

# Konstantin A Brylev

## List of Publications by Year in descending order

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107  
papers

2,988  
citations

136950

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189892

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114  
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114  
docs citations

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times ranked

1293  
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#	ARTICLE	IF	CITATIONS
1	Highly luminescent complexes [Mo <sub>6</sub> X <sub>8</sub> (n-C <sub>3</sub> F <sub>7</sub> COO) <sub>6</sub> ] <sup>2-</sup> (X = Br, I). Dalton Transactions, 2011, 40, 6375.	3.3	133
2	Rhenium "Chalcogenide" Cyano Clusters, Cu <sup>2+</sup> Ions, and 1,2,3,4-Tetraaminobutane as Molecular Building Blocks for Chiral Coordination Polymers. Angewandte Chemie - International Edition, 2004, 43, 1297-1300.	13.8	131
3	Polyoxometalates "Potent and selective ecto-nucleotidase inhibitors. Biochemical Pharmacology, 2015, 93, 171-181.	4.4	107
4	Synthetic Tuning of Redox, Spectroscopic, and Photophysical Properties of {Mo <sub>6</sub> W <sub>8</sub> } <sup>4+</sup> Core Cluster Complexes by Terminal Carboxylate Ligands. Inorganic Chemistry, 2016, 55, 8437-8445.	4.0	101
5	Advances in the Engineering of Near Infrared Emitting Liquid Crystals and Copolymers, Extended Porous Frameworks, Theranostic Tools and Molecular Junctions Using Tailored Re <sub>6</sub> Cluster Building Blocks. Journal of Cluster Science, 2015, 26, 53-81.	3.3	96
6	Cellular internalisation, bioimaging and dark and photodynamic cytotoxicity of silica nanoparticles doped by {Mo <sub>6</sub> W <sub>8</sub> } <sup>4+</sup> metal clusters. Journal of Materials Chemistry B, 2016, 4, 4839-4846.	5.8	94
7	Red "NIR Luminescent Hybrid Poly(methyl methacrylate) Containing Covalently Linked Octahedral Rhenium Metallic Clusters. Chemistry - A European Journal, 2010, 16, 5613-5619.	3.3	86
8	A highly emissive inorganic hexamolybdenum cluster complex as a handy precursor for the preparation of new luminescent materials. Dalton Transactions, 2014, 43, 6021-6025.	3.3	79
9	New Compounds from Tellurocyanide Rhenium Cluster Anions and 3d-Transition Metal Cations Coordinated with Ethylenediamine. Inorganic Chemistry, 2004, 43, 4833-4838.	4.0	76
10	A Family of Octahedral Rhenium Cluster Complexes [Re <sub>6</sub> Q <sub>8</sub> (H <sub>2</sub> O) <sub>n</sub> ](OH) <sub>6</sub> (Q = S, Se; n = 0-6): Structural and pH-Dependent Spectroscopic Studies. Inorganic Chemistry, 2007, 46, 7414-7422.	4.0	76
11	The First Water-Soluble Hexarhenium Cluster Complexes with a Heterocyclic Ligand Environment: Synthesis, Luminescence, and Biological Properties. Inorganic Chemistry, 2014, 53, 9006-9013.	4.0	73
12	Prospects of molybdenum and rhenium octahedral cluster complexes as X-ray contrast agents. Journal of Inorganic Biochemistry, 2015, 144, 13-17.	3.5	72
13	Inorganic Coordination Polymers Based on Chalcocyanide Cluster Complexes. Journal of Structural Chemistry, 2002, 43, 669-684.	1.0	63
14	Cellular uptake and cytotoxicity of octahedral rhenium cluster complexes. Journal of Inorganic Biochemistry, 2008, 102, 1991-1996.	3.5	62
15	Octahedral molybdenum cluster complexes with aromatic sulfonate ligands. Dalton Transactions, 2016, 45, 15427-15435.	3.3	62
16	Cluster Core Controlled Reactions of Substitution of Terminal Bromide Ligands by Triphenylphosphine in Octahedral Rhenium Chalcobromide Complexes. Journal of the American Chemical Society, 2007, 129, 3714-3721.	13.7	61
17	The First Octahedral Cluster Complexes With Terminal Formate Ligands: Synthesis, Structure, and Properties of K <sub>4</sub> [Re <sub>6</sub> S <sub>8</sub> (HCOO) <sub>6</sub> ] and Cs <sub>4</sub> [Re <sub>6</sub> S <sub>8</sub> (HCOO) <sub>6</sub> ]. Inorganic Chemistry, 2009, 48, 2309-2315.	4.0	57
18	Alkynyl Complexes of High-Valence Clusters. Synthesis and Luminescence Properties of [Mo <sub>6</sub> W <sub>8</sub> (Câ% <sub>6</sub> iCC(O)OMe) <sub>6</sub> ] <sup>2-</sup> , the First Complex with Exclusively Organometallic Outer Ligands in the Family of Octahedral {M <sub>6</sub> X <sub>8</sub> } Clusters. Inorganic Chemistry, 2013, 52, 12477-12481.	4.0	57

