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449 papers	6,246 citations	35 h-index	55 g-index
498 ext. papers	7,267 ext. citations	3.6 avg, IF	6.01 L-index

#	Paper	IF	Citations
449	Polynuclear halide complexes of Bi(III): From structural diversity to the new properties. <i>Coordination Chemistry Reviews</i> , 2016 , 312, 1-21	23.2	165
448	A Novel Framework Type for Inorganic Clusters with Cyanide Ligands: Crystal Structures of Cs ₂ Mn ₃ [Re ₆ Se ₈ (CN) ₆] ₂ ·15 H ₂ O and (H ₃ O) ₂ Co ₃ [Re ₆ Se ₈ (CN) ₆] ₂ ·14.5 H ₂ O. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1943-1945	16.4	148
447	Behavioral patterns of heterometallic cuboidal derivatives of [M ₃ Q ₄ (H ₂ O) ₉] ⁴⁺ (M = Mo, W; Q = S, Se). <i>Accounts of Chemical Research</i> , 2001 , 34, 223-30	24.3	140
446	Mono- and polynuclear aqua complexes and cucurbit[6]uril: Versatile building blocks for supramolecular chemistry. <i>Pure and Applied Chemistry</i> , 2004 , 76, 1633-1646	2.1	139
445	Highly luminescent complexes [Mo ₆ X ₈ (n-C ₃ F ₇ COO) ₆] ₂ - (X=Br, I). <i>Dalton Transactions</i> , 2011 , 40, 6375-7	4.3	124
444	Unusual Capping Chalcogenide Dependence of the Luminescence Quantum Yield of the Hexarhenium(III) Cyano Complexes [Re ₆ (μ-E) ₈ (CN) ₆] ₄ ·E ₂ ·Se ₂ ·S ₂ ·Te ₂ . <i>Chemistry Letters</i> , 1999 , 28, 1121-1122	1.7	98
443	Chalcogenide clusters of Group 5B metals. <i>Russian Chemical Reviews</i> , 2007 , 76, 529-552	6.8	97
442	Polyoxometalate, Cationic Cluster, and β-Cyclodextrin: From Primary Interactions to Supramolecular Hybrid Materials. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12793-12803	16.4	89
441	A building block strategy to access sulfur-functionalized polyoxometalate based systems using {Mo ₂ S ₂ O ₂ } and {Mo ₃ S ₄ } as constitutional units, linkers or templates. <i>Chemical Society Reviews</i> , 2012 , 41, 7335-53	58.5	86
440	Synthetic Tuning of Redox, Spectroscopic, and Photophysical Properties of {Mo ₆ I ₈ }(4+) Core Cluster Complexes by Terminal Carboxylate Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 8437-45	5.1	79
439	A photobleaching resistant polymer supported hexanuclear molybdenum iodide cluster for photocatalytic oxygenations and photodynamic inactivation of Staphylococcus aureus. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5975-5979	7.3	69
438	Supramolecular compounds of cucurbituril with molybdenum and tungsten chalcogenide cluster aqua complexes. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1041-1060	1.7	69
437	Antimony (V) Complex Halides: Lead-Free Perovskite-Like Materials for Hybrid Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1701140	21.8	57
436	Nonconventional Three-Component Hierarchical Host-Guest Assembly Based on Mo-Blue Ring-Shaped Giant Anion, β-Cyclodextrin, and Dawson-type Polyoxometalate. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14376-14379	16.4	55
435	Alkynyl complexes of high-valence clusters. synthesis and luminescence properties of [Mo ₆ I ₈ (C≡CC(O)OMe) ₆] ₂ -, the first complex with exclusively organometallic outer ligands in the family of octahedral {M ₆ X ₈ } clusters. <i>Inorganic Chemistry</i> , 2013 , 52, 12477-81	5.1	51
434	Halogen Contacts-Induced Unusual Coloring in Bi Bromide Complex: Anion-to-Cation Charge Transfer via Br···Br Interactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 15612-15616	4.8	50
433	Metal Incorporation into and Dimerization of M(3)E(4) Clusters (M=Mo, W; E=S, Se) in Supramolecular Assemblies with Cucurbituril: A Molecular Model of Intercalation This work was supported by the Russian Foundation for Basic Research (research grant 99-03-32788) and an EU INTAS collaboration (research grant 96-1256). A.V.M. thanks the Royal Society for financial supporting of his visit to the University of Newcastle upon Tyne. We also thank the EPSRC (UK) for funding. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1659-1661	16.4	50

