Zhan-Gang Han

List of Publications by Year
in descending order

143 papers	3,142 citations	186265 28 h-index	214800 47 g-index
153 all docs	153 docs citations	153 times ranked	1994 citing authors

#	Article	IF	Citations
1	Efficient visible-light-driven reduction of hexavalent chromium catalyzed by conjugated organic species modified hourglass-type phosphomolybdate hybrids. CrystEngComm, 2022, 24, 1002-1009.	2.6	5
2	Hydrogen bond-mediated polyoxometalate-based metal-organic networks for efficient and selective oxidation of aryl alkenes to aldehydes. Tungsten, 2022, 4, 109-120.	4.8	11
3	Hierarchical flower-like CoS2-MoS2 heterostructure spheres as efficient bifunctional electrocatalyst for overall water splitting. International Journal of Hydrogen Energy, 2022, 47, 12629-12641.	7.1	25
4	Unusual hexa-nuclear cadmium cluster functionalized phosphomolybdate as effective photoelectrochemical sensor for trace Cr(VI) detection. Chinese Chemical Letters, 2022, 33, 4400-4404.	9.0	26
5	Central Metals to Guide the Bandgap of Hourglass-type Polyoxometalate Hybrids as Photocatalyst for the Reduction of Cr(VI). Crystal Growth and Design, 2022, 22, 738-746.	3.0	16
6	Copper complexes bearing tridentate salicylaldimine Schiff-base ligands: Synthesis, characterizations and catalytic performance in the oxidation reaction of alcohols. Polyhedron, 2022, 221, 115869.	2.2	2
7	Polyoxometalate-Incorporated Metal-Organic Network as a Heterogeneous Catalyst for Selective Oxidation of Aryl Alkenes. Inorganic Chemistry, 2022, 61, 9421-9432.	4.0	18
8	Copper(II) complexes supported by 8-hydroxyquinoline-imine ligands: Synthesis, characterization and catalysis in aerobic alcohols oxidation. Polyhedron, 2022, 224, 115984.	2.2	7
9	Stable monovalent aluminum(<scp>i</scp>) in a reduced phosphomolybdate cluster as an active acid catalyst. Chemical Science, 2021, 12, 1886-1890.	7.4	19
10	Unravelling the role of polyoxovanadates in electrocatalytic water oxidation reaction: Active species or precursors. Applied Surface Science, 2021, 540, 148306.	6.1	23
11	Ruthenium(<scp>II</scp>) Complexes Bearing Schiff Base Ligands for Efficient Acceptorless Dehydrogenation of Secondary Alcohols^{â€}. Chinese Journal of Chemistry, 2021, 39, 121-128.	4.9	16
12	Trinuclear ruthenium carbonyl complexes with salicylaldimine ligands as efficient catalysts for the oxidation of secondary alcohols. Journal of Organometallic Chemistry, 2021, 932, 121647.	1.8	8
13	Organic Moietyâ€Regulated Photocatalytic Performance of Phosphomolybdate Hybrids for Hexavalent Chromium Reduction. Chemistry - an Asian Journal, 2021, 16, 1584-1591.	3.3	8
14	Preparation of trinuclear ruthenium clusters based on piconol ligands and their application in Oppenauerâ€type oxidation of secondary alcohols. Applied Organometallic Chemistry, 2021, 35, e6336.	3.5	3
15	TiO2-rutile/anatase homojunction with enhanced charge separation for photoelectrochemical water splitting. International Journal of Hydrogen Energy, 2021, 46, 26358-26366.	7.1	29
16	Ultra-trace determination of hexavalent chromium in a wide pH range triggered by heterometallic Cu-Mn centers modified reduced phosphomolybdate hybrids. Chemical Engineering Journal, 2021, 418, 129408.	12.7	37
17	Efficient access to quinolines and quinazolines by ruthenium complexes catalyzed acceptorless dehydrogenative coupling of 2-aminoarylmethanols with ketones and nitriles. Molecular Catalysis, 2021, 514, 111773.	2.0	9
18	Preparation of LDO@TiO₂ coreâ€“shell nanosheets for enhanced photocatalytic degradation of organic pollution. Dalton Transactions, 2021, 50, 17911-17919.	3.3	6