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19	Nanosized mesoporous metal-organic framework MIL-101 as a nanocarrier for photoactive hexamolybdenum cluster compounds. <i>Journal of Inorganic Biochemistry</i> , 2017, 166, 100-107.	3.5	57
20	Family of Robust and Strongly Luminescent CuI-Based Hybrid Networks Made of Ionic and Dative Bonds. <i>Chemistry of Materials</i> , 2020, 32, 10708-10718.	6.7	49
21	Octahedral rhenium cluster complexes with organic ligands: Synthesis, structure and properties of [Re <sub>6</sub> Q <sub>8</sub> (3,5-Me <sub>2</sub> PzH) <sub>6</sub> ]Br <sub>2</sub> ·2(3,5-Me <sub>2</sub> PzH) (Q=S, Se). <i>Inorganica Chimica Acta</i> , 2006, 359, 1129-1134.	2.4	48
22	On the synthesis and characterisation of luminescent hybrid particles: Mo <sub>6</sub> metal cluster complex/SiO <sub>2</sub> . <i>RSC Advances</i> , 2016, 6, 43367-43375.	3.6	48
23	Water-soluble hybrid materials based on {Mo <sub>6</sub> X <sub>8</sub> } <sup>4+</sup> (X = Cl, Br, I) cluster complexes and sodium polystyrene sulfonate. <i>New Journal of Chemistry</i> , 2017, 41, 1670-1676.	2.8	44
24	Octahedral cyanohydroxo cluster complex trans-[Re <sub>6</sub> Se <sub>8</sub> (CN) <sub>4</sub> (OH) <sub>2</sub> ] <sup>4-</sup> : Synthesis, crystal structure, and properties. <i>Inorganica Chimica Acta</i> , 2011, 370, 363-368.	2.4	43
25	Host-Guest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and $\beta$ -Cyclodextrin. <i>Chemistry - A European Journal</i> , 2018, 24, 13467-13478.	3.3	43
26	Photoluminescent materials based on PMMA and a highly-emissive octahedral molybdenum metal cluster complex. <i>Journal of Materials Chemistry C</i> , 2016, 4, 497-503.	5.5	42
27	A new hexanuclear rhenium cluster complex with six terminal acetate ligands: Synthesis, structure, and properties of K <sub>4</sub> [Re <sub>6</sub> S <sub>8</sub> (CH <sub>3</sub> COO) <sub>6</sub> ]·8H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , 2010, 363, 2686-2691.	2.4	38
28	Polymerisable octahedral rhenium cluster complexes as precursors for photo/electroluminescent polymers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8630-8638.	5.5	38
29	Hexaazide octahedral molybdenum cluster complexes: Synthesis, properties and the evidence of hydrolysis. <i>Journal of Molecular Structure</i> , 2017, 1134, 237-243.	3.6	36
30	Characterization and cytotoxicity studies of thiol-modified polystyrene microbeads doped with {Mo <sub>6</sub> X <sub>8</sub> }(NO <sub>3</sub> ) <sub>3</sub> ·2X (X=Cl, Br, I). <i>Polymers for Advanced Technologies</i> , 2016, 27, 922-928.	3.2	35
31	Complexes of {Mo <sub>6</sub> I <sub>8</sub> } with nitrophenolates: synthesis and luminescence. <i>New Journal of Chemistry</i> , 2016, 40, 1162-1168.	2.8	34
32	Water-soluble Re <sub>6</sub> -clusters with aromatic phosphine ligands from synthesis to potential biomedical applications. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 882-892.	6.0	34
33	Sugar-Decorated Dendritic Nanocarriers: Encapsulation and Release of the Octahedral Rhenium Cluster Complex [Re <sub>6</sub> S <sub>8</sub> (OH) <sub>6</sub> ] <sup>4+</sup> . <i>Chemistry - an Asian Journal</i> , 2010, 5, 2507-2514.	3.3	32
34	[Re <sub>6</sub> Q <sub>7</sub> O(3,5-Me <sub>2</sub> PzH) <sub>6</sub> ]Br <sub>2</sub> ·3,5-Me <sub>2</sub> PzH (Q = S, Se) - New Octahedral Rhenium Cluster Complexes with Organic Ligands: Original Synthetic Approach and Unexpected Ligand Exchange in the Cluster Core. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 657-661.	2.0	30
35	Cellular internalization and morphological analysis after intravenous injection of a highly hydrophilic octahedral rhenium cluster complex - a new promising X-ray contrast agent. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 459-466.	0.8	30
36	Synthesis and Crystal Structure of the Azide K <sub>4</sub> [Re <sub>6</sub> Se <sub>8</sub> (N <sub>3</sub> ) <sub>6</sub> ] <sub>4</sub> H <sub>2</sub> O; Luminescence, Redox, and DFT Investigations of the [Re <sub>6</sub> Se <sub>8</sub> (N <sub>3</sub> ) <sub>6</sub> ] <sup>4-</sup> Cluster Unit. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1756-1762.	1.2	27

