

# Kenji Nomiya

## List of Publications by Year in descending order

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168  
papers

5,964  
citations

57758

44  
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91884

69  
g-index

178  
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178  
docs citations

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times ranked

4071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Water-Soluble Silver(I) Complexes with L-Histidine (H2his) and (S)-2-Pyrrolidone-5-carboxylic Acid (H2pyrrld) Showing a Wide Spectrum of Effective Antibacterial and Antifungal Activities. Crystal Structures of Chiral Helical Polymers $[Ag(Hhis)]_n$ and $\{[Ag(Hpyrrld)]_2\}_n$ in the Solid State. <i>Inorganic Chemistry</i> , 2000, 39, 3301-3311.	4.0	225
2	Synthesis, structural characterization and antimicrobial activities of 12 zinc(II) complexes with four thiosemicarbazone and two semicarbazone ligands. <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 298-310.	3.5	222
3	Synthesis, structural characterization and antimicrobial activities of 4- and 6-coordinate nickel(II) complexes with three thiosemicarbazones and semicarbazone ligands. <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 55-65.	3.5	189
4	Synthesis and structural characterization of silver(I), aluminium(III) and cobalt(II) complexes with 4-isopropyltropolone (hinokitiol) showing noteworthy biological activities. Action of silver(I)-oxygen bonding complexes on the antimicrobial activities. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 46-60.	3.5	186
5	Ag(I)-N bond-containing compound showing wide spectra in effective antimicrobial activities: Polymeric silver(I) imidazolate. <i>Journal of Inorganic Biochemistry</i> , 1997, 68, 39-44.	3.5	168
6	Anderson-type heteropolyanions of molybdenum(VI) and tungsten(VI). <i>Polyhedron</i> , 1987, 6, 213-218.	2.2	126
7	Synthesis and crystal structure of coinage metal(I) complexes with tetrazole (Htetz) and triphenylphosphine ligands, and their antimicrobial activities. A helical polymer of silver(I) complex $[Ag(tetz)(PPh_3)_2]_n$ and a monomeric gold(I) complex $[Au(tetz)(PPh_3)]$ . <i>Inorganica Chimica Acta</i> , 2000, 298, 24-32.	2.4	125
8	Syntheses, crystal structures and antimicrobial activities of polymeric silver(I) complexes with three amino-acids [aspartic acid (H2asp), glycine (Hgly) and asparagine (Hasn)] Note: For ease of reference during discussion of their anions, H2asp, Hgly and Hasn have been used as the abbreviations for the neutral amino-acids, rather than the conventional Asp, Gly and Asn, respectively. <i>Dalton Transactions RSC</i> , 2002, , 2483-2490.	2.3	120
9	Synthesis and crystal structure of a hexanuclear silver(I) cluster $[Ag(Hmna)]_6 \cdot 4H_2O$ (H2mna = 2-mercaptocotinic acid) and a supramolecular gold(I) complex $H[Au(Hmna)_2]$ in the solid state, and their antimicrobial activities. <i>Dalton Transactions RSC</i> , 2000, , 2091-2097.	2.3	116
10	Synthesis and Structure of a Water-Soluble Hexanuclear Silver(I) Nicotinate Cluster Comprised of a Cyclohexane-Chair-Type of Framework, Showing Effective Antibacterial and Antifungal Activities: Use of Sparse Matrix Techniques for Growing Crystals of Water-Soluble Inorganic Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 8028-8032.	4.0	111
11	Syntheses and X-ray Crystal Structures of Zirconium(IV) and Hafnium(IV) Complexes Containing Monovacant Wells-Dawson and Keggin Polyoxotungstates. <i>Inorganic Chemistry</i> , 2006, 45, 8108-8119.	4.0	111
12	Polyoxoanion-Supported Catalyst Precursors. Synthesis and Characterization of the Iridium(I) and Rhodium(I) Precatalysts $[(n-C_4H_9)_4N]_5Na_3[(1,5-COD)M] \cdot P_2W_{15}Nb_3O_{62}$ (M = Ir, Rh). <i>Inorganic Chemistry</i> , 1995, 34, 1413-1429.	4.0	107
13	Syntheses, structures and antimicrobial activities of water-soluble silver(I)-oxygen bonding complexes with chiral and racemic camphanic acid (Hca) ligands. <i>Dalton Transactions</i> , 2004, , 3732-3740.	3.3	97
14	Syntheses, crystal structures and antimicrobial activities of monomeric 8-coordinate, and dimeric and monomeric 7-coordinate bismuth(III) complexes with tridentate and pentadentate thiosemicarbazones and pentadentate semicarbazone ligands. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 601-615.	3.5	94
15	Synthesis, crystal structure and antimicrobial activities of two isomeric gold(I) complexes with nitrogen-containing heterocycle and triphenylphosphine ligands, $[Au(L)(PPh_3)]$ (HL=pyrazole and Tj ETQq1 1 0.784314 rgBTj/Overlo		
16	Trisubstituted Heteropolytungstates as Soluble Metal-Oxide Analogs. Isolation and Characterization of $[(C_5Me_5)Rh] \cdot P_2W_{15}Nb_3O_{62}]_7^-$ and $[(C_6H_6)Ru] \cdot P_2W_{15}Nb_3O_{62}]_7^-$ , Including the First Crystal Structure of a Dawson-Type Polyoxoanion-Supported Organometallic Complex. <i>Inorganic Chemistry</i> , 1995, 34, 767-777.	4.0	87
17	Functional action of Keggin-type mono-vanadium(V)-substituted heteropolymolybdate as a single species on catalytic hydroxylation of benzene in the presence of hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 1997, 126, 43-53.	4.8	79
18	Catalysis by heteropolyacids VIII. Immobilization of keggin-type heteropolyacids on poly(4-vinylpyridine). <i>Polyhedron</i> , 1986, 5, 1031-1033.	2.2	78