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19	Nickel Complexes Bearing N,N,O-Tridentate Salicylaldiminato Ligand: Efficient Catalysts for Imines Formation via Dehydrogenative Coupling of Primary Alcohols with Amines. Organometallics, 2021, 40, 3843-3853.	2.3	11
20	Triruthenium carbonyl complexes containing bidentate pyridineâ€“alkoxide ligands for highly efficient oxidation of primary and secondary alcohols. Applied Organometallic Chemistry, 2020, 34, e5292.	3.5	6
21	Syntheses and crystal structures of ruthenium carbonyl complexes containing pyridine-alkoxide ligands. Transition Metal Chemistry, 2020, 45, 83-90.	1.4	0
22	Polyoxometalate-based crystalline catalytic materials for efficient electrochemical detection of Cr(VI). Sensors and Actuators B: Chemical, 2020, 305, 127469.	7.8	70
23	Krebs-type polyoxometalate-based crystalline materials: synthesis, characterization and catalytic performance. Journal of Coordination Chemistry, 2020, 73, 2391-2401.	2.2	3
24	Keggin-type polyoxometalate-based supramolecular complex for selective oxidation of styrene to benzaldehyde. Journal of Coordination Chemistry, 2020, 73, 2521-2532.	2.2	9
25	The effect of the photochemical environment on photoanodes for photoelectrochemical water splitting. Dalton Transactions, 2020, 49, 12338-12344.	3.3	13
26	Reduced polyoxometalates and bipyridine ruthenium complex forming a tunable photocatalytic system for high efficient CO2 reduction. Chemical Engineering Journal, 2020, 398, 125518.	12.7	47
27	Hourglass-type polyoxometalate-based crystalline materials as efficient cooperating photocatalysts for the reduction of Cr(<scp>vi</scp>) and oxidation of dyes. Catalysis Science and Technology, 2020, 10, 2593-2601.	4.1	33
28	Aerobic oxidation of primary benzylic amines to amides and nitriles catalyzed by ruthenium carbonyl clusters carrying N,O-bidentate ligands. Dalton Transactions, 2020, 49, 3480-3487.	3.3	11
29	Polyoxometalate-based crystalline materials as a highly sensitive electrochemical sensor for detecting trace Cr(<scp>vi</scp>). Dalton Transactions, 2020, 49, 4570-4577.	3.3	57
30	Impact of oxygen vacancies on TiO₂ charge carrier transfer for photoelectrochemical water splitting. Dalton Transactions, 2020, 49, 2184-2189.	3.3	29
31	Rare Earth Ion Encapsulated Basket-like {GdâŠ‚P₆Mo^V₂Mo^{VI}₁₆O₇₃} Cage as Efficient Electrochemical Sensor and Fluorescent Probe for Cr(VI). Crystal Growth and Design, 2020, 20, 3584-3589.	3.0	20
32	A Bicadmium-Substituted Polyoxometalate Network Based on a Vanadosilicate Cluster for the Selective Oxidation of Styrene to Benzaldehyde. Inorganic Chemistry, 2020, 59, 5803-5807.	4.0	16
33	Ruthenium carbonyl complexes supported by pyridine-alkoxide ligands: synthesis, structure and catalytic oxidation of secondary alcohols. New Journal of Chemistry, 2019, 43, 13947-13953.	2.8	10
34	Krebs-Type {M₂(WO₂)₂[B-Î²-SbW₉O₃₃]₂}^{nâ^’} (M = Sb^{III}, (WO₃)) Tungstoantimonate Possessing Unique Pseudo-Seesaw Sbâ€“O Structure. Inorganic Chemistry, 2019, 58, 9567-9571.	4.0	13
35	Synthesis and Structures of Ruthenium Carbonyl Complexes Bearing Pyridine-Alkoxide Ligands and Their Catalytic Activity in Alcohol Oxidation. Frontiers in Chemistry, 2019, 7, 394.	3.6	6
36	Reduced Phosphomolybdate Hybrids as Efficient Visible-Light Photocatalysts for Cr(VI) Reduction. Inorganic Chemistry, 2019, 58, 16667-16675.	4.0	47

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37	Synthesis of a series of new ruthenium organometallic complexes derived from pyridineâ€imine ligands and their catalytic activity in oxidation of secondary alcohols. Applied Organometallic Chemistry, 2019, 33, e4750.	3.5	11
38	Ruthenium carbonyl complexes bearing bidentate pyridine-alkoxide ligands: Synthesis, crystal structures and reactivity. Inorganica Chimica Acta, 2019, 484, 142-147.	2.4	6