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37	Supporting effect of polyethylenimine on hexarhenium hydroxo cluster complex for cellular imaging applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 340, 46-52.	3.9	27
38	Novel inorganic ionic compounds based on Re <sub>6</sub> chalcocyanide cluster complexes: synthesis and crystal structures of [CuNH <sub>3</sub> (trien)] <sub>2</sub> [Re <sub>6</sub> S <sub>8</sub> (CN) <sub>6</sub> ]·7H <sub>2</sub> O, [CuNH <sub>3</sub> (trien)] <sub>2</sub> [Re <sub>6</sub> Se <sub>8</sub> (CN) <sub>6</sub> ] and [CuNH <sub>3</sub> (trien)] <sub>2</sub> [Re <sub>6</sub> Te <sub>8</sub> (CN) <sub>6</sub> ]·H <sub>2</sub> O. <i>Polyhedron</i> , 2003, 22, 3383-3387.	2.2	26
39	Controlled synthesis and luminescence properties of trans-[Re <sub>6</sub> S <sub>8</sub> (CN) <sub>4</sub> (OH) <sub>2</sub> ·n(H <sub>2</sub> O)] <sub>n</sub> <sup>4+</sup> octahedral rhenium(III) cluster units (n=0, 1 or 2). <i>Polyhedron</i> , 2014, 67, 351-359.	2.2	25
40	New mixed-ligand cyanohydroxo octahedral cluster complex trans-[Re <sub>6</sub> S <sub>8</sub> (CN) <sub>2</sub> (OH) <sub>4</sub> ] <sup>4+</sup> , its luminescence properties and chemical reactivity. <i>RSC Advances</i> , 2014, 4, 60808-60815.	3.6	25
41	A family of octahedral rhenium cluster complexes trans-[{Re <sub>6</sub> Q <sub>8</sub> }(PPh <sub>3</sub> ) <sub>4</sub> X <sub>2</sub> ] (Q=S or Se, X=Cl, Br or I): Preparation and halide-dependent luminescence properties. <i>Polyhedron</i> , 2014, 81, 634-638.	2.2	25
42	Complexes of {W <sub>6</sub> I <sub>8</sub> } <sup>4+</sup> Clusters with Carboxylates: Preparation, Electrochemistry, and Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4131-4137.	2.0	24
43	First molecular octahedral rhenium cluster complexes with terminal As- and Sb-donor ligands. <i>Russian Chemical Bulletin</i> , 2008, 57, 1644-1649.	1.5	23
44	Synthesis, structure, and luminescence of the octahedral molybdenum cluster [Mo <sub>6</sub> I <sub>8</sub> (SC <sub>6</sub> F <sub>4</sub> H) <sub>6</sub> ] <sup>2+</sup> . <i>Russian Chemical Bulletin</i> , 2013, 62, 1764-1767.	1.5	22
