

A comprehensive comparison of transition-metal and a

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Dynamics of Uranyl Peroxide Nanocapsules. <i>Journal of the American Chemical Society</i> , 2012, 134, 20131-20138.	6.6	40
3	New Reactivity of the Uranyl(VI) Ion. <i>Chemistry - A European Journal</i> , 2012, 18, 16258-16271.	1.7	100
5	A Crown-Shaped 24-Molybdate Cluster Constructed by Organotriphosphonate Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 8285-8287.	1.9	46
6	New Mechanism for the Ring-Opening Polymerization of Lactones? Uranyl Aryloxide-Induced Intermolecular Catalysis. <i>Inorganic Chemistry</i> , 2013, 52, 9077-9086.	1.9	45
7	Time-Resolved Assembly of Chiral Uranyl Peroxo Cage Clusters Containing Belts of Polyhedra. <i>Inorganic Chemistry</i> , 2013, 52, 337-345.	1.9	33
8	Chemical equilibria in the $\text{UO}_2^{2+} \rightleftharpoons \text{H}_2\text{O}_2 \rightleftharpoons \text{F}^{\sim}/\text{OH}^{\sim}$ systems and possible solution precursors for the formation of $[\text{Na}_6(\text{OH}_2)_8]@[\text{UO}_2(\text{O}_2)\text{F}]_{24}18^{\sim}$ and $[\text{Na}_6(\text{OH}_2)_8]@[\text{UO}_2(\text{O}_2)\text{OH}]_{24}18^{\sim}$ clusters. <i>Dalton Transactions</i> , 2013, 42, 10129.	1.6	12
9	The actinides. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2013, 109, 221.	0.8	0
10	Cage clusters built from uranyl ions bridged through peroxo and 1-hydroxyethane-1,1-diphosphonic acid ligands. <i>Dalton Transactions</i> , 2013, 42, 6793.	1.6	25
11	The self-assembly of a macroion with anisotropic surface charge density distribution. <i>Chemical Communications</i> , 2013, 49, 609-611.	2.2	18
12	Self-assembly and photocatalytic property of germanoniobate $[\text{H}_6\text{Ge}_4\text{Nb}_{16}\text{O}_{56}]_{10}^{\sim}$: encapsulating four $\{\text{GeO}_4\}$ tetrahedra within a $\{\text{Nb}_{16}\}$ cage. <i>Dalton Transactions</i> , 2013, 42, 5812.	1.6	30
13	An ^{17}O NMR Study of Hydrolyzed Nb^{V} in Weakly Acidic and Basic Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1762-1771.	1.0	23
14	Recent developments in actinide-ligand multiple bonding. <i>Chemical Communications</i> , 2013, 49, 2956.	2.2	277
15	An inorganic-organic composite framework with an unprecedented 3D heterometallic inorganic connectivity and white-light emission. <i>Chemical Communications</i> , 2013, 49, 2231.	2.2	49
16	Hybrid Uranyl-Carboxyphosphonate Cage Clusters. <i>Inorganic Chemistry</i> , 2013, 52, 7673-7679.	1.9	24
17	Chromium, molybdenum and tungsten. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2013, 109, 119.	0.8	0
18	Redox-Controlled Helical Self-Assembly of a Polyoxometalate Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 8129-8135.	1.7	43
19	Use of Metalloligands $[\text{Cu}_2\text{L}]$ (H_2L = Salen Type Di-Schiff Bases) in the Formation of Heterobimetallic Copper(II)-Uranyl Complexes: Photophysical Investigations, Structural Variations, and Theoretical Calculations. <i>Inorganic Chemistry</i> , 2013, 52, 7508-7523.	1.9	79
20	Observing Assembly of Complex Inorganic Materials from Polyoxometalate Building Blocks. <i>Journal of the American Chemical Society</i> , 2013, 135, 16651-16657.	6.6	101

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21	Polyoxo Anions: Synthesis and Structure. , 2013, , .		5
22	Dynamics of a Nanometer-Sized Uranyl Cluster in Solution. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7464-7467.	7.2	30
24	Coordination Chemistry of Chromium ^{III} . , 2014, , .		1
25	The Energy Landscape of Uranyl Peroxide Species. <i>Chemistry - A European Journal</i> , 2014, 20, 3646-3651.	1.7	22
26	Hybrid Uranium-Transition-Metal Oxide Cage Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 12877-12884.	1.9	28
27	Solid-State Dynamics of Uranyl Polyoxometalates. <i>Chemistry - A European Journal</i> , 2014, 20, 8302-8307.	1.7	23
28	Actinide oxalates, solid state structures and applications. <i>Coordination Chemistry Reviews</i> , 2014, 266-267, 28-68.	9.5	112
29	Tri-lacunary polyoxometalates of Na ₈ H[PW ₉ O ₃₄] as heterogeneous Lewis base catalysts for Knoevenagel condensation, cyanosilylation and the synthesis of benzoxazole derivatives. <i>Applied Catalysis A: General</i> , 2014, 475, 140-146.	2.2	71
30	Uranyl Peroxide Nanocapsules in Aqueous Solution: Force Field Development and First Applications. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24730-24740.	1.5	22
31	Polyoxoniobate-based 3D framework materials with photocatalytic hydrogen evolution activity. <i>Chemical Communications</i> , 2014, 50, 6017.	2.2	124
32	The chloridomolybdenum(^{III}) cluster in [BMIm] ₄ [AgMo ₁₀ Cl ₃₅] with infinite chains of Ag ⁺ -linked [Mo ₁₀ Cl ₃₅] ⁵⁺ wheels. <i>Dalton Transactions</i> , 2014, 43, 14109.	1.6	4
33	Water-soluble multi-cage super tetrahedral uranyl peroxide phosphate clusters. <i>Chemical Science</i> , 2014, 5, 303-310.	3.7	48
34	Photochemical Water Oxidation and Origin of Nonaqueous Uranyl Peroxide Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 4797-4800.	6.6	43
35	Self-assembly and thermotropic liquid crystal properties of a hexavacant germanomolybdate: [Ge ₂ Mo ₁₆ O ₅₈] ₁₂ ⁶⁻ . <i>CrystEngComm</i> , 2014, 16, 6784.	1.3	4
36	Contrasting ion-association behaviour of Ta and Nb polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 15295-15299.	1.6	55
37	Controlling the Minimal Self Assembly of α -Complex-Polyoxometalate Clusters. <i>Journal of the American Chemical Society</i> , 2014, 136, 12753-12761.	6.6	50
38	The application of spontaneous flocculation for the preparation of lanthanide-containing polyoxometalates intercalated layered double hydroxides: highly efficient heterogeneous catalysts for cyanosilylation. <i>Applied Catalysis A: General</i> , 2014, 487, 172-180.	2.2	40
39	17O NMR chemical shifts in oxometalates: from the simplest monometallic species to mixed-metal polyoxometalates. <i>Chemical Science</i> , 2014, 5, 2031.	3.7	44