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19	Tetrameric, Trititanium(IV)-Substituted Polyoxotungstates with an $\alpha$ -Dawson Substructure as Soluble Metal-Oxide Analogues: Molecular Structure of the Giant $\alpha$ -Tetrapod $\{[\pm 1,2,3\text{-P}2\text{W}15\text{Ti}3\text{O}62]_4\{1/43\text{-Ti}(\text{OH})_3\}_4\text{Cl}\}_4$ . <i>Chemistry - A European Journal</i> , 2003, 9, 4077-4083.	3.3	77
20	Insulin mimetic effect of a tungstate cluster. Effect of oral administration of homo-polyoxotungstates and vanadium-substituted polyoxotungstates on blood glucose level of STZ mice. <i>Journal of Inorganic Biochemistry</i> , 2001, 86, 657-667.	3.5	72
21	Oxidation of toluene and nitrobenzene with 30% aqueous hydrogen peroxide catalyzed by vanadium(V)-substituted polyoxometalates. <i>Journal of Molecular Catalysis A</i> , 2001, 176, 79-86.	4.8	72
22	Polyoxoanions as soluble metal oxide analogs. 5. Synthesis and characterization of polyoxoanion-supported, atomically dispersed iridium(I), (1,5-COD)Ir.cntdot.P2W15Nb3O628-. <i>Inorganic Chemistry</i> , 1990, 29, 1784-1787.	4.0	71
23	Ligand-exchangeability of 2-coordinate phosphinegold(I) complexes with AuSP and AuNP cores showing selective antimicrobial activities against Gram-positive bacteria. Crystal structures of $[\text{Au}(2\text{-Hmpa})(\text{PPh}_3)]$ and $[\text{Au}(6\text{-Hmna})(\text{PPh}_3)]$ (2-H2mpa=2-mercaptopropionic acid.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 572</i>	3.5	71
24	Hydroxylation of benzene catalyzed by selectively site-substituted vanadium(V) heteropolytungstates in the presence of hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 1996, 114, 181-190.	4.8	68
25	Chemistry of Group IV Metal Ion-Containing Polyoxometalates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 179-196.	2.0	67
26	Synthesis and Structural Characterization of Silver(I) and Gold(I) Complexes with 2-Mercaptopyridine and Triphenylphosphine Ligands, and Their Antimicrobial Activities. Crystal Structures of Monomeric, 3- and 4-Coordinate Silver(I) Complexes $[\text{Ag}(\text{Hmna})(\text{PPh}_3)_2]$ and $[\text{Ag}(\text{Hmna})(\text{PPh}_3)_3]$ in the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 1143-1152.	3.2	66
27	Synthesis and X-ray characterization of helical polymer complexes $[\text{Ag}(1,2,3\text{-L})(\text{PPh}_3)_2]_n$ and $[\text{Ag}(1,2,4\text{-L})(\text{PPh}_3)_2]_n$ (HL=...=...triazole) and their antimicrobial activities. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1653-1660.	1.1	64