45	Biodistribution of Rhenium Cluster Complex K <sub>4</sub> [Re <sub>6</sub> S <sub>8</sub> (CN) <sub>6</sub> ] in the Body of Laboratory Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 155, 741-744.	0.8	22
46	Supramolecular Frameworks Built up from Red-Phosphorescent trans-Re <sub>6</sub> Cluster Building Blocks: One Pot Synthesis, Crystal Structures, and DFT Investigations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1156-1163.	1.2	21
47	Novel Three-Dimensional Coordination Polymers Based on [Mo <sub>6</sub> Se <sub>8</sub> (CN) <sub>6</sub> ] <sup>7-</sup> Anions and Mn <sup>2+</sup> Cations. <i>Journal of Cluster Science</i> , 2009, 20, 165-176.	3.3	20
48	Sensing activity of cholinesterases through a luminescence response of the hexarhenium cluster complex [{Re <sub>6</sub> S <sub>8</sub> (OH) <sub>6</sub> ] <sup>4+</sup> . <i>Analyst</i> , The, 2016, 141, 4204-4210.	3.5	20
49	Crystal structures of the octahedral rhenium cluster complexes Cs <sub>4</sub> [Re <sub>6</sub> S <sub>8</sub> (OH) <sub>6</sub> ]·6H <sub>2</sub> O and Cs <sub>4</sub> [Re <sub>6</sub> Se <sub>8</sub> (OH) <sub>6</sub> ]·8H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , 2007, 48, 1118-1123.	1.0	19
50	Synthesis and luminescence properties of apically homoleptic octahedral rhenium clusters with pyrazole and 3,5-dimethylpyrazole. <i>Inorganica Chimica Acta</i> , 2019, 498, 119128.	2.4	19
51	Synthesis and structures of new octahedral water-soluble heterometal rhenium-molybdenum clusters. <i>Polyhedron</i> , 2004, 23, 599-603.	2.2	18
52	Octahedral clusters with mixed inner ligand environment: Self-assembly, modification and isomerism. <i>Journal of Structural Chemistry</i> , 2014, 55, 1371-1389.	1.0	18
53	A comparative study of hydrophilic phosphine hexanuclear rhenium cluster complexes <sup>TM</sup> toxicity. <i>Toxicology Research</i> , 2017, 6, 554-560.	2.1	18
54	Synthesis, crystal structure, and luminescence properties of complexes (4-ViBnNMe <sub>3</sub> ) <sub>2</sub> [{M <sub>6</sub> (μ <sub>3</sub> -I) <sub>8</sub> ] <sub>6</sub> ] (M = Mo, W; (4-ViBnNMe <sub>3</sub> ) <sup>+</sup> is trimethyl(4-vinylbenzyl)ammonium). <i>Russian Chemical Bulletin</i> , 2015, 64, 2591-2596.	1.5	16