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41	Organothorium complexes containing terminal metal-ligand multiple bonds. <i>Science China Chemistry</i> , 2014, 57, 1064-1072.	4.2	43
42	Elucidating Self-Assembly Mechanisms of Uranyl Peroxide Capsules from Monomers. <i>Inorganic Chemistry</i> , 2014, 53, 10506-10513.	1.9	30
43	A direct anchoring of Anderson-type polyoxometalates in aqueous media with tripodal ligands especially containing the carboxyl group. <i>Dalton Transactions</i> , 2014, 43, 2722-2725.	1.6	36
44	Uranyl(VI) Complexes in and from Imidazolium Acetate Ionic Liquids: Carbenes versus Acetates?. <i>Inorganic Chemistry</i> , 2014, 53, 835-846.	1.9	32
45	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
46	Unprecedented High Nuclear Transition Metal Cluster Substituted Heteropolyoxoniobates: Synthesis by $\{V_8\}$ Ring Insertion into the POM Matrix and Antitumor Activities. <i>Chemistry - A European Journal</i> , 2014, 20, 2840-2848.	1.7	63
47	Label-free colorimetric detection of mercury via Hg^{2+} ions-accelerated structural transformation of nanoscale metal-oxo clusters. <i>Scientific Reports</i> , 2015, 5, 16316.	1.6	31
48	Self-Recognition Between Two Almost Identical Macroions During Their Assembly: The Effects of pH and Temperature. <i>Chemistry - A European Journal</i> , 2015, 21, 13234-13239.	1.7	7
49	Pyrene-Anderson-Modified CNTs as Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 18799-18804.	1.7	57
50	Selective Permeability of Uranyl Peroxide Nanocages to Different Alkali Ions: Influences from Surface Pores and Hydration Shells. <i>Chemistry - A European Journal</i> , 2015, 21, 18785-18790.	1.7	29
51	Coordination Chemistry of Polyoxovanadates as Inorganic Ligands. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2015, 66, 12-25.	0.1	3
52	Exploring the Effect of Surface Functionality on the Self-Assembly of Polyoxopalladate Macroions. <i>Chemistry - A European Journal</i> , 2015, 21, 9048-9052.	1.7	25
53	Steam-Assisted Synthesis of an Extra-Stable Polyoxometalate Encapsulating Metal Azolate Framework: Applications in Reagent Purification and Proton Conduction. <i>Chemistry - A European Journal</i> , 2015, 21, 13058-13064.	1.7	33
54	Classical Keggin Intercalated into Layered Double Hydroxides: Facile Preparation and Catalytic Efficiency in Knoevenagel Condensation Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 14862-14870.	1.7	58
55	Unexpected cis-dioxido uranyl carboxylate compound: Synthesis, characterization and photocatalytic activity of uranyl-succinate complexes. <i>Inorganic Chemistry Communication</i> , 2015, 59, 36-40.	1.8	15
56	Alkali-metal ion coordination in uranyl(VI) poly-peroxo complexes in solution, inorganic analogues to crown-ethers. Part 2. Complex formation in the tetramethyl ammonium-, Li^{+} -, Na^{+} - and K^{+} -uranyl(VI) peroxide-carbonate systems. <i>Dalton Transactions</i> , 2015, 44, 16565-16572.	1.6	8
57	Alkali-metal ion coordination in uranyl(VI) poly-peroxide complexes in solution. Part 1: the Li^{+} -, Na^{+} - and K^{+} -uranyl(VI) peroxide-hydroxide systems. <i>Dalton Transactions</i> , 2015, 44, 1549-1556.	1.6	13
58	Aqueous formation and manipulation of the iron-oxo Keggin ion. <i>Science</i> , 2015, 347, 1359-1362.	6.0	180

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59	Design of polystyrene latex particles covered with polyoxometalate clusters via multiple covalent bonding. <i>Chemical Communications</i> , 2015, 51, 6104-6107.	2.2	14
60	Isolation and characterization of the $[Ga_2Al_{18}O_8(OH)_{36}(H_2O)_{12}]^{8+}$ cluster: cationic variations on the Wells-Dawson topology. <i>Chemical Communications</i> , 2015, 51, 12467-12469.	2.2	11
61	Synthesis, crystal structure and properties of sandwich type compounds based on $\{AsW_9\}$ and a hexa-nuclear unit with three supporting TM-triazole complexes. <i>New Journal of Chemistry</i> , 2015, 39, 1139-1147.	1.4	10
62	Recent progress in polyoxoniobates decorated and stabilized via transition metal cations or clusters. <i>CrystEngComm</i> , 2015, 17, 6261-6268.	1.3	51
63	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
64	Experimental measurements of U60 nanocluster stability in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 156, 94-105.	1.6	19
65	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
66	Hybrid uranyl-vanadium nano-wheels. <i>Chemical Communications</i> , 2015, 51, 10134-10137.	2.2	31
67	Targeting LDH enzymes with a stiripentol analog to treat epilepsy. <i>Science</i> , 2015, 347, 1362-1367.	6.0	302
68	Mineralogy, materials science, energy, and environment: A 2015 perspective. <i>American Mineralogist</i> , 2015, 100, 674-680.	0.9	11
69	B_{12} - $[AsW_9O_{33}]^{9-}$ polyoxometalates incorporating hexanuclear uranium $\{U_6O_8\}$ -like clusters bearing the U^{IV} form or unprecedented mixed valence U^{IV}/U^{VI} involving direct $U^{VI}O-U^{IV}$ bonding. <i>Dalton Transactions</i> , 2015, 44, 19772-19776.	1.6	21
70	A double complex Cd(II) salt containing the Keggin polyoxoanion and the supramolecular cation of the [amide H amide] ⁺ type. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015, 41, 633-637.	0.3	4
71	Stabilization of Tetravalent 4f (Ce), 5d (Hf), or 5f (Th, U) Clusters by the $[SiW_9O_{34}]^{10-}$ Polyoxometalate. <i>Inorganic Chemistry</i> , 2015, 54, 8271-8280.	1.9	33
72	Polyoxometalates Hosted in Layered Double Hydroxides: Highly Enhanced Catalytic Activity and Selectivity in Sulfoxidation of Sulfides. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 9133-9141.	1.8	29
73	Temperature- and salt-responsive polyoxometalate-poly(N-isopropylacrylamide) hybrid macromolecules in aqueous solution. <i>Chemical Communications</i> , 2015, 51, 15982-15985.	2.2	16
74	Unconventional Dexter-Silverton Type Manganese Heteropolytungstate $[Mn_7(MnW_{12}O_{42}(OH)_4 \cdot 8H_2O)]$ Hollow Microsphere: Synthesis, Crystal Structure, Growth Mechanism, and Optical Property Study. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1536-1547.	1.5	14
75	Recent Progress in the Application of Polyoxometalates for Dye-sensitized/Organic Solar Cells. <i>Chinese Journal of Chemistry</i> , 2016, 34, 747-756.	2.6	32
76	Self-Assembly of Uranyl-Peroxide Nanocapsules in Basic Peroxidic Environments. <i>Chemistry - A European Journal</i> , 2016, 22, 8571-8578.	1.7	32