39	Synthesis and characterization of Ag-ligand modified polyoxovanadates with three-dimensional structures. Journal of Solid State Chemistry, 2019, 269, 278-284.	2.9	11
40	Syntheses, structures, and catalytic activity in Friedelâ€“Crafts acylations of substituted tetramethylcyclopentadienyl molybdenum carbonyl complexes. Transition Metal Chemistry, 2018, 43, 313-322.	1.4	0
41	Supramolecular cooperative interaction-induced assembly of phosphotungstate polyanions and sulfur-containing pyridine-based cations. CrystEngComm, 2018, 20, 1588-1596.	2.6	5
42	Influence of Pb element on the catalytic properties of {P4Mo6}-polyoxometalate for redox reactions. Dalton Transactions, 2018, 47, 3356-3365.	3.3	27
43	Syntheses, structures and catalytic activities of molybdenum carbonyl complexes based on pyridine-imine ligands. Transition Metal Chemistry, 2018, 43, 193-199.	1.4	4
44	Phosphotungstic salt used as an efficient catalyst to rapidly remove RhB from water solution. Journal of Coordination Chemistry, 2018, 71, 1-11.	2.2	27
45	Ruthenium carbonyl complexes with pyridylalkanol ligands: synthesis, characterization and catalytic properties for aerobic oxidation of secondary alcohols. New Journal of Chemistry, 2018, 42, 6968-6975.	2.8	18
46	Novel fully reduced phosphomolybdates for highly efficient removal of inorganic hexavalent chromium and the organic dye methylene blue. Dalton Transactions, 2018, 47, 15121-15130.	3.3	23
47	Crystal structures of hybrid completely reduced phosphomolybdates and catalytic performance applied as molecular catalysts for the reduction of chromium(VI). Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1310-1324.	0.5	6
48	Synthesis of Hybrid Phosphomolybdates and Application as Highly Stable and Effective Catalyst for the Reduction of Cr(VI). Inorganic Chemistry, 2018, 57, 11474-11481.	4.0	27
49	Ruthenium carbonyl complexes with pyridine-alkoxide ligands: synthesis, characterization and catalytic application in dehydrogenative oxidation of alcohols. New Journal of Chemistry, 2018, 42, 15472-15478.	2.8	12
50	Efficient aerobic oxidation of alcohols to aldehydes and ketones using a ruthenium carbonyl complex of a tert-butyl-substituted tetramethylcyclopentadienyl ligand as catalyst. Transition Metal Chemistry, 2018, 43, 635-640.	1.4	6
51	Synthesis, characterization and catalytic activities of rhenium carbonyl complexes bearing pyridine-alkoxide ligands. Journal of Organometallic Chemistry, 2018, 870, 51-57.	1.8	14
52	Syntheses, structures and catalytic activity for Friedel-Crafts reactions of substituted indenyl rhenium carbonyl complexes. Journal of Coordination Chemistry, 2017, 70, 709-721.	2.2	6
53	Phosphomolybdate assembly as a low-cost catalyst for the reduction of toxic Cr(<scp>vi</scp>) in aqueous solution. Dalton Transactions, 2017, 46, 7917-7925.	3.3	23
54	Ag-ligand modified tungstovandates and their efficient catalysis degradation properties for methylene blue. Journal of Solid State Chemistry, 2017, 246, 258-263.	2.9	11

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55	Synthesis and catalytic activity of rhenium carbonyl complexes containing alkyl-substituted tetramethylcyclopentadienyl ligands. Transition Metal Chemistry, 2017, 42, 137-144.	1.4	3
56	A highly aluminum-doped Î²-isomer Keggin-type tungstoaluminate. Dalton Transactions, 2016, 45, 14044-14048.	3.3	2
57	Sandwich-Type Polyoxotungstate Consisting of Two Different Trilacunary Keggin-Type Units. Inorganic Chemistry, 2016, 55, 12488-12491.	4.0	9
58	Polyanionic Clusters [M(P4Mo6)2] (M = Ni, Cd) as Effective Molecular Catalysts for the Electron-Transfer Reaction of Ferricyanide to Ferrocyanide. Inorganic Chemistry, 2016, 55, 6435-6442.	4.0	28