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55	Luminescent coordination polymers based on $\text{Ca}^{2+}$ and octahedral cluster anions $[\{\text{M}_{6}\text{Cl}_{8}\}\text{Cl}_{6}]^{2-}$ ( $\text{M} = \text{Mo}, \text{Tj}$ ) <i>ETQq1</i> 1 0.784314 <i>rgBT</i>	3.1	16
56	Novel water soluble cationic Au(I) complexes with cyclic PNNP ligand as building blocks for heterometallic supramolecular assemblies with anionic hexarhenium cluster units. <i>Journal of Luminescence</i> , 2018, 196, 485-491.	3.1	16
57	Synthesis and structure of a new octahedral molybdenum thiocyanide cluster complex $\text{K}_7[\text{Mo}_6(\frac{1}{4}\text{S})_8(\text{CN})_6]\cdot 8\text{H}_2\text{O}$ . <i>Russian Chemical Bulletin</i> , 2001, 50, 1140-1143.	1.5	15
58	Electronic Spectra and DFT Calculations of Hexanuclear Chalcocyanide Rhenium Clusters. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10565-10567.	2.5	15
59	Chiral coordination polymers based on Re cluster complexes, $\text{Cu}^{2+}$ cations, and 1,2S,3S,4-tetraaminobutane. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005, 31, 269-281.	1.0	15
60	Synthesis, structure and luminescence properties of new chalcogenide octahedral rhenium cluster complexes with 4-aminopyridine $[\{\text{Re}_6\text{Q}_8\}(4\text{-NH}_2\text{-py})_6]^{2+}$ . <i>Journal of Coordination Chemistry</i> , 2016, 69, 841-850.	2.2	15
61	Structure optimization for enhanced luminescent and paramagnetic properties of hydrophilic nanomaterial based on heterometallic Gd-Re complexes. <i>Materials and Design</i> , 2018, 146, 49-56.	7.0	15
62	Reactions of transition-metal cations with $[\text{Re}_6\text{Te}_8(\text{CN})_6]^{4-}$ : syntheses and structures of $[\text{Zn}(\text{NH}_3)_4]_2[\text{Re}_6\text{Te}_8(\text{CN})_6]$ , $[\{\text{Co}(\text{NH}_3)_5\}_2\text{Re}_6\text{Te}_8(\text{CN})_6]\cdot 4\text{H}_2\text{O}$ , and $[\{\text{Ni}(\text{NH}_3)_5\}_2\text{Re}_6\text{Te}_8(\text{CN})_6]\cdot 4\text{H}_2\text{O}$ . <i>Inorganica Chimica Acta</i> , 2004, 357, 728-732.	2.4	14
63	First cyano-bridged coordination polymers based on N,N <sup>TM</sup> -chelated Ag(I) ions and octahedral rhenium(III) chalcocyanide clusters exhibiting unusually long-lived photoluminescence. <i>Journal of Molecular Structure</i> , 2018, 1173, 627-634.	3.6	14
64	Functionalization of $[\text{Re}_6\text{Q}_8(\text{CN})_6]^{4-}$ clusters by methylation of cyanide ligands. <i>New Journal of Chemistry</i> , 2019, 43, 16338-16348.	2.8	14
65	A new cyanobridged one-dimensional coordination polymer based on the octahedral rhenium cluster $[\text{Re}_6\text{Se}_8(\text{CN})_6]^{4-}$ : Synthesis and crystal structure of $[\{\text{Cu}(\text{H}_2\text{O})_{0.5}(\text{en})_2\}\{\text{Cu}(\text{en})_2\}\text{Re}_6\text{Se}_8(\text{CN})_6]\cdot 3\text{H}_2\text{O}$ . <i>Journal of Structural Chemistry</i> , 2006, 47, 771-776.	1.0	13
66	Ionic columnar clustomesogens: associations between anionic hexanuclear rhenium clusters and liquid crystalline triphenylene tethered imidazoliums. <i>Dalton Transactions</i> , 2018, 47, 10884-10896.	3.3	13
67	Complexes based on the anionic octahedral rhenium chalcogenide clusters and $[\text{M}(\text{En})_2]^{2+}$ ( $\text{M} = \text{Ni}$ ) <i>Tj ETQq1</i> 1 0.784314 <i>rgBT /Ove</i>	1.0	12
68	One-pot synthesis of $\{\text{Mo}_6\text{I}_8\}^{4+}$ -doped polystyrene microspheres via a free radical dispersion copolymerisation reaction. <i>Polymer International</i> , 2017, 66, 1906-1912.	3.1	12
69	Dithiolene dimetallic molybdenum(V) complexes displaying intraligand charge transfer (ILCT) emission. <i>Dalton Transactions</i> , 2013, 42, 12947.	3.3	11
70	Intense multi-colored luminescence in a series of rare-earth metal-organic frameworks with aliphatic linkers. <i>Dalton Transactions</i> , 2021, 50, 11899-11908.	3.3	11
71	New Approach toward Dual-Emissive Organic-Inorganic Hybrids by Integrating Mn(II) and Cu(I) Emission Centers in Ionic Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 31000-31009.	8.0	11
72	Phosphorescent complexes of $\{\text{Mo}_6\text{I}_8\}^{4+}$ with triazolates: [2+3] cycloaddition of alkynes to $[\text{Mo}_6\text{I}_8(\text{N}_3)_6]^{2-}$ . <i>New Journal of Chemistry</i> , 2020, 44, 20620-20625.	2.8	10