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77	Amphoteric Aqueous Hafnium Cluster Chemistry. <i>Angewandte Chemie</i> , 2016, 128, 6329-6332.	1.6	15
78	Amphoteric Aqueous Hafnium Cluster Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6221-6224.	7.2	32
79	Crystallizing Elusive Chromium Polycations. <i>CheM</i> , 2016, 1, 887-901.	5.8	30
80	Immobilization of polyoxometalates in crystalline solids for highly efficient heterogeneous catalysis. <i>Dalton Transactions</i> , 2016, 45, 10101-10112.	1.6	83
81	Binding of oxime group to uranyl ion. <i>Dalton Transactions</i> , 2016, 45, 9307-9319.	1.6	29
82	Influence of the pH on the Condensation of Tetravalent Cerium Cations in Association with $[\text{SiW}_9\text{O}_{34}]^{10-}$ Leading to the Formation of a $\text{Ce}_6\text{O}_4(\text{OH})_4$ Core. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5373-5379.	1.0	15
83	Closing Uranyl Polyoxometalate Capsules with Bismuth and Lead Polyoxocations. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13480-13484.	7.2	30
84	Giant Hollow Heterometallic Polyoxoniobates with Sodalite-Type Lanthanide-Tungsten-Oxide Cages: Discrete Nanoclusters and Extended Frameworks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13793-13797.	7.2	96
85	Giant Hollow Heterometallic Polyoxoniobates with Sodalite-Type Lanthanide-Tungsten-Oxide Cages: Discrete Nanoclusters and Extended Frameworks. <i>Angewandte Chemie</i> , 2016, 128, 13997-14001.	1.6	23
86	Distinctive Interactions of Cesium and Hexaniobate in Water. <i>ChemistrySelect</i> , 2016, 1, 1858-1862.	0.7	12
87	Polyoxometalates and Other Metal-Oxo Clusters in Nature. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-5.	0.1	0
88	Novel Uranyl Coordination Polymers Based on Quinoline-Containing Dicarboxylate by Altering Auxiliary Ligands: From 1D Chain to 3D Framework. <i>Crystal Growth and Design</i> , 2016, 16, 4886-4896.	1.4	27
89	A Ta/W mixed addenda heteropolyacid with excellent acid catalytic activity and proton-conducting property. <i>Journal of Solid State Chemistry</i> , 2016, 243, 1-7.	1.4	9
90	The Key Role of U_{28} in the Aqueous Self-Assembly of Uranyl Peroxide Nanocages. <i>Chemistry - A European Journal</i> , 2016, 22, 14678-14687.	1.7	46
91	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
92	Understanding of the major reactions in solution synthesis of functional nanomaterials. <i>Science China Materials</i> , 2016, 59, 938-996.	3.5	86
93	Ongoing Research Points to Key Role of Gut Microbes in Cardiovascular Health. <i>Circulation</i> , 2016, 134, 1687-1688.	1.6	5
94	Oxo Clusters of 5f Elements. <i>Structure and Bonding</i> , 2016, , 121-153.	1.0	20

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95	A new POMâ€“MOF hybrid microporous material with ultrahigh thermal stability and selective adsorption of organic dyes. <i>RSC Advances</i> , 2016, 6, 111549-111555.	1.7	27
96	Closing Uranyl Polyoxometalate Capsules with Bismuth and Lead Polyoxocations. <i>Angewandte Chemie</i> , 2016, 128, 13678-13682.	1.6	10
97	Chemical Stabilization and Electrochemical Destabilization of the Iron Keggin Ion in Water. <i>Inorganic Chemistry</i> , 2016, 55, 11078-11088.	1.9	39
98	Insight into Hydrogen Bonding of Uranyl Hydroxide Layers and Capsules by Use of ¹ H Magic-Angle Spinning NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10675-10685.	1.5	20
99	A rare polyniobotungstate-based framework and its structural transformation in a single-crystal-to-single-crystal process induced by iodide ions. <i>CrystEngComm</i> , 2016, 18, 1705-1708.	1.3	7
100	Polyoxometalate-based ionic liquids-promoted CO ₂ conversion. <i>Science China Chemistry</i> , 2016, 59, 507-516.	4.2	37
101	Hybrid Lanthanideâ€“Actinide Peroxide Cage Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 2682-2684.	1.9	15
102	Neodymium uranyl peroxide synthesis by ion exchange on ammonium uranyl peroxide nanoclusters. <i>Chemical Communications</i> , 2016, 52, 3947-3950.	2.2	19
103	Cation-mediated optical resolution and anticancer activity of chiral polyoxometalates built from entirely achiral building blocks. <i>Chemical Science</i> , 2016, 7, 4220-4229.	3.7	87
104	Structure and Solution Speciation of U ^{IV} Linked Phosphomolybdate (Mo ^V) Clusters. <i>Inorganic Chemistry</i> , 2016, 55, 755-761.	1.9	14
105	Cation-Dependent Hierarchical Assembly of U ₆₀ 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
106	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
107	Multifunctional Cu(II) organicâ€“inorganic hybrid as a catalyst for Knoevenagel condensation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 87-101.	0.8	9
108	Sulfate-Centered Sodium-Icosahedron-Templated Uranyl Peroxide Phosphate Cages with Uranyl Bridged by ¹ / ₄ â€“ ¹ / ₂ Peroxide. <i>Inorganic Chemistry</i> , 2017, 56, 1874-1880.	1.9	16
109	Lanthanide derivatives of Ta/W mixed-addendum POMs as proton-conducting materials. <i>Dalton Transactions</i> , 2017, 46, 4157-4160.	1.6	27
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	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
112	Zn-containing double complex salts formed by Keggin type polyoxotungstates: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 368-372.	0.3	2