28	Multicenter active sites of vanadium-substituted polyoxometalate catalysts on benzene hydroxylation with hydrogen peroxide and two reaction types with and without an induction period. <i>Journal of Molecular Catalysis A</i> , 2000, 152, 55-68.	4.8	64
29	Syntheses, crystal structures and antimicrobial activities of 6-coordinate antimony(III) complexes with tridentate 2-acetylpyridine thiosemicarbazone, bis(thiosemicarbazone) and semicarbazone ligands. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1176-1186.	3.5	64
30	Charge-transfer absorption spectra of some tungsten(VI) and molybdenum(VI) polyoxoanions. <i>Polyhedron</i> , 1987, 6, 519-524.	2.2	61
31	Synthesis and characterization of a monoruthenium(III)-substituted Dawson polyoxotungstate derived by Br <sub>2</sub> oxidation of the $[\pm 2\text{-P}2\text{W}17\text{O}61]_{10}$ and $[\pm 2\text{-P}2\text{W}17\text{O}61]_{10}$ . The reactivity of cis- $[\text{RuCl}_2(\text{DMSO})_4]$ as a ruthenium source. <i>Dalton Transactions RSC</i> , 2001, , 1506-1512.	2.3	57
32	Syntheses, Structures, and Antimicrobial Activities of Remarkably Light-Stable and Water-Soluble Silver Complexes with Amino Acid Derivatives, Silver(I)N-Acetylmethioninates. <i>Inorganic Chemistry</i> , 2012, 51, 1640-1647.	4.0	57
33	Synthesis and characterization of oligomeric, anionic thiomalato-silver(I) complexes with biological activities. <i>Polyhedron</i> , 1995, 14, 1359-1367.	2.2	56
34	Polyoxoanions as soluble metal oxide analogs. Synthesis and characterization of the polyoxoanion-supported iridium(I) complex (1,5-COD)Ir.cntdot.SiW9Nb3O406-. <i>Inorganic Chemistry</i> , 1993, 32, 6040-6045.	4.0	52
35	Synthesis and Characterization of Two Novel, Mono-Lacunary Dawson Polyoxometalate-Based, Water-Soluble Organometallic Ruthenium(II) Complexes: Molecular Structure of $[\{(\text{C}_6\text{H}_6)\text{Ru}(\text{H}_2\text{O})\}_2\{\pm 2\text{-P}2\text{W}17\text{O}61\}]_8$ -. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 163-171.	2.0	52
36	Synthesis and characterization of tri-titanium(IV)-1,2,3-substituted $\alpha$ -Keggin polyoxotungstates with heteroatoms P and Si. Crystal structure of the dimeric, $\text{Ti}_6\text{O}_{48}\text{Ti}$ bridged anhydride form $\text{K}10\text{H}_2[\pm 1,2,3\text{-P}2\text{W}18\text{Ti}_6\text{O}77] \cdot 17\text{H}_2\text{O}$ and confirmation of dimeric forms in aqueous solution by ultracentrifugation molecular weight measurements. <i>Dalton Transactions RSC</i> , 2001, , 2872-2878.	2.3	51