59	Synthesis and catalytic activity of monobridged bis(cyclopentadienyl)rhenium carbonyl complexes. Transition Metal Chemistry, 2016, 41, 647-653.	1.4	9
60	Synthesis and catalytic reactivity of mononuclear substituted tetramethylcyclopentadienyl molybdenum carbonyl complexes. Transition Metal Chemistry, 2016, 41, 225-233.	1.4	5
61	Reduced Phosphomolybdates as Molecular Catalysts for Hexavalent Chromium Reduction. European Journal of Inorganic Chemistry, 2015, 2015, 5351-5356.	2.0	7
62	Three-Dimensional Supramolecular of 2-(Î³-Aminopropyl)benzimidazole Dichloride Dihydrate via Various Hydrogen Bonds and XÂ·Â·Â·Ï€ (X = Ï€, CH) Interactions: Synthesis, Crystal Structure, Characterization, and Biochemical Property. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 621-627.	0.6	1
63	Copperâ€“Organic Cationic Ring with an Inserted Arsenicâ€“Vanadium Polyanionic Cluster for Efficient Catalytic Cr^{VI} Reduction Using Formic Acid. Inorganic Chemistry, 2015, 54, 1215-1217.	4.0	47
64	Highly reduced molybdophosphate as a noble-metal-free catalyst for the reduction of chromium using formic acid as a reducing agent. Journal of Materials Chemistry A, 2015, 3, 6019-6027.	10.3	74
65	Manganese-phosphomolybdate molecular catalysts for the electron transfer reaction of ferricyanide to ferrocyanide. RSC Advances, 2015, 5, 47004-47009.	3.6	19
66	Supramolecular hybrids of polytungstates and their adsorption properties for methylene blue. Journal of Solid State Chemistry, 2015, 231, 169-174.	2.9	11
67	Polyanionic clusters embedded in lattice-type hydrogen bonding networks involving in situ bond activation and coupling of organic cations. CrystEngComm, 2015, 17, 7339-7345.	2.6	10
68	Reactivity of a trinuclear ruthenium complex involving Câ€“H activation and insertion of alkene. New Journal of Chemistry, 2015, 39, 1075-1082.	2.8	10
69	Two Layerlike Supramolecular Assemblies Based on Bâ€Andersonâ€Type Polyanionic Clusters and Their Adsorption Property. European Journal of Inorganic Chemistry, 2014, 2014, 5969-5976.	2.0	22
70	Synthesis of a novel CuI/CuII-containing sandwich-type cluster and its catalytic electron transfer property. RSC Advances, 2014, 4, 63670-63676.	3.6	12
71	Synthesis and characterization of two polyoxometalates consisting of different Cu-ligand hydrogen phosphate units. Journal of Solid State Chemistry, 2014, 211, 200-205.	2.9	19
72	Transition-metal ion modified monolacunary tungstates: Synthesis, structural characterization and property. Inorganica Chimica Acta, 2014, 414, 46-52.	2.4	7

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73	An Unusual Metallic Oxygen Cluster Consisting of a {AlMo12O40(MoO2)}. Inorganic Chemistry, 2014, 53, 670-672.	4.0	20
74	Five dinuclear iron carbonyl complexes based on substituted tetramethylcyclopentadienyl ligands: synthesis and crystal structures. Journal of Coordination Chemistry, 2014, 67, 64-71.	2.2	1
75	A novel LaMo double-metal polymer from hydrothermal reaction involving in situ formation of oxalate ligand. Journal of Molecular Structure, 2014, 1068, 270-274.	3.6	3
76	Synthesis and Characterization of a New Bi-Supported Dawson-Like Heteropolytungstate. Journal of Chemical Crystallography, 2013, 43, 1-5.	1.1	1
77	Two new polyoxometalate-based hybrids consisting of Keggin-type cluster modified by {Ag4} group. Journal of Solid State Chemistry, 2013, 207, 178-183.	2.9	9
78	Crystal structures of dimolybdenum carbonyl complexes containing the cyclopentadienyl-thienyl ligand. Journal of Structural Chemistry, 2012, 53, 780-785.	1.0	0
79	Two three-dimensional {V16Ge4}-based open frameworks stabilized by diverse types of CoII-amine bridges and magnetic properties. Dalton Transactions, 2012, 41, 6122.	3.3	21
80	Bi-antimony capped Keggin polyoxometalate modified with Cu-ligand fragment. Journal of Solid State Chemistry, 2012, 194, 65-70.	2.9	9