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113	Supramolecular Structures Formation of Polyoxometalates in Solution Driven by Counterion-Macroion Interaction. <i>Advances in Inorganic Chemistry</i> , 2017, , 29-65.	0.4	6
114	Aqueous tantalum polyoxometalate reactivity with peroxide. <i>Dalton Transactions</i> , 2017, 46, 8486-8493.	1.6	16
115	Synthesis of a large dodecameric cerium cluster stabilized by the [SiW ₉ O ₃₄] ¹⁰⁻ polyoxometalate. <i>Inorganic Chemistry Communication</i> , 2017, 83, 52-54.	1.8	12
116	A novel naphthalenediimide-based lanthanide-organic framework with polyoxometalate templates exhibiting reversible photochromism. <i>Dalton Transactions</i> , 2017, 46, 4898-4901.	1.6	43
117	Electronic and relativistic contributions to ion-pairing in polyoxometalate model systems. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8715-8725.	1.3	23
118	Structure and Bonding Investigation of Plutonium Peroxocarbonate Complexes Using Cerium Surrogates and Electronic Structure Modeling. <i>Inorganic Chemistry</i> , 2017, 56, 791-801.	1.9	16
119	Self-organization towards complex multi-fold meso-helices in the structures of Wells-Dawson polyoxometalate-based hybrid materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3371-3376.	5.2	70
120	Solvent Dielectricity-Modulated Helical Assembly and Morphologic Transformation of Achiral Surfactant-Inorganic Cluster Ionic Complexes. <i>Langmuir</i> , 2017, 33, 12750-12758.	1.6	13
121	Interpenetrated Uranyl-Organic Frameworks with <i>hcb</i> and <i>hpt</i> Topology: Structure, Spectroscopy, and Computation. <i>Inorganic Chemistry</i> , 2017, 56, 14147-14156.	1.9	39
122	Design and synthesis of polyoxometalate-framework materials from cluster precursors. <i>Nature Reviews Materials</i> , 2017, 2, .	23.3	191
123	From aqueous speciation to supramolecular assembly in alkaline earth-uranyl polyoxometalates. <i>Chemical Communications</i> , 2017, 53, 9550-9553.	2.2	8
124	[UO ₂ Cl ₂ (phen) ₂], a Simple Uranium(VI) Compound with a Significantly Bent Uranyl Unit (phen=1,10-phenanthroline). <i>Chemistry - A European Journal</i> , 2017, 23, 13574-13578.	1.7	17
125	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and ¹ H and ⁷ Li Dynamics of the Uranyl Peroxide Nanocluster U ₆₀ . <i>Inorganic Chemistry</i> , 2017, 56, 9676-9683.	1.9	22
126	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
127	One-Pot Hydrothermal Synthesis of Tb ^{III} ₁₃ (GeO ₄) ₆ O ₇ (OH) and K ₂ Tb ^{IV} Ge ₂ O ₇ : Preparation of a Stable Terbium(4+) Complex. <i>Inorganic Chemistry</i> , 2017, 56, 6044-6047.	1.9	15
128	Novel Viologen Derivative Based Uranyl Coordination Polymers Featuring Photochromic Behaviors. <i>Chemistry - A European Journal</i> , 2017, 23, 18074-18083.	1.7	56
129	Polyoxometalate-Incorporated Metallapillararene/Metallacalixarene Metal-Organic Frameworks as Anode Materials for Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2017, 56, 8311-8318.	1.9	79
130	New organic-inorganic hybrid compounds based on [SiNb ₁₂ V ₂ O ₄₂] ¹²⁻ with high catalytic activity for styrene epoxidation. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1397-1404.	3.0	14