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37	Transformation of polymeric silver(I) imidazolate to monomeric imidazolotris(triphenylphosphine) silver(I) complex. Synthesis of [Ag(imd)(PPh <sub>3</sub> ) <sub>3</sub> ] (Himd=Imidazole) and its characterization in the solid-state and in solution. <i>Journal of Inorganic Biochemistry</i> , 1998, 69, 9-14.	3.5	50
38	Catalysis by 12-Heteropolymolybdc Acid. II. Friedel-Crafts-type Reaction of Aromatic Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 1980, 53, 2089-2090.	3.2	49
39	Tetrahedral Transition Metal Complexes of [MW <sub>12</sub> O <sub>40</sub> ]-type (M=CuII, FeIII, CoII) with Dodecatungstate as Tetrahedral Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 1981, 54, 2983-2987.	3.2	48
40	Molecular design, crystal structure, antimicrobial activity and reactivity of light-stable and water-soluble Ag <sup>+</sup> -O bonding silver(I) complexes, dinuclear silver(I) N-acetylglycinate. <i>Inorganica Chimica Acta</i> , 2006, 359, 4412-4416.	2.4	48
41	Synthesis and crystal structure of three silver(I) complexes with (S <sup>+</sup> )-(+)-5-oxo-2-tetrahydrofurancarboxylic acid (S-Hothf <sup>+</sup> ) and its isomeric forms (R-Hothf and) Tj ETQq1 1 0.784314 rgBT /Over oc polymers in the solid state formed by self-assembly of the dimeric [Ag(othf <sup>+</sup> ) <sub>2</sub> ] <sub>2</sub> cores. <i>Dalton Transactions RSC</i> , 2000, , 1343-1348.	2.3	46
42	Water-soluble organometallic ruthenium(II) complexes supported on Dawson-type polyoxotungstates as precatalysts: Selective oxidation of alcohols with 1 atm molecular oxygen. <i>Catalysis Communications</i> , 2006, 7, 413-416.	3.3	46
43	Benzene hydroxylation with hydrogen peroxide catalyzed by vanadium(V)-substituted polyoxomolybdates. <i>Journal of Molecular Catalysis A</i> , 2000, 156, 143-152.	4.8	45
44	Isolation and Molecular Structure of a Monomeric, Tris[peroxotitanium(IV)]-Substituted $\gamma$ -Dawson Polyoxometalate Derived from the Tetrameric Anhydride Form Composed of Four Tris[titanium(IV)]-Substituted $\gamma$ -Dawson Substructures and Four Bridging Titanium(IV) Octahedral Groups. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4646-4652.	2.0	44
45	A first example of polyoxotungstate-based giant molecule. Synthesis and molecular structure of a tetrapod-shaped Ti <sup>+</sup> -O <sup>+</sup> -Ti bridged anhydride form of Dawson tri-titanium(iv)-substituted polyoxotungstate. <i>Dalton Transactions</i> , 2003, , 3581-3586.	3.3	43
46	Structural stability index of heteropoly- and isopoly-anions. <i>Polyhedron</i> , 1984, 3, 341-346.	2.2	42
47	Water-soluble silver(I) complexes of (R)-(+)- and (S <sup>+</sup> )-(â <sup>+</sup> )-2-pyrrolidone-5-carboxylic acid and their antimicrobial activities. Chiral helical polymer and polymer sheet structures in the solid-state formed by self-assembly of dimeric [Ag(Hpyrrld)] <sub>2</sub> cores. <i>Dalton Transactions RSC</i> , 2000, , 4369-4373.	2.3	42
48	Synthesis of novel gold(I) complexes derived by AgCl-elimination between [AuCl(PPh <sub>3</sub> )] and silver(I) heterocyclic carboxylates, and their antimicrobial activities. Molecular structure of [Au(R,S-Hpyrrld)(PPh <sub>3</sub> )] (H <sub>2</sub> pyrrld=2-pyrrolidone-5-carboxylic acid). <i>Inorganic Chemistry Communication</i> , 2006, 9, 355-359.	3.9	42
49	Synthesis and pH-variable ultracentrifugation molecular weight measurements of the dimeric, Ti <sup>+</sup> -O <sup>+</sup> -Ti bridged anhydride form of a novel di-TiIV-1,2-substituted $\beta$ -Keggin polyoxotungstate. Molecular structure of the [( $\beta$ -1,2-PW <sub>10</sub> Ti <sub>2</sub> O <sub>39</sub> ) <sub>2</sub> ] <sub>10</sub> <sup>-</sup> polyoxoanion. <i>Dalton Transactions RSC</i> , 2002, , 3679-3685.	2.3	41
50	Polyoxometalate (POM)-based, multi-functional, inorganic <sup>+</sup> organic, hybrid compounds: syntheses and molecular structures of silanol- and/or siloxane bond-containing species grafted on mono- and tri-lacunary Keggin POMs. <i>Dalton Transactions</i> , 2011, 40, 1243-1253.	3.3	40
51	Catalysis by Heteropolyacid. I. Polymerization Reaction of Benzyl Alcohols. <i>Bulletin of the Chemical Society of Japan</i> , 1980, 53, 827-828.	3.2	39
52	Synthesis and structure of dinuclear hafnium(IV) and zirconium(IV) complexes sandwiched between 2 mono-lacunary $\beta$ -Keggin polyoxometalates. <i>Dalton Transactions</i> , 2009, , 5504.	3.3	39
53	Synthesis, characterization, and structure <sup>+</sup> activity relationship of the antimicrobial activities of dinuclear N-heterocyclic carbene (NHC)-silver(I) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 110-117.	3.5	36
54	The strong influence of structures around titanium centers in dimeric mono-, di-, and tri-titanium(IV)-substituted Keggin polyoxotungstates on the catalytic epoxidation of alkenes with H <sub>2</sub> O <sub>2</sub> . <i>Applied Catalysis A: General</i> , 2005, 292, 97-104.	4.3	35