432	Probing Dynamic Library of Metal-Oxo Building Blocks with β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11198-11201	16.4	46
431	Supramolecular assemblies based on cucurbituril adducts of hydrogen-bonded molybdenum and tungsten incomplete cuboidal aqua complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 2227-30	5.1	45
430	Grafting {Cp*Rh}(2+) on the surface of Nb and Ta Lindqvist-type POM. <i>Dalton Transactions</i> , 2015 , 44, 2234-9	4.3	44
429	One-dimensional polymeric polybromotellurates(IV): structural and theoretical insights into halogen-halogen contacts. <i>CrystEngComm</i> , 2017 , 19, 5934-5939	3.3	44
428	Synthesis and crystal structure of unprecedented oxo/hydroxo-bridged polynuclear gallium(III) aqua complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 4133-5	5.1	44
427	Phosphorous acid and arsenious acid as ligands. <i>Inorganic Chemistry</i> , 2001 , 40, 4816-7	5.1	44
426	Chalcogenide clusters of vanadium, niobium and tantalum. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 925-944	23.2	43
425	Polymeric iodobismuthates {[BiI10]} and {[BiI4]} with N-heterocyclic cations: promising perovskite-like photoactive materials for electronic devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5957-5966	13	40
424	Photogeneration of hydrogen from water by hybrid molybdenum sulfide clusters immobilized on titania. <i>ChemSusChem</i> , 2015 , 8, 148-57	8.3	39
423	Bi(III) polybromides: a new chapter in coordination chemistry of bismuth. <i>Chemical Communications</i> , 2016 , 52, 5061-3	5.8	39
422	Jørgensen complex within a molecular container: selective encapsulation of trans-[Co(en)2Cl2]+ into cucurbit[8]uril and influence of inclusion on guest's properties. <i>Inorganic Chemistry</i> , 2006 , 45, 6950-5	5.1	39
421	Bromine-rich complexes of bismuth: experimental and theoretical studies. <i>Dalton Transactions</i> , 2018 , 47, 2683-2689	4.3	38
420	Coordination-induced condensation of [Ta6O19](8-): synthesis and structure of [(C6H6)Ru]2Ta6O19(4-) and [(C6H6)RuTa6O18]2(ED)(10-). <i>Inorganic Chemistry</i> , 2014 , 53, 12791-8	5.1	38
419	Cluster oxalate complexes [M3(μ 3-Q)(μ 2-Q)2(C2O4)3]2- and [Mo3(μ 3-Q)(μ 2-Q)3(C2O4)3(H2O)3]2- (M = Mo, W; Q = S, Se): mechanochemical synthesis and crystal structure. <i>Inorganic Chemistry</i> , 2005 , 44, 2431-6	5.1	38
418	Bromo- and Polybromoantimonates(V): Structural and Theoretical Studies of Hybrid Halogen-Rich Halometalate Frameworks. <i>Chemistry - A European Journal</i> , 2018 , 24, 10165	4.8	36
417	Host-Guest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and β -Cyclodextrin. <i>Chemistry - A European Journal</i> , 2018 , 24, 13467-13478	4.8	36
416	Superior performance of macroporous over gel type polystyrene as a support for the development of photo-bactericidal materials. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6058-6064	7.3	36
415	Synthesis, Structure, and Properties of Molybdenum and Tungsten Cyano Complexes with Cuboidal M(4)(μ 3-E)(4) (M = Mo, W; E = S, Se, Te) Cores. <i>Inorganic Chemistry</i> , 1999 , 38, 1956-1965	5.1	36

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- 412 Chalcogenide clusters of Groups 8–10 noble metals. *Coordination Chemistry Reviews*, **2012**, 256, 1972-1991 3.2 34
- 411 Synthesis and characterization of mixed chalcogen triangular complexes with new Mo₃(μ₃-S)(μ₂-Se₂)₃(4+) and M₃(μ₃-S)(μ₂-Se)₃(4+) (M = Mo, W) cluster cores. *Inorganic Chemistry*, **2009**, 48, 3832-9 5.1 34
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- 397 Luminescent properties of 4,4-bipyridinium chlorobismuthate salt: Strong influence of solvation. *Inorganic Chemistry Communication*, **2015**, 54, 89-91 3.1 29