81	A New Coordination Polymer of Zn(II)-btc (H3btcÂ=ÂBenzene-1,3,5-tricarboxylic acid) with Protonated Acridine: Synthesis, Crystal Structure and Spectroscopic Properties. Journal of Chemical Crystallography, 2012, 42, 1007-1013.	1.1	3
82	Novel hexagonal {Vi€O}₆-containing sandwich-type cluster accompanied by in situcarbonâ€“carbon bond formation of organic cations. Dalton Transactions, 2012, 41, 1332-1337.	3.3	27
83	Multiple supported Keggin-type polyoxometalate polymer built upon weak copperâ€“oxygen interaction. Inorganica Chimica Acta, 2012, 382, 105-110.	2.4	7
84	Two {Mo36}-containing polymolybdates: Synthesis, crystal structures, and spectral characterizations. Inorganic Chemistry Communication, 2012, 16, 61-64.	3.9	7
85	Synthesis and structures of bridged biscyclopentadienyl diiron complexes. Transition Metal Chemistry, 2012, 37, 135-140.	1.4	3
86	Hydrothermal synthesis and structural characterization of two new polytungstate-based hybrids. Journal of Coordination Chemistry, 2011, 64, 1525-1532.	2.2	15
87	Noncovalent interaction directing polyoxometalate assembly based on the coordination flexibility of Cu and Ag. Solid State Sciences, 2011, 13, 1560-1566.	3.2	9
88	Synthesis and Crystal Structure of a Pure Inorganic Network Based Tetra-Sodium Capped Sandwich-Type Polyanion. Journal of Chemical Crystallography, 2011, 41, 919-923.	1.1	0
89	Synthesis and crystal structures of cyclopentadienyl dimolybdenum carbonyl complexes. Transition Metal Chemistry, 2011, 36, 151-156.	1.4	2
90	Synthesis and structures of fulvene-bridged diruthenium complexes. Transition Metal Chemistry, 2011, 36, 207-210.	1.4	4

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91	Assemblies based on the directing effect of non-classical W18 anionic clusters and the rod-like trans-1,2-di-(4-pyridyl)-ethylen (bpe). Journal of Solid State Chemistry, 2011, 184, 690-697.	2.9	5
92	Recent trends in the use of polyoxometalate-based material for efficient water oxidation. Science China Chemistry, 2011, 54, 1877-1887.	8.2	23
93	Molecular Assemblies Based on Polytungstate Clusters and the Flexible Organic Ligand 1,3â€Bis(4â€pyridyl)propane. European Journal of Inorganic Chemistry, 2011, 2011, 3082-3090.	2.0	11
94	Organic heterocycle-affecting the structural variability of Cd(II)-btc coordination polymers (H3btc =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	18
95	Novel Doped Tungstovanadate and Molybdovanadate with Bi-antimony-Capped Keggin Structure. Australian Journal of Chemistry, 2011, 64, 197.	0.9	13
96	pH-Dependent Assembly of Two Novel Organicâ€“inorganic Hybrids Based on Vanadoantimonate Clusters. Journal of Cluster Science, 2010, 21, 163-171.	3.3	27
97	Syntheses, Crystal Structures and Properties of Two New Transition-Metal-Centered Heteropolytungstates. Journal of Cluster Science, 2010, 21, 713-724.	3.3	6
98	Syntheses, structures and properties of 3D inorganicâ€“organic hybrid frameworks constructed from lanthanide polymer and Keggin-type tungstosilicate. Journal of Solid State Chemistry, 2010, 183, 1000-1006.	2.9	37
99	Two new organicâ€“inorganic hybrid compounds based on metalâ€“pyrazine coordination polymers and Keggin polyoxometalates: effect of metal ions on thestructure. Journal of Solid State Chemistry, 2010, 183, 2925-2931.	2.9	27
100	Molecular assemblies based on the template-directing effect of anionic polyoxometalate clusters and organic cationic flexibility. Polyhedron, 2010, 29, 196-203.	2.2	23
101	Syntheses, structures, and magnetism of {V₁₅M₆O₄₂(OH)₆(Cl)} (M = Si, Ge). Journal of Coordination Chemistry, 2010, 63, 3373-3383.	2.2	16