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55	Relation among the 2:2-, 1:1- and 1:2-type complexes of hafnium(IV)/zirconium(IV) with mono-lacunary $\beta$ -Dawson polyoxometalate ligands: Synthesis and structure of the 2:2-type complexes $[\{\beta\text{-P}2\text{W}17\text{O}61\text{M}(\text{H}_2\text{O})\}_2]^{14-}$ (M = Hf, Zr). <i>Inorganica Chimica Acta</i> , 2010, 363, 967-974.	2.4	35
56	Characterization by electrospray ionization (ESI) mass spectrometry of an oligomeric, anionic thiomalato-silver(I) complex showing biological activity. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1679.	2.0	33
57	Light-stable and antimicrobial active silver(I) complexes composed of triphenylphosphine and amino acid ligands: Synthesis, crystal structure, and antimicrobial activity of silver(I) complexes constructed with hard and soft donor atoms ( $n\text{-}\beta\text{-[Ag(L)(PPh}_3)_2]$ with L= $\beta$ -ala $^-$ or asn $^-$ and n=1 or 2). <i>Inorganica Chimica Acta</i> , 2008, 361, 1267-1273.	2.4	33
58	Syntheses, structures and antimicrobial activities of various metal complexes of hinokitiol. <i>Inorganica Chimica Acta</i> , 2009, 362, 43-55.	2.4	33
59	Sandwich-type Hf <sup>IV</sup> and Zr <sup>IV</sup> complexes composed of tri-lacunary Keggin polyoxometalates: structure of $[\text{M}_3(\beta\text{-PW}_9\text{O}_{34})_2]^{9-}$ (M = Ti, Zr, Hf). <i>Inorganic Chemistry</i> , 2006, 45, 1074-1084.	3.3	33
60	Intercluster Compound between a Tetrakis{triphenylphosphinegold(I)}oxonium Cation and a Keggin Polyoxometalate (POM): Formation during the Course of Carboxylate Elimination of a Monomeric Triphenylphosphinegold(I) Carboxylate in the Presence of POMs. <i>Inorganic Chemistry</i> , 2010, 49, 8247-8254.	4.0	33
61	Synthesis, characterization and X-ray crystal structure of $[\text{Ag}(\text{Htsa})(\text{PPh}_3)_3]$ (H <sub>2</sub> tsa=o-HS(C <sub>6</sub> H <sub>4</sub> )CO <sub>2</sub> H). Comparison with $[\text{Au}(\text{Htsa})(\text{PPh}_3)_3]$ . <i>Polyhedron</i> , 1998, 17, 3519-3530.	2.2	32
62	Encapsulation of Anion/Cation in the Central Cavity of Tetrameric Polyoxometalate, Composed of Four Triticium(IV)-Substituted $\beta$ -Dawson Subunits, Initiated by Protonation/Deprotonation of the Bridging Oxygen Atoms on the Intramolecular Surface. <i>Inorganic Chemistry</i> , 2011, 50, 6575-6583.	4.0	32
