequences of Chirality. <i>Inorganic Chemistry</i> , 2017, 56, 1455-1469.	1.9	37
103	Sulfate-Centered Sodium-Icosahedron-Templated Uranyl Peroxide Phosphate Cages with Uranyl Bridged by $\frac{1}{4}\mu^2$ - $\mu^2$ Peroxide. <i>Inorganic Chemistry</i> , 2017, 56, 1874-1880.	1.9	16
104	Insights into the structure and thermal stability of uranyl aluminate nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 1160-1167.	1.4	1
105	Computationally-Guided Assignment of Unexpected Signals in the Raman Spectra of Uranyl Triperoxide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 1574-1580.	1.9	35
106	Construction of Uranyl Organic Hybrids by Phosphonate and in Situ Generated Carboxyphosphonate Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 1669-1678.	1.9	34
107	Two uranyl heterocyclic carboxyl compounds with fluorescent properties as high sensitivity and selectivity optical detectors for nitroaromatics. <i>New Journal of Chemistry</i> , 2017, 41, 3073-3081.	1.4	11
108	Synthesis, Structures, and Proton Self-Exchange Reaction of $\frac{1}{4}\mu^3$ -Oxido/Hydroxido Bridged Trinuclear Uranyl(VI) Complexes with Tridentate Schiff-Base Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 4057-4064.	1.9	14
109	Coordination of Tetravalent Actinides (An=Th <sup>IV</sup> , U <sup>IV</sup> , Np <sup>IV</sup> ), Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 6864-6875.	1.7	52
110	Uranyl Peroxide Cage Cluster Solubility in Water and the Role of the Electrical Double Layer. <i>Inorganic Chemistry</i> , 2017, 56, 1333-1339.	1.9	27
111	Tetrahedral and Cuboidal Clusters in Complexes of Uranyl and Alkali or Alkaline-Earth Metal Ions with <i>rac</i> - and (1 <i>R</i> ,2 <i>R</i> )- <i>trans</i> -1,2-Cyclohexanedicarboxylate. <i>Crystal Growth and Design</i> , 2017, 17, 2881-2892.	1.4	28
112	Hierarchy of Pyrophosphate-Functionalized Uranyl Peroxide Nanocluster Synthesis. <i>Inorganic Chemistry</i> , 2017, 56, 5478-5487.	1.9	22
113	Morphotropy in alkaline uranyl methacrylate complexes. <i>Polyhedron</i> , 2017, 133, 40-47.	1.0	7
114	Dicyanoaurate-based heterobimetallic uranyl coordination polymers. <i>Dalton Transactions</i> , 2017, 46, 7169-7180.	1.6	12

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115	Small-angle X-ray scattering to determine solution speciation of metal-oxo clusters. <i>Coordination Chemistry Reviews</i> , 2017, 352, 461-472.	9.5	61
116	Supramolecular Structures Formation of Polyoxometalates in Solution Driven by Counterionâ€“Macroion Interaction. <i>Advances in Inorganic Chemistry</i> , 2017, , 29-65.	0.4	6
117	Synthesis, structure and bonding of actinide disulphide dications in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10685-10694.	1.3	7
118	Aqueous tantalum polyoxometalate reactivity with peroxide. <i>Dalton Transactions</i> , 2017, 46, 8486-8493.	1.6	16
119	Uranyl-Peroxide Clusters Incorporating Iron Trimers and Bridging by Bisphosphonate- and Carboxylate-Containing Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 3738-3741.	1.9	16
120	A Uranyl Peroxide Dimer in the Gas Phase. <i>Inorganic Chemistry</i> , 2017, 56, 4186-4196.	1.9	9
121	Understanding the Scarcity of Thorium Peroxide Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 12692-12694.	1.9	6
122	Molecular and Crystal Structures of Uranyl Nitrate Coordination Polymers with Double-Headed 2-Pyrrolidone Derivatives. <i>Inorganic Chemistry</i> , 2017, 56, 13530-13534.	1.9	14
123	Porous Uranium Diphosphonate Frameworks with Trinuclear Units Templated by Organic Ammonium Hydrolyzed from Amine Solvents. <i>Inorganic Chemistry</i> , 2017, 56, 13249-13256.	1.9	20
124	Recent advances in structural studies of heterometallic uranyl-containing coordination polymers and polynuclear closed species. <i>Dalton Transactions</i> , 2017, 46, 13660-13667.	1.6	84
125	Cationâ€“Directed Isomerization of the U 28 Uranylâ€“Peroxide Cluster. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5429-5433.	1.0	1
126	Network Dimensionality of Selected Uranyl(VI) Coordination Polymers and Octopus-like Uranium(IV) Clusters. <i>Crystal Growth and Design</i> , 2017, 17, 5568-5582.	1.4	16
127	The Propensity of Uranium-Peroxide Systems to Preserve Nanosized Assemblies. <i>Inorganic Chemistry</i> , 2017, 56, 9602-9608.	1.9	19
128	From aqueous speciation to supramolecular assembly in alkaline earth-uranyl polyoxometalates. <i>Chemical Communications</i> , 2017, 53, 9550-9553.	2.2	8
129	Uranyl peroxide nanoclusters at high-pressure. <i>Journal of Materials Research</i> , 2017, 32, 3679-3688.	1.2	7
130	[UO <sub>2</sub> Cl <sub>2</sub> (phen) <sub>2</sub> ], a Simple Uranium(VI) Compound with a Significantly Bent Uranyl Unit (phen=1,10â€“phenanthroline). <i>Chemistry - A European Journal</i> , 2017, 23, 13574-13578.	1.7	17
131	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and <sup>1</sup> H and <sup>7</sup> Li Dynamics of the Uranyl Peroxide Nanocluster U <sub>60</sub> . <i>Inorganic Chemistry</i> , 2017, 56, 9676-9683.	1.9	22
132	Structure and Bonding in Uranyl(VI) Peroxide and Crown Ether Complexes; Comparison of Quantum Chemical and Experimental Data. <i>Inorganic Chemistry</i> , 2017, 56, 15231-15240.	1.9	5



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133	Recent Development in Clusters of Rare Earths and Actinides: Chemistry and Materials. Structure and Bonding, 2017, , .	1.0	22
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