102	A new layered vanadate complex with a tunnel structure: [{Cu(mbpy)}₂V₈O₂₁] (mbpy = 4,4â€²-dimethyl-2,2â€²-bipyridine). Journal of Coordination Chemistry, 2010, 63, 1690-1699.	2.2	1
103	Transformation from [W6O19]2â^' to [W6O22]8â^' stabilized by Cu(ii) complexation. Dalton Transactions, 2010, 39, 5080.	3.3	8
104	Synthesis, structure and property of a new inorganicâ€“organic hybrid compound [Cu(phen)2][Cu(phen)H2O]2[Mo5P2O23]Â·3.5H2O. Solid State Sciences, 2009, 11, 43-48.	3.2	19
105	One-dimensional polyoxometalate polymer constructed from Vâ€“W cluster by using asymmetrical bipyridine ligand. Solid State Sciences, 2009, 11, 1998-2002.	3.2	25
106	Preparation and Electrochemistry Properties of a New Polyoxometalateâ€Based Supramolecular Assembly. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 2665-2670.	1.2	3
107	A twofold interpenetrating framework based on the Î±-metatungstates. Journal of Solid State Chemistry, 2009, 182, 3399-3405.	2.9	21
108	Structural variability of Cd(II) and Co(II) mixed-ligand coordination polymers: effect of ligand isomerism and metal-to-ligand ratio. CrystEngComm, 2009, 11, 2757.	2.6	46

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109	Lanthanideâ^'Organic Cation Frameworks with Zeolite Gismondine Topology and Large Cavities from Intersected Channels Templated by Polyoxometalate Counterions. Inorganic Chemistry, 2009, 48, 2010-2017.	4.0	118
110	Self-Process-Programmed Structural Diversity in Supramolecular Assembly Based on Polyoxometalate Anion and Halogensubstituted Bipyridine Cation. Crystal Growth and Design, 2009, 9, 1225-1234.	3.0	82
111	Synthesis, crystal structure and properties of two 1D nano-chain coordination polymers constructed by lanthanide with pyridine-3,4-dicarboxylic acid and 1,10-phenanthroline. Journal of Solid State Chemistry, 2008, 181, 1017-1024.	2.9	30
112	A new CuII(4,5-diazafluoren-9-one)-capped Keggin derivative: Hydrothermal synthesis and crystal characterization. Inorganica Chimica Acta, 2008, 361, 1332-1338.	2.4	19
113	Assembly of the Highest Connectivity Wells-Dawson Polyoxometalate Coordination Polymer: the Use of Organic Ligand Flexibility. Inorganic Chemistry, 2008, 47, 3274-3283.	4.0	225
114	One-dimensional coordination polymers constructed from bicapped Keggin polyoxometalate and cyclic tetranuclear CuI cluster bridged by asymmetrical bipyridine derivative. Solid State Sciences, 2008, 10, 1352-1357.	3.2	12
115	Noncovalently Connected Framework Assembled from Unusual Octamolybdate-Based Inorganic Chain and Organic Cation. Crystal Growth and Design, 2008, 8, 1261-1264.	3.0	49
116	A novel inorganic-organic hybrid based on a Wellsâ€"Dawson polyanion containing two types of organic fragments. Journal of Coordination Chemistry, 2007, 60, 1645-1654.	2.2	7
117	Unusual Oxidation of an N-Heterocycle Ligand in a Metalâ^'Organic Framework. Inorganic Chemistry, 2007, 46, 5453-5455.	4.0	37
118	A copperâ€"organic complex from hydrothermal reaction involving in situ aromatic nucleophilic substitution of ligand. Inorganic Chemistry Communication, 2007, 10, 1079-1082.	3.9	10
119	Two novel hybrid inorganicâ€"organic compounds based on Wells-Dawson polyanion and transition metal (TM) complex with one-dimensional structure: Hydrothermal synthesis and characterization. Journal of Molecular Structure, 2007, 832, 117-123.	3.6	38
120	Inorganic-organic Microporous Solid of Wells-Dawson Type Polyoxometalate: Synthesis, Characterization, and Electrochemical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 495-503.	1.2	15
121	Synthesis and Characterization of Two New Transitionâ€Metal Complex Salts of the Wellsâ€Dawson Polyanion. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2730-2737.	1.2	8
122	A new three-dimensional cobalt phosphate: Co5(OH2)4(HPO4)2(PO4)2. Journal of Solid State Chemistry, 2006, 179, 3209-3213.	2.9	10