63	Synthesis and Structure of Dawson Polyoxometalate-Based, Multifunctional, Inorganic-Organic Hybrid Compounds: Organogermyl Complexes with One Terminal Functional Group and Organosilyl Analogues with Two Terminal Functional Groups. <i>Inorganic Chemistry</i> , 2011, 50, 9606-9619.	4.0	31
64	Synthesis and characterization of the tetrameric, tri-titanium(IV)-substituted Wells $\beta$ -Dawson-substructure polyoxotungstate, $[(\text{P}2\text{W}15\text{Ti}_3\text{O}_{60.5})_4]^{36-}$ : the significance of ultracentrifugation molecular weight measurements in detecting aggregated, anhydride forms of polyoxoanions. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 285-304.	2.4	30
65	The Nonasodium Salt of The Tri-Niobium-Substituted Polyoxoanion P <sub>2</sub> W <sub>15</sub> Nb <sub>3</sub> O <sub>629</sub> : A Water Soluble, Readily Crystallized Form of This Dawson-Based Soluble Metal-Oxide Organometallics-Support System. <i>Inorganic Chemistry</i> , 1994, 33, 1469-1472.	4.0	29
66	Novel Ti $\beta$ -O $\beta$ -Ti bonding species constructed in a metal-oxide cluster. <i>Dalton Transactions</i> , 2005, , 3751.	3.3	29
67	Novel Ti $\beta$ -O $\beta$ -Ti Bonding Species Constructed in a Metal $\beta$ -Oxide Cluster: Reaction Products of Bis(oxalato)oxotitanate(IV) with the Dimeric, 1,2-Dititanium(IV)-Substituted Keggin Polyoxotungstate. <i>Inorganic Chemistry</i> , 2006, 45, 8078-8085.	4.0	29
68	An Improved Preparation and Characterization of Tetrahedral Colland CollI Complexes with Dodecatungstate as the Tetrahedral Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 1983, 56, 2272-2275.	3.2	28
69	Catalysis by heteropolyacids $\beta$ . Photocatalytic oxidation of isopropyl alcohol to acetone under oxygen using tetrabutylammonium decatungstate. <i>Polyhedron</i> , 1986, 5, 1267-1271.	2.2	28
70	Catalytic photooxidation of some secondary alcohols by decatungstate isopolyanion and Keggin-type dodecatungstophosphate heteropolyanion in homogeneous system under excess of oxygen and the effect of counterions on redox cycle of polyanions. <i>Inorganica Chimica Acta</i> , 1987, 127, 65-69.	2.4	28
71	Syntheses, Structures, and Antimicrobial Activities of Gold(I) $\beta$ and Copper(I) $\beta$ -Heterocyclic Carbene (NHC) Complexes Derived from Basket-Shaped Dinuclear Ag(I) $\beta$ -NHC Complex. <i>Inorganic Chemistry</i> , 2018, 57, 11322-11332.	4.0	28
72	New Application of Glycerin from a Photochemical Approach: Dihydrogen Formation from Aqueous Glycerin by Use of Giant Polyoxometalate Photocatalysts. <i>Energy &amp; Fuels</i> , 2005, 19, 2209-2213.	5.1	27