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131	Genotoxicity and acute and subchronic toxicity studies of a bioactive polyoxometalate in Wistar rats. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 26.	1.0	7
132	Solvent-Dependent Synthesis of Porous Anionic Uranyl-Organic Frameworks Featuring a Highly Symmetrical (3,4)-Connected <i>ctn</i> or <i>bor</i> Topology for Selective Dye Adsorption. <i>Chemistry - A European Journal</i> , 2017, 23, 529-532.	1.7	57
133	Recent Development in Clusters of Rare Earths and Actinides: Chemistry and Materials. <i>Structure and Bonding</i> , 2017, , .	1.0	22
134	Probing Crystallization Pathways in Group V Polyoxometalate Solutions. <i>Journal of Cluster Science</i> , 2017, 28, 813-823.	1.7	7
135	Harnessing uranyl oxo atoms via halogen bonding interactions in molecular uranyl materials featuring 2,5-diiodobenzoic acid and N-donor capping ligands. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 65-78.	3.0	34
136	Ewingite: Earth's most complex mineral. <i>Geology</i> , 2017, 45, 1007-1010.	2.0	28
137	Ion-Exchangeable Microporous Polyoxometalate Compounds with Off-Center Dopants Exhibiting Unconventional Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 9976-9982.	1.7	3
138	Resolving Confined ⁷ Li Dynamics of Uranyl Peroxide Capsule U ₂₄ . <i>Inorganic Chemistry</i> , 2018, 57, 5514-5525.	1.9	10
139	Semirigid Tripodal Ligand Based Uranyl Coordination Polymer Isomers Featuring 2D Honeycomb Nets. <i>Inorganic Chemistry</i> , 2018, 57, 4492-4501.	1.9	29
140	Dehydration of the Uranyl Peroxide Studtite, [UO ₂ (² -O ₂)(H ₂ O) ₂] ² ·2H ₂ O, Affords a Drastic Change in the Electronic Structure: A Combined X-ray Spectroscopic and Theoretical Analysis. <i>Inorganic Chemistry</i> , 2018, 57, 1735-1743.	1.9	31
141	Uranyl Peroxide Nanocluster (U ₆₀) Persistence and Sorption in the Presence of Hematite. <i>Environmental Science & Technology</i> , 2018, 52, 3304-3311.	4.6	15
142	Tuning of Polyoxopalladate Macroanionic Hydration Shell via Counteranion Interaction. <i>Chemistry - A European Journal</i> , 2018, 24, 3052-3057.	1.7	29
143	Measurement of the effective capacitance of solutions containing nanoscale uranyl peroxide cage clusters (U ₆₀) reveals cluster effects. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 341-346.	0.7	2
144	An organic-inorganic hybrid tetra-FeIII incorporated Krebs-sandwich-type tungstoantimonate decorated by pyridine carboxylic ligand. <i>Inorganic Chemistry Communication</i> , 2018, 91, 85-90.	1.8	4
145	Four new compounds based on Keggin polyoxotungstates and transition metal complexes. <i>Polyhedron</i> , 2018, 147, 42-48.	1.0	5
146	Assembly of Multifold Helical Polyoxometalate-Based Metal-Organic Frameworks as Anode Materials in Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2018, 57, 3865-3872.	1.9	46
147	Captivation with encapsulation: a dozen years of exploring uranyl peroxide capsules. <i>Dalton Transactions</i> , 2018, 47, 5916-5927.	1.6	76
148	Different behavior of Bi ³⁺ to [XW ₁₂ O ₄₀] ⁴⁻ (X = P, Si; n = 3, 4). <i>Polyhedron</i> , 2018, 141, 393-397.	1.0	5

#	ARTICLE	IF	CITATIONS
149	On the influence of the titanium source on the composition and structure of novel titanoniobates. Dalton Transactions, 2018, 47, 15103-15113.	1.6	14
151	Bottom-up synthesis of functionalized $\{Ce_4(SiW_9O_{34})_2(l)_2\}$ polyoxometalates. CrystEngComm, 2018, 20, 7144-7155.	1.3	6
152	Pyrophosphate and Methylenediphosphonate Incorporated Uranyl Peroxide Cage Clusters. Crystal Growth and Design, 2018, 18, 7720-7729.	1.4	8
153	Conformational 2-Fold Interpenetrated Uranyl Supramolecular Isomers Based on (6,3) Sheet Topology: Structure, Luminescence, and Ion Exchange. Inorganic Chemistry, 2018, 57, 15370-15378.	1.9	30
154	Thermochemical Measurements of Alkali Cation Association to Hexatantalate. Molecules, 2018, 23, 2441.	1.7	2
155	Charge Density Influence on Enthalpy of Formation of Uranyl Peroxide Cage Cluster Salts. Inorganic Chemistry, 2018, 57, 11456-11462.	1.9	19
156	Actinide-Based Porphyrinic MOF as a Dehydrogenation Catalyst. Chemistry - A European Journal, 2018, 24, 16766-16769.	1.7	37
157	$\{Nb_{288}O_{768}(OH)_{48}(CO_3)_{12}\}$: A Macromolecular Polyoxometalate with Close to 300 Niobium Atoms. Angewandte Chemie - International Edition, 2018, 57, 8572-8576.	7.2	131
158	$\{Nb_{288}O_{768}(OH)_{48}(CO_3)_{12}\}$: A Macromolecular Polyoxometalate with Close to 300 Niobium Atoms. Angewandte Chemie, 2018, 130, 8708-8712.	1.6	17
159	Synthesis, Crystal Structure, and Electrochemical Properties of One Polyoxometalate-Based Silver(I) Compound with Keggin-Type $[PW_{12}O_{40}]^{3-}$ Anions. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 466-472.	0.3	4
160	Solid State Chemistry of Ten-Fold Coordinate Thorium(IV) Complexes with Oxalates in the Presence of Ammonium and Hydrazinium Ions. Crystal Growth and Design, 2018, 18, 4593-4601.	1.4	7
161	Polyoxometalate-based materials for advanced electrochemical energy conversion and storage. Chemical Engineering Journal, 2018, 351, 441-461.	6.6	93
162	Structure and LIBs Anode Material Application of Novel Wells-Type Dawson Polyoxometalate-Based Metal Organic Frameworks with Different Helical Channels. Crystal Growth and Design, 2018, 18, 5564-5572.	1.4	19
163	Complexity of Uranyl Peroxide Cluster Speciation from Alkali-Directed Oxidative Dissolution of Uranium Dioxide. Inorganic Chemistry, 2018, 57, 9296-9305.	1.9	29
164	Paleoclimatology. Encyclopedia of Earth Sciences Series, 2018, , 1147-1160.	0.1	0
165	Complexation of tetravalent uranium cations by the As ₄ W ₄₀ O ₁₄₀ cryptand. CrystEngComm, 2018, 20, 5500-5509.	1.3	8
166	Intrinsic peroxidase-like activity and enhanced photo-Fenton reactivity of iron-substituted polyoxometalate nanostructures. Dalton Transactions, 2018, 47, 7344-7352.	1.6	39
167	Recent advances in the field of light-driven water oxidation catalyzed by transition-metal substituted polyoxometalates. Dalton Transactions, 2018, 47, 8180-8188.	1.6	56