123	Fabrication and characterization of multilayer films based on Keggin-type polyoxometalate and chitosan. Materials Letters, 2006, 60, 1588-1593.	2.6	68
124	Synthesis and Structural Characterization of Sandwich-Type Keggin-Î³-Lacunary Silicotungstates with an Open Wellsâ€"Dawson-Like Structure. European Journal of Inorganic Chemistry, 2006, 2006, 4827-4833.	2.0	17
125	Inorganicâ€"organic hybrid polyoxometalate: Preparation, characterization and electrochemistry properties. Journal of Solid State Chemistry, 2005, 178, 1386-1394.	2.9	52
126	A supramolecular assembly of chiral l/d-[Cd(Cl)(H2O)(phen)2]+ and l,l/d,d-dinuclear Cd complex coordinated by phen and {V16O38(Cl)} cluster. Inorganica Chimica Acta, 2005, 358, 403-408.	2.4	24

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127	Target syntheses of saturated Keggin polyoxometalate-based extended solids. Inorganica Chimica Acta, 2005, 358, 3701-3710.	2.4	19
128	Keggin polyoxometalate with pendant tricyclic, aromatic entity. Journal of Molecular Structure, 2005, 738, 1-7.	3.6	31
129	Hydrothermal synthesis and crystal structure of a mixed-valence Cu(I)/Cu(II) complex: [Cu4(ophen)4(mtp)] (Hophen=2-hydroxy-1,10â€²-phenanthroline, mtp=2-methyl-terephthalate acid). Journal of Molecular Structure, 2005, 734, 171-176.	3.6	31
130	Hydrothermal synthesis and crystal structure of a new mixed-valence mesostructured hexadecavanadate. Journal of Molecular Structure, 2005, 748, 171-176.	3.6	12
131	Inorganicâ€“organic hybrid polyoxometalate containing supramolecular helical chains: Preparation, characterization and application in chemically bulk-modified electrode. Electrochimica Acta, 2005, 51, 218-224.	5.2	110
132	Co-existing intermolecular halogen bonding, aryl packing and hydrogen bonding in driving the self-assembly process of Keggin polyoxometalates. CrystEngComm, 2005, 7, 380.	2.6	60
133	Directed Synthesis of a 1D Double-Chain Polyoxometalate Assembly: {[Ag2(bppy)3][Ag(bppy)2][Ag(bppy)]2PW11Co(bppy)O39}Â·2H2O. European Journal of Inorganic Chemistry, 2005, 2005, 264-271.	2.0	91
134	The Electrochemical Behavior of Keggin Polyoxometalate Modified by Tricyclic, Aromatic Entity. Electroanalysis, 2005, 17, 1097-1102.	2.9	120
135	A novel biological active multilayer film based on polyoxometalate with pendant support-ligand. Journal of Solid State Chemistry, 2005, 178, 3735-3739.	2.9	23
136	Fabrication of photosensitive multilayer films based on polyoxometalate and diazoresin. Journal of Colloid and Interface Science, 2005, 286, 589-595.	9.4	10
137	A novel copper(II) coordination polymer with 2,2â€²-bipyridyl-3,3â€²-dicarboxylic acid. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m48-m50.	0.4	7
138	Supramolecular assembly of organic bicapped Keggin polyoxometalate. Journal of Solid State Chemistry, 2004, 177, 4325-4331.	2.9	40
139	Preparation and characterization of luminescent nanocomposite film containing polyoxometalate. Thin Solid Films, 2004, 446, 161-166.	1.8	36
140	The first polyoxometalate polymer constructed by assembly of the heptamolybdic anion and copper coordination groups. Inorganic Chemistry Communication, 2004, 7, 182-185.	3.9	18
141	Luminescent multilayer film based on mixed-addenda polyoxometalates and polyethyleneimine by layer-by-layer assembly. Applied Surface Science, 2004, 233, 14-19.	6.1	14
142	A novel 3D network coordination polymer consisting of paddlewheel Co 3 clusters connected by PO 4 and 4-pyridinecarboxylate. Inorganic Chemistry Communication, 2003, 6, 1429-1432.	3.9	8
143	Polyoxometalates with supporting phosphate ligand: synthesis and characterization of Î±-[SiW11O39M(H2PO4)]nâ^'. Dalton Transactions, 2003, , 3850-3855.	3.3	18