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- 364 Coordination of Bimuth(III) to Cucurbit[8]uril. Preparation and X-ray Structure of $[\{\text{Bi}(\text{NO}_3)(\text{H}_2\text{O})_5\}_2(\text{Q}_8)][\text{Bi}(\text{NO}_3)_3(\text{H}_2\text{O})_4]_2[\text{Bi}(\text{NO}_3)_5]_2\text{Q}_8\cdot 9\text{H}_2\text{O}$. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2003**, 629, 2440-2442 1.3 24
- 363 Tri- and tetranuclear molybdenum and tungsten chalcogenide clusters: on the way to new materials and catalysts. *Russian Chemical Reviews*, **2018**, 87, 670-706 6.8 24
- 362 New polyoxotantalate salt $\text{Na}_8[\text{Ta}_6\text{O}_{19}]\cdot 24.5\text{H}_2\text{O}$ and its properties. *Journal of Structural Chemistry*, **2011**, 52, 1012-1017 0.9 23
- 361 Supramolecular assemblies of $[\text{Mo}_3\text{Se}_4\text{Cl}_x(\text{H}_2\text{O})_9]^{(4-x)+}$ with cucurbituril; complementarity control through the variation of x. *Inorganica Chimica Acta*, **2002**, 331, 31-38 2.7 22

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358	Halogen bonding-assisted assembly of bromoantimonate(V) and polybromide-bromoantimonate-based frameworks. <i>CrystEngComm</i> , 2019 , 21, 850-856	3.3	21
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354	Stabilization of the previously unknown tautomer HP(OH) ₂ of hypophosphorous acid as ligand; preparation of [W ₃ (Ni(HP(OH) ₂))Q ₄ (H ₂ O) ₉] ⁴⁺ (Q = S, Se) complexes. <i>Chemical Communications</i> , 2003 , 140-1	5.8	21
353	Cation-Dependent Self-assembly of Vanadium Polyoxoniobates. <i>Inorganic Chemistry</i> , 2016 , 55, 12807-12814	5.14	21
352	Interfacial uploading of luminescent hexamolybdenum cluster units onto amino-decorated silica nanoparticles as new design of nanomaterial for cellular imaging and photodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 387-396	9.3	21
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350	Chlorobismuthates Trapping Dibromine: Formation of Two-Dimensional Supramolecular Polyhalide Networks with Br ₂ Linkers. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4925-4929	2.3	20
349	Complexes of {W ₆ I ₈ } ⁴⁺ Clusters with Carboxylates: Preparation, Electrochemistry, and Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4131-4137	2.3	20
348	Organometallic derivatives of Rh- and Ir-substituted polyoxotungstates with Keggin structure: reactivity screening by electrospray ionization mass-spectrometry. <i>Dalton Transactions</i> , 2012 , 41, 9889-92	4.3	20
347	Inclusion of nickel(II) and copper(II) complexes with aliphatic polyamines in cucurbit[8]uril. <i>Russian Chemical Bulletin</i> , 2004 , 53, 2519-2524	1.7	20
346	N,N,N',N'-Tetrakis(2-pyridylmethyl)ethylenediamine and its analogues as hypodentate ligands. Synthesis and characterization of the rhodium(III), ruthenium(II), and palladium(II) complexes. <i>Inorganic Chemistry</i> , 2002 , 41, 6237-43	5.1	20
345	Triblock copolymer-based luminescent organic/inorganic hybrids triggered by heating and fluoroquinolone antibiotics. <i>Polymer</i> , 2015 , 72, 98-103	3.9	19
344	One- and Two-Dimensional Iodine-Rich Iodobismuthate(III) Complexes: Structure, Optical Properties, and Features of Halogen Bonding in the Solid State. <i>Inorganic Chemistry</i> , 2020 , 59, 3290-3296	5.1	19
343	Triangular telluride complexes containing a cluster fragment [M ₃ (μ ₃ -Te)(μ ₂ -Te ₂) ₃] ⁴⁺ (M = Mo, W): Study of specific non-valence interactions. <i>Journal of Structural Chemistry</i> , 2006 , 47, 326-338	0.9	19

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5	Mixed Amidohalotantalates [Ta(NMe ₂) ₃ X ₃] \cdot $\frac{1}{2}$ [X = F, Cl]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 593-599	1.6	
4	Synthesis and Characterization of the New Cluster Complex {Mo ₃ S ₄ } with the Hemilabile Phosphine-Selenoether Ligand. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 209-218	1.6	
3	AgNO ₃ COMPLEXES WITH 15-CROWN-5 AND DIBENZO-18-CROWN-6. <i>Journal of Structural Chemistry</i> , 2021 , 62, 711-717	0.9	
2	2-METHYLPYRIDINIUM SALT OF PENTAIODOBENZOIC ACID: ROLE OF THE HALOGEN BOND IN THE FORMATION OF A CRYSTAL PACKING. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1237-1242	0.9	
1	Amidophenolate Tantalum Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 587-592	1.6	