#	ARTICLE	IF	CITATIONS
168	Controlling Fast Nucleation and Crystallization of Two New Polyoxoniobates. <i>Crystal Growth and Design</i> , 2018, 18, 4130-4139.	1.4	19
169	Supramolecular Assembly of Geometrically Unstable Hybrid Organic-Inorganic Uranyl Peroxide Cage Clusters and Their Transformations. <i>Journal of the American Chemical Society</i> , 2019, 141, 12780-12788.	6.6	13
170	Distinctive Trend of Metal Binding Affinity via Hydration Shell Breakage in Nanoconfined Cavity. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14825-14833.	1.5	15
171	An All-Alkynyl Protected 74-Nuclei Silver(I)-Copper(I)-Oxo Nanocluster: Oxo-Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12280-12285.	7.2	40
172	An All-Alkynyl Protected 74-Nuclei Silver(I)-Copper(I)-Oxo Nanocluster: Oxo-Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. <i>Angewandte Chemie</i> , 2019, 131, 12408-12413.	1.6	15
173	High Nuclearity Uranyl Cages Using Rigid Aryl Phosphonate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5052-5058.	1.0	0
174	Isotope and Hydrogen-Bond Effects on the Self-Assembly of Macroions in Dilute Solution. <i>Chemistry - A European Journal</i> , 2019, 25, 16288-16293.	1.7	7
175	Crystal Chemistry and SAXS Studies of an Octahedral Polyoxoarsenate Nanocluster Encapsulating Four Unprecedented Thorium Arsenate Fragments ($\{Th_3As_2O_n\}$, $n = 25$ or 26). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4500-4505.	1.0	5
176	A Giant Mo/Ta/W Ternary Mixed-Addenda Polyoxometalate with Efficient Photocatalytic Activity for Primary Amine Coupling. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43287-43293.	4.0	42
177	Inorganic-organic hybrid high-dimensional polyoxotantalates and their structural transformations triggered by water. <i>Chemical Communications</i> , 2019, 55, 11735-11738.	2.2	22
178	Synthesis of a 6-nm-Long Transition-Metal-Rare-Earth-Containing Polyoxometalate. <i>Inorganic Chemistry</i> , 2019, 58, 12534-12537.	1.9	38
179	Hybrid Uranyl-Phosphonate Coordination Nanocage. <i>Inorganic Chemistry</i> , 2019, 58, 12662-12668.	1.9	5
180	Assembly of Lanthanide-Containing Polyoxotantalate Clusters with Efficient Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2019, 58, 13030-13036.	1.9	30
181	Multifunctional Polymolybdate-Based Metal-Organic Framework as an Efficient Catalyst for the CO_2 Cycloaddition and as the Anode of a Lithium-Ion Battery. <i>Inorganic Chemistry</i> , 2019, 58, 13058-13065.	1.9	12
182	Stability of Solid Uranyl Peroxides under Irradiation. <i>Inorganic Chemistry</i> , 2019, 58, 14112-14119.	1.9	18
183	The lithium-water configuration encapsulated by uranyl peroxide cage cluster U_{24} . <i>CrystEngComm</i> , 2019, 21, 390-393.	1.3	7
184	Strategic Capture of the $\{Nb_7\}$ Polyoxometalate. <i>Chemistry - A European Journal</i> , 2019, 25, 10580-10584.	1.7	34
185	The role of titanium-oxo clusters in the sulfate process for TiO_2 production. <i>Dalton Transactions</i> , 2019, 48, 11086-11093.	1.6	14

#	ARTICLE	IF	CITATIONS
186	Uranyl Peroxide Capsule Self-Assembly in Slow Motion. <i>Chemistry - A European Journal</i> , 2019, 25, 6087-6091.	1.7	17
187	Reversible Phase Transitions in a Coordination 1D-Polymer Containing an Unusual Hexatungstate Building Block. <i>Crystal Growth and Design</i> , 2019, 19, 2485-2492.	1.4	4
188	A Comprehensive Study on the Dye Adsorption Behavior of Polyoxometalate-Complex Nano-Hybrids Containing Classic β -Octamolybdate and Biimidazole Units. <i>Molecules</i> , 2019, 24, 806.	1.7	10
189	Effects of H_2O Concentration on Formation of Uranyl Peroxide Species Probed by Dissolution of Uranium Nitride and Uranium Dioxide. <i>Inorganic Chemistry</i> , 2019, 58, 5858-5864.	1.9	10
190	High Nuclearity Uranyl Cages Using Rigid Aryl Phosphonate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5040-5040.	1.0	0
191	Polyoxometalates in dye-sensitized solar cells. <i>Chemical Society Reviews</i> , 2019, 48, 260-284.	18.7	261
192	Extension of the Plutonium Oxide Nanocluster Family to Include $\{Pu_{16}\}$ and $\{Pu_{22}\}$. <i>Chemistry - A European Journal</i> , 2019, 25, 2463-2466.	1.7	28
193	Selective Rb+vs. K+Guest Incorporation in Wheel-Shaped 27-Tungsto-3-Arsenate(III) Host, $[M_3\{(\beta\text{-AsIIIW}_8\text{O}_{30})(\text{WO}(\text{H}_2\text{O}))\}_3]_{14}$ (M = K, Rb). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 502-505.	1.0	2
194	Beyond Charge Balance: Counter-Cations in Polyoxometalate Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 596-612.	7.2	289
195	Jenseits von Ladungsausgleich: Gegenkationen in der Polyoxometallat-Chemie. <i>Angewandte Chemie</i> , 2020, 132, 606-623.	1.6	37
196	Designing Functional Polyoxometalate-Based Ionic Liquid Crystals and Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 228-247.	1.0	22
197	Two polyoxoniobates-based ionic crystals as Lewis base catalysts for cyanosilylation. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107666.	1.8	15
198	Organic Functionalization of Uranyl Peroxide Clusters to Impact Solubility. <i>Inorganic Chemistry</i> , 2020, 59, 9881-9888.	1.9	4
199	Reactivity, Formation, and Solubility of Polyoxometalates Probed by Calorimetry. <i>Journal of the American Chemical Society</i> , 2020, 142, 20463-20469.	6.6	21
200	Peroxouranyl-Containing W_{48} Wheel: Synthesis, Structure, and Detailed Infrared and Raman Spectroscopy Study. <i>Inorganic Chemistry</i> , 2020, 59, 16789-16794.	1.9	14
201	A new polyniobotungstate based on $\{Ge_9Nb_3O_{40}\}$ clusters and nickel cation with photocatalytic properties. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108151.	1.8	0
202	Nucleation mechanisms and speciation of metal oxide clusters. <i>Chemical Science</i> , 2020, 11, 8448-8456.	3.7	15
203	A Rare 3D Porous Inorganic-Organic Hybrid Polyoxometalate Framework Based on a Cubic Polyoxoniobate-Cupric-Complex Cage with a High Water Vapor Adsorption Capacity. <i>Inorganic Chemistry</i> , 2020, 59, 11925-11929.	1.9	14