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73	Soluble Molecular Rhenium Cluster Complexes Exhibiting Multistage Terminal Ligands Reduction. <i>Inorganic Chemistry</i> , 2020, 59, 6460-6470.	4.0	10
74	New complex compounds based on $[Re_6Te_8(CN)_6]^{4-}$ cluster anions and $[M(dien)_2]^{2+}$ ( $M = Co^{2+}$ and $Ti^{4+}$ ). <i>Structural Chemistry</i> , 2005, 46, S130-S136.	1.0	9
75	Emission tuning in Re(I) complexes: Expanding heterocyclic ligands and/or introduction of perfluorinated ligands. <i>Polyhedron</i> , 2017, 137, 231-237.	2.2	9
76	Surface modification of silica nanoparticles by hexarhenium anionic cluster complexes for pH-sensing and staining of cell nuclei. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 759-769.	9.4	9
77	A 1D Coordination Polymer Based on CuI and 2-(Diphenylphosphino)Pyrimidine: Synthesis, Structure and Luminescent Properties. <i>Journal of Structural Chemistry</i> , 2020, 61, 894-898.	1.0	8
78	Apically homoleptic octahedral rhenium cluster complexes with 3-methylpyrazole. <i>Inorganica Chimica Acta</i> , 2020, 510, 119738.	2.4	8
79	A highly efficient and transparent luminescent solar concentrator based on a nanosized metal cluster luminophore anchored on polymers. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4402-4410.	5.5	8
80	Rhenium octahedral clusters in mesoporous MIL-101: luminescence and sorption properties. <i>Russian Chemical Bulletin</i> , 2014, 63, 1487-1492.	1.5	7
81	Heteroleptic Phenanthroline Complexes of Trinuclear Molybdenum Clusters with Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1877-1885.	2.0	7
82	Metal-organic frameworks with solvent-free lanthanide coordination environments: synthesis from aqueous ethanol solutions. <i>CrystEngComm</i> , 2020, 22, 7935-7943.	2.6	7
83	Phosphorescent Complexes of $\{Mo_6I_8\}^{4+}$ and $\{W_6I_8\}^{4+}$ with Perfluorinated Aryl Thiolates featuring Unusual Molecular Structures. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	2.0	7
84	Synthesis and crystal structure of the octahedral cyano-bridged cluster complex $[2-\{Ni(NH_3)_5\}_2\{Re_6Te_8(CN)_6\}] \cdot 4H_2O$ . <i>Journal of Structural Chemistry</i> , 2009, 50, 1197-1200.	1.0	6
85	Proton sponge effect and apoptotic cell death mechanism of Ag-Re6 nanocrystallites derived from the assembly of $[Re_6S_8(OH)_6(H_2O)_4]^{4-}$ with Ag <sup>+</sup> ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129312.	4.7	6
86	Synthesis and structures of new octahedral heterometal rhenium-osmium cluster complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012, 38, 183-191.	1.0	5
87	Synthesis, crystal structure, and photophysical properties of acid $(H_3O)_2[W_6Br_8] \cdot 4H_2O$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012, 38, 402-408.	1.0	5
88	Luminescent twelve-nuclear rhenium clusters. <i>Dalton Transactions</i> , 2019, 48, 12522-12530.	3.3	5
89	$[Re_6Q_8](SO_3)_6$ (Q = S or Se): Facile Synthesis and Properties of the Most Highly Charged Octahedral Cluster Complexes and High Magnetic Relaxivity of Their Colloids with Gd <sup>3+</sup> Ions. <i>Inorganic Chemistry</i> , 2019, 58, 15889-15897.	4.0	5
90	A NEW Cu(I) IODIDE COMPLEX SHOWING DEEP-RED LUMINESCENCE. <i>Journal of Structural Chemistry</i> , 2020, 61, 1068-1071.	1.0	5