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73	A novel Ti <sup>IV</sup> -O <sup>2-</sup> -Ti bonding species constructed in a metal-oxide cluster [Ti(OH <sub>2</sub> )(ox)] <sub>2</sub> ( $\mu_4$ -O)( $\mu_2$ -PW <sub>11</sub> O <sub>39</sub> ) <sub>5</sub> <sup>7-</sup> as a precatalyst: Epoxidation of alkenes with hydrogen peroxide†. <i>Journal of Molecular Catalysis A</i> , 2007, 262, 25-29.	4.8	27
74	Catalysis by heteropolyacid <sup>7-</sup> VII. catalytic oxidation of cyclohexanol by dodecamolybdate. <i>Polyhedron</i> , 1984, 3, 607-610.	2.2	26
75	Synthesis and molecular structures of a novel tetranuclear silver(I) cluster [Ag <sub>2</sub> (Himdc)(PPh <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (H <sub>3</sub> imdc=imidazole-4,5-dicarboxylic acid) and a mononuclear silver(I) complex [Ag(H <sub>2</sub> imdc)(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Inorganic Chemistry Communication</i> , 2006, 9, 107-110.	3.9	26
76	Synthesis, solid-state characterization and antimicrobial activities of three different polymorphs of a copper(II) complex with 4-isopropyltropolone (hinokitil). <i>Inorganica Chimica Acta</i> , 2004, 357, 1168-1176.	2.4	25
77	Synthesis and Characterization of Highly Pure Form of Sodium Salt of Anionic, Thiomalatogold(I) Complex with Antiarthritic Activity. Analogs of Anionic, Thiomalatosilver(I) Complex with Antimicrobial Activity. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 2875-2883.	3.2	23
78	Synthesis and crystal structure of gold(I) complexes with triazole and triphenylphosphine ligands: monomeric complex [Au(1,2,3-L)(PPh <sub>3</sub> )] and dimeric complex [Au(1,2,4-L)(PPh <sub>3</sub> ) <sub>2</sub> (HL <sup>+</sup> =...=...triazole) through an Au <sup>+</sup> -Au bond in the solid state. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 4101-4108.	1.1	23
79	Synthesis, structure and antimicrobial activities of meso silver(I) histidinate [Ag <sub>2</sub> (D-his)(L-his)] <sub>n</sub> (His=histidine) showing different self-assembly from those of chiral silver(I) histidinates. <i>Inorganica Chimica Acta</i> , 2011, 368, 44-48.	2.4	23
80	Tetrahedral metal complexes of [MW <sub>12</sub> O <sub>40</sub> ]-type (M <sup>II</sup> →Al <sup>III</sup> , Zn <sup>II</sup> ) with dodecatungstate as tetrahedral ligand. <i>Polyhedron</i> , 1983, 2, 955-958.	2.2	22
81	Synthesis, reaction and structure of a highly light-stable silver(I) cluster with an Ag <sub>4</sub> S <sub>4</sub> N <sub>4</sub> core having a tridentate 4N-morpholyl 2-acetylpyridine thiosemicarbazone ligand: Use of water-soluble silver(I) carboxylates as a silver(I) source. <i>Dalton Transactions</i> , 2007, , 3646.	3.3	22
82	Syntheses, molecular structures and pH-dependent monomer <sup>+</sup> -dimer equilibria of Dawson $\mu_2$ -monotitanium(IV)-substituted polyoxometalates. <i>Dalton Transactions</i> , 2008, , 4630.	3.3	22
83	Zirconium(IV)- and hafnium(IV)-containing polyoxometalates as oxidation precatalysts: Homogeneous catalytic epoxidation of cyclooctene by hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 224-231.	4.8	22
84	The all-sodium salt of a polyoxoanion-supported organometallic complex: synthesis and characterization of Na <sub>7</sub> [( $\mu_2$ -5-C <sub>5</sub> Me <sub>5</sub> ) Rh <sup>+</sup> -PW <sub>2</sub> W <sub>15</sub> Nb <sub>3</sub> O <sub>62</sub> ] <sup>7-</sup> · 7DMSO · 5H <sub>2</sub> O. <i>Journal of Organometallic Chemistry</i> , 1995, 505, 23-28.	1.8	21
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