#	ARTICLE	IF	CITATIONS
204	A rare 4-connected neb-type 3D chiral polyoxometalate framework based on $\{KNb_{24}O_{72}\}$ clusters. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3919-3924.	3.0	15
205	Counteraction-Controlled Nuclearity of Zr/Hf Peroxo Oxalates. <i>Crystal Growth and Design</i> , 2020, 20, 6519-6527.	1.4	6
206	Polyoxometalate clusters in minerals: review and complexity analysis. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 618-629.	0.5	23
207	Metal-Addenda Substitution in Plenary Polyoxometalates and in Their Modular Transition Metal Analogues. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2559-2572.	1.0	11
208	Unveiling a Photoinduced Hydrogen Evolution Reaction Mechanism via the Concerted Formation of Uranyl Peroxide. <i>Inorganic Chemistry</i> , 2020, 59, 8353-8360.	1.9	6
209	Occurrence of polyoxouranium motifs in uranyl organic networks constructed by using silicon-centered carboxylate linkers: structures, spectroscopy and computation. <i>Dalton Transactions</i> , 2020, 49, 4155-4163.	1.6	10
210	Dynamics of Cation-Induced Conformational Changes in Nanometer-Sized Uranyl Peroxide Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 2495-2502.	1.9	7
211	The Role of the Organic Solvent Polarity in Isolating Uranyl Peroxide Capsule Fragments. <i>Inorganic Chemistry</i> , 2020, 59, 1633-1641.	1.9	11
212	Strategies for Incorporating Catalytically Active Polyoxometalates in Metal-Organic Frameworks for Organic Transformations. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5345-5360.	4.0	114
213	Pt-Substituted polyoxometalate modification on the surface of low-cost TiO_2 with highly efficient H_2 evolution performance. <i>Dalton Transactions</i> , 2020, 49, 2176-2183.	1.6	7
214	The effect of the heteroatom (X=P, As, Si and Ge) on the geometrical and electronic properties of $\{M\}$ -Keggin polyoxometalates (M=Mo, W and Nb) - A DFT investigation. <i>Journal of Molecular Structure</i> , 2020, 1213, 128159.	1.8	12
215	Syntheses, characterization and properties of two new dodeca-niobates presenting unprecedented features. <i>Dalton Transactions</i> , 2020, 49, 6495-6503.	1.6	11
216	A new polyoxometalate-resorcin[4]arene-based framework as an efficient anode material for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155314.	2.8	8
217	Dimension-Controlled Dewetting in Hydrophobic Porous Nanocapsules. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10201-10208.	1.5	3
218	Polyoxometalate chemistry at volcanoes: discovery of a novel class of polyoxocuprate nanoclusters in fumarolic minerals. <i>Scientific Reports</i> , 2020, 10, 6345.	1.6	12
219	Trends and new directions in the crystal chemistry of actinide oxo-clusters incorporated in polyoxometalates. <i>CrystEngComm</i> , 2020, 22, 3549-3562.	1.3	14
220	Coordination Chemistry in Polyoxometalates and Metal Clusters. , 2021, , 118-154.		1
221	Polyoxometalate immobilized on MOF-5 as an environment-friendly catalyst for the synthesis of polyfunctionalized 3- β -pyrrolinones. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	1.7	4

#	ARTICLE	IF	CITATIONS
222	Research advances of light-driven hydrogen evolution using polyoxometalate-based catalysts. <i>Chinese Journal of Catalysis</i> , 2021, 42, 855-871.	6.9	65
223	Polyoxometalate/metal-organic framework hybrids and their derivatives for hydrogen and oxygen evolution electrocatalysis. <i>Materials Today Energy</i> , 2021, 19, 100618.	2.5	39
224	Atomically precise vanadium-oxide clusters. <i>Nanoscale Advances</i> , 2021, 3, 1293-1318.	2.2	37
225	How to not build a cage: endohedral functionalization of polyoxometalate-based metal-organic polyhedra. <i>Chemical Science</i> , 2021, 12, 7361-7368.	3.7	21
226	Quo Vadis, Polyoxometalate Chemistry?. , 2021, , 4-28.		1
227	Synthesis, Physical Properties and Application of a Series of New Polyoxometalate-Based Ionic Liquids. <i>Molecules</i> , 2021, 26, 496.	1.7	5
228	Metal-metal bonds in polyoxometalate chemistry. <i>Nanoscale</i> , 2021, 13, 13574-13592.	2.8	21
229	Ionothermal Synthesis of Uranyl Vanadate Nanoshell Heteropolyoxometalates. <i>Inorganic Chemistry</i> , 2021, 60, 3355-3364.	1.9	5
230	Uranyl Peroxide Nanocage Assemblies for Solid-State Electrolytes. <i>ACS Applied Nano Materials</i> , 2021, 4, 3597-3603.	2.4	7
231	Potentiality of Graphene Oxide and Polyoxometalate as Radionuclides Adsorbent to Restore the Environment after Fukushima Disaster: A Mini Review. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 776.	0.3	3
232	Prediction of Solution Behavior via Calorimetric Measurements Allows for Detailed Elucidation of Polyoxometalate Transformation. <i>Inorganic Chemistry</i> , 2021, 60, 6753-6763.	1.9	6
233	3D Uranyl Organic Frameworks Supported by Rigid Octadentate Carboxylate Ligand: Synthesis, Structure Diversity, and Luminescence Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 10313-10322.	1.7	6
234	Polyoxometalates in Extraction and Sorption Processes. <i>Solvent Extraction and Ion Exchange</i> , 2021, 39, 455-476.	0.8	3
235	Calorimetric Study of Functionalized Uranyl Peroxide Nanoclusters and Their Monomeric Building Block. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2840-2845.	1.0	4
236	Rare cis-Dioxido Uranyl Framework Crystalline Complexes: Synthesis, Structure, Characterization and Properties. <i>ChemistrySelect</i> , 2021, 6, 8133-8139.	0.7	1
237	Synthesis, crystal structure and properties of hepta(ammonium) penta(1H-imidazol-3-ium) paratungstate B tetrahydrate. <i>Journal of Coordination Chemistry</i> , 0, , 1-14.	0.8	2
238	Effect of Na(I)-H ₂ O clusters on self-assembly of sandwich-type U(VI)-containing silicotungstates and the efficient catalytic activity for the synthesis of substituted phenylsulfonyl-1H-pyrazoles. <i>Tungsten</i> , 2022, 4, 149-157.	2.0	21
239	State-of-the-art advances in the structural diversities and catalytic applications of polyoxoniobate-based materials. <i>Coordination Chemistry Reviews</i> , 2021, 443, 213966.	9.5	43