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91	Cyanide Complexes Based on {Mo <sub>6</sub> I <sub>8</sub> } <sup>4+</sup> and {W <sub>6</sub> I <sub>8</sub> } <sup>4+</sup> Cluster Cores. <i>Molecules</i> , 2020, 25, 5796.	3.8	5
92	Thermally Controlled Synthesis of Octahedral Rhenium Clusters with 4,4'-Bipyridine and CN <sup>-</sup> Apical Ligands. <i>Symmetry</i> , 2021, 13, 2187.	2.2	5
93	Coordination polymers based on rhenium octahedral chalcocyanide cluster [Re <sub>6</sub> Se <sub>8</sub> (CN) <sub>6</sub> ] <sup>4-</sup> and lanthanide ions solvated with dimethylformamide. <i>Inorganica Chimica Acta</i> , 2021, 528, 120597.	2.4	4
94	Rearrangement of the {Mo <sub>6</sub> S <sub>8</sub> } Cluster Fragment to {Mo <sub>4</sub> S <sub>4</sub> } and a New {Mo <sub>6</sub> S <sub>6</sub> } Cluster Nucleus: Crystal Structure of K <sub>6</sub> [Mo <sub>4</sub> S <sub>4</sub> (CN) <sub>12</sub> ]·10H <sub>2</sub> O and (18-Crown-6K) <sub>8</sub> [Mo <sub>6</sub> S <sub>6</sub> (CN) <sub>16</sub> ]·17.5H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , 2003, 44, 698-703.	1.0	3
95	Isomerism in tetrahedral rhenium cluster complexes [Re <sub>4</sub> Q <sub>4</sub> (PMe <sub>2</sub> Ph) <sub>4</sub> X <sub>8</sub> ] <sup>n-</sup> ·nCH <sub>2</sub> Cl <sub>2</sub> (Q=Se, X=Br; Q=Te.) <i>Tj ETQq</i> , 1 0.784314 rgrBT	2.2	3
96	Novel crystal structures of potassium salts of chalcoghydroxo cluster complexes [Re <sub>6</sub> Q <sub>8</sub> (OH) <sub>6</sub> ] <sup>4-</sup> (Q) <i>Tj ETQq</i> 0 0 rgrBT /Overlock 10 T	1.6	3
97	Synthesis, Structure, and Luminescence Properties of a {Mo <sub>6</sub> I <sub>8</sub> } Complex with (C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> PO <sub>2</sub> Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 1135-1140.	1.2	3
98	Water dispersible supramolecular assemblies built from luminescent hexarhenium clusters and silver(I) complex with pyridine-2-ylphospholane for sensorics. <i>Journal of Molecular Liquids</i> , 2020, 305, 112853.	4.9	3
99	The first example of the stereoselective synthesis and crystal structure of a spirobicycloquinazolinone based on (â€)-fenchone and anthranilamide. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1675-1680.	0.5	3
100	SYNTHESIS AND STRUCTURE OF A RHENIUM TETRAHEDRAL CLUSTER COMPLEX WITH THE {Re <sub>4</sub> (PO) <sub>4</sub> } <sup>4+</sup> CORE. <i>Journal of Structural Chemistry</i> , 2021, 62, 1079-1085.	1.0	2
101	Structures of hexanuclear molybdenum chalcocyanide complexes: electronic absorption spectra and DFT calculation. <i>Russian Chemical Bulletin</i> , 2004, 53, 1661-1666.	1.5	1
102	Synthesis, structure, and properties of compounds containing both octahedral rhenium cluster cations and anions. <i>Russian Chemical Bulletin</i> , 2017, 66, 426-431.	1.5	1
103	Host-Guest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and Î³-Cyclodextrin. <i>Chemistry - A European Journal</i> , 2018, 24, 13382-13382.	3.3	1
104	Rhenium Nanoclusters as Modifiers of Immunosensors in the Determination of Tricyclic Antidepressants. <i>Journal of Analytical Chemistry</i> , 2021, 76, 1455-1467.	0.9	1
105	New Compounds from Tellurocyanide Rhenium Cluster Anions and 3d-Transition Metal Cations Coordinated with Ethylenediamine.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
106	Electronic Spectra and DFT Calculations of Hexanuclear Chalcocyanide Rhenium Clusters.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
107	Structure and Luminescent Properties of Cluster Complexes with the {Mo <sub>6</sub> (Î¼ <sub>3</sub> -SeCl <sub>7</sub> )} <sup>3+</sup> Core. <i>Journal of Structural Chemistry</i> , 2018, 59, 177-181.	1.0	0