#	ARTICLE	IF	CITATIONS
240	Charge transfer characteristics and luminescence properties of Eu ³⁺ activated Ba ₂ YMoO ₆ and BaY ₂ (MoO ₄) ₄ phosphors. <i>Materials Research Bulletin</i> , 2022, 145, 111554.	2.7	12
241	High-Temperature Synthesis of a Uranyl Peroxo Complex Facilitated by Hydrothermally In Situ Formed Organic Peroxide. <i>Inorganic Chemistry</i> , 2021, 60, 2133-2137.	1.9	5
242	Physicochemical implications of surface alkylation of high-valent, Lindqvist-type polyoxovanadate-alkoxide clusters. <i>Nanoscale</i> , 2021, 13, 6162-6173.	2.8	3
243	Hybrid Materials of the f-Elements Part II. <i>Fundamental Theories of Physics</i> , 2015, , 163-285.	0.1	1
244	An inorganic Co-containing heteropolyoxoniobate: reversible chemochromism and H ₂ O-dependent proton conductivity properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5225-5233.	3.0	5
245	Polyoxometalates and Other Metal-Oxo Clusters in Nature. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1242-1247.	0.1	1
246	Reversible photochromism and photoresponsive luminescence in naphthalene diimide-based framework with Lindqvist-type polyoxometalate template. <i>Journal of Molecular Structure</i> , 2022, 1251, 132011.	1.8	3
247	Recent advances on energy storage microdevices: From materials to configurations. <i>Energy Storage Materials</i> , 2022, 45, 741-767.	9.5	15
248	Heteropoly acids: An overview. , 2022, , 61-140.		3
249	Two U(VI)-Containing Silicotungstates with Sandwich Structures: Lewis Acid-Base Synergistic Catalyzed Synthesis of Benzodiazepines and Pyrazoles. <i>Inorganic Chemistry</i> , 2022, 61, 3050-3057.	1.9	17
250	Predicting the Solubility of Inorganic Ion Pairs in Water. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
251	Predicting solubility of ion pairs in aqueous inorganic chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	5
252	Bouquet-like uranium-containing selenotungstate consisting of two different Keggin-/Anderson-type units with excellent photoluminescence quantum yield. <i>Chinese Chemical Letters</i> , 2023, 34, 107209.	4.8	7
253	Insights into organo-inorganic hybrid molecular materials: organoimido functionalized polyoxomolybdates. <i>Dalton Transactions</i> , 2022, 51, 4945-4975.	1.6	7
254	Proton conduction in ionic crystals based on polyoxometalates. <i>Coordination Chemistry Reviews</i> , 2022, 462, 214524.	9.5	48
255	Gamma-Ray-Induced Formation of Uranyl Peroxide Cage Clusters. <i>Inorganic Chemistry</i> , 2022, 61, 11916-11922.	1.9	4
256	First Organo-Inorganic Hybrid Compounds Formed by Ge-V-O Clusters and Transition Metal Complexes of Aromatic Organic Ligands. <i>Molecules</i> , 2022, 27, 4424.	1.7	2
257	Assembly of Uranyl Peroxides from Ball Milled Solids. <i>Inorganic Chemistry</i> , 2022, 61, 11319-11324.	1.9	2

#	ARTICLE	IF	CITATIONS
258	Recent advances on high-nuclear polyoxometalate clusters. <i>Coordination Chemistry Reviews</i> , 2022, 471, 214734.	9.5	51
259	Polyoxometalate nanomaterials for enhanced reactive oxygen species theranostics. <i>Coordination Chemistry Reviews</i> , 2022, 472, 214785.	9.5	29
260	Recent advances in uranium-containing polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 5408-5433.	3.0	27
261	MOF/POM hybrids as catalysts for organic transformations. <i>Dalton Transactions</i> , 2022, 51, 11952-11986.	1.6	21
262	The Cluster Design and Redox Behavior Characterization of Polyoxometalates for Redox Flow Batteries. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	3
263	Self-Assembly of a U(VI)-Containing Polytungstate Tetramer with Lewis Acid-Base Catalytic Activity for a Dehydration Condensation Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 20358-20364.	1.9	9
264	Application of polyoxometalates in third-generation solar cells. , 2023, 2, 9140018.		17
265	A synergistic $\{Cu_2-W_{12}O_{40}\}$ catalyst with high conversion for homo-coupling of terminal alkynes. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 1255-1261.	3.0	3
266	Platonic and Archimedean solids in discrete metal-containing clusters. <i>Chemical Society Reviews</i> , 2023, 52, 383-444.	18.7	25
267	Synthesis, structures and photoluminescence of uranyl polyoxometalate clusters based on trilacunary $[TeW_9O_{33}]^{8-}$. <i>Tungsten</i> , 2023, 5, 254-260.	2.0	1
268	Leveraging visible and near-infrared spectroelectrochemistry to calibrate a robust model for Vanadium(IV/V) in varying nitric acid and temperature levels. <i>Talanta</i> , 2023, 259, 124554.	2.9	4
269	Cation directed formation of uranyl phosphonocarboxylates frameworks comprised of cross-linked chains. <i>Journal of Solid State Chemistry</i> , 2023, 323, 124023.	1.4	0
270	Atomic structural changes in the formation of transition metal tungstates: the role of polyoxometalate structures in material crystallization. <i>Chemical Science</i> , 2023, 14, 4806-4816.	3.7	2
271	Metal-oxo-cluster-based crystals as solid catalysts. <i>Chem Catalysis</i> , 2023, 3, 100607.	2.9	2