

ShouTian Zheng

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h-index

99
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296
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ext. citations

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L-index

#	Paper	IF	Citations
246	Recent advances in paramagnetic-TM-substituted polyoxometalates (TM = Mn, Fe, Co, Ni, Cu). <i>Chemical Society Reviews</i> , 2012 , 41, 7623-46	58.5	436
245	Designed synthesis of POM-organic frameworks from {Ni ₆ PW ₉ } building blocks under hydrothermal conditions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3909-13	16.4	401
244	Cubic polyoxometalate-organic molecular cage. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15102-3	16.4	316
243	Pore space partition and charge separation in cage-within-cage indium-organic frameworks with high CO ₂ uptake. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17062-4	16.4	315
242	A 3D coordination framework based on linkages of nanosized hydroxo lanthanide clusters and copper centers by isonicotinate ligands. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1385-8	16.4	307
241	Selective anion exchange with nanogated isorecticular positive metal-organic frameworks. <i>Nature Communications</i> , 2013 , 4, 2344	17.4	305
240	Lanthanide-transition-metal sandwich framework comprising {Cu ₃ } cluster pillars and layered networks of {Er ₃₆ } wheels. <i>Angewandte Chemie - International Edition</i> , 2005 , 45, 73-7	16.4	300
239	A combination of lacunary polyoxometalates and high-nuclear transition-metal clusters under hydrothermal conditions. Part II: From double cluster, dimer, and tetramer to three-dimensional frameworks. <i>Chemistry - A European Journal</i> , 2007 , 13, 10030-45	4.8	224
238	Development of composite inorganic building blocks for MOFs. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4517-20	16.4	203
237	Combination of lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions: IX. a series of novel polyoxotungstates sandwiched by octa-copper clusters. <i>Chemistry - A European Journal</i> , 2008 , 14, 9223-39	4.8	181
236	Urothermal synthesis of crystalline porous materials. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8876-9	16.4	172
235	Single-walled polytetrazolate metal-organic channels with high density of open nitrogen-donor sites and gas uptake. <i>Journal of the American Chemical Society</i> , 2012 , 134, 784-7	16.4	165
234	Poly(polyoxotungstate)s with 20 nickel centers: from nanoclusters to one-dimensional chains. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7176-9	16.4	165
233	Synthesis and photocatalytic properties of a new heteropolyoxoniobate compound: K ₁₀ [Nb ₂ O ₂ (H ₂ O) ₂][SiNb ₁₂ O ₄₀]·2H ₂ O. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6934-7	16.4	150
232	Combination between lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions: I. from isolated cluster to 1-D chain. <i>Chemical Communications</i> , 2007 , 1858-60	5.8	150
231	Entrapment of metal clusters in metal-organic framework channels by extended hooks anchored at open metal sites. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10270-3	16.4	138
230	Porous indium-organic frameworks and systematization of structural building blocks. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8858-62	16.4	129

229	A novel chainlike As-V-O polymer based on a transition metal complex and a dimeric polyoxoanion. <i>Inorganic Chemistry</i> , 2004 , 43, 8005-9	5.1	128
228	Aluminoborates with open frameworks: syntheses, structures, and properties. <i>Inorganic Chemistry</i> , 2009 , 48, 3650-9	5.1	127
227	Combination between lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions: first (3,6)-connected framework constructed from sandwich-type polyoxometalate building blocks containing a novel (Cu ₈) cluster. <i>Chemical Communications</i> , 2008 , 570-2	5.8	127
226	Diversity of crystal structure with different lanthanide ions involving in situ oxidation-hydrolysis reaction. <i>Dalton Transactions</i> , 2007 , 4059-66	4.3	124
225	Mimicking zeolite to its core: porous sodalite cages as hangers for pendant trimeric M ₃ (OH) clusters (M = Mg, Mn, Co, Ni, Cd). <i>Journal of the American Chemical Society</i> , 2012 , 134, 1934-7	16.4	121
224	Cooperative assembly of three-ring-based zeolite-type metal-organic frameworks and Johnson-type dodecahedra. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1849-52	16.4	119
223	Linking two distinct layered networks of nanosized {Ln ₁₈ } and {Cu ₂₄ } wheels through isonicotinate ligands. <i>Chemistry - A European Journal</i> , 2008 , 14, 88-97	4.8	119
222	Four-Shell Polyoxometalates Featuring High-Nuclearity Ln Clusters: Structural Transformations of Nanoclusters into Frameworks Triggered by Transition-Metal Ions. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2664-2669	16.4	116
221	A chiral tetragonal magnesium-carboxylate framework with nanotubular channels. <i>Chemical Communications</i> , 2011 , 47, 11852-4	5.8	113
220	A germanate framework containing 24-ring channels, Ni-Ge bonds, and chiral [Ni@Ge ₁₄ O ₂₄ (OH) ₃] cluster motifs transferred from chiral metal complexes. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6881-4	16.4	113
219	Hydrothermal syntheses and crystal structures of two novel, hybrid materials based on secondary transition-metal-incorporated polyoxovanadate cluster backbones: [Cd(dien) ₂] ₂ [(dien)CdAs ₈ V ₁₃ O ₄₁ (H ₂ O)] ₄ ·4H ₂ O and [Cd(en) ₂] ₂ [(en) ₂ Cd ₂ As ₈ V ₁₂ O ₄₀]. <i>Inorganic Chemistry</i> , 2005 , 44, 2426-30	5.1	112
218	Two-Dimensional Extended (4,4)-Topological Network Constructed from Tetra-NiII-Substituted Sandwich-Type Keggin Polyoxometalate Building Blocks and NiII-Organic Cation Bridges. <i>Crystal Growth and Design</i> , 2007 , 7, 2658-2664	3.5	108
217	Lanthanide germanate cluster organic frameworks constructed from {Ln(8)Ge(12)} or {Ln(11)Ge(12)} cage cluster building blocks. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15588-9	16.4	105
216	{Ln(III)[μ ₅ -κ ₂ ,κ ₁ ,κ ₁ ,κ ₁ ,κ ₁ -1,2-(CO ₂) ₂ C ₆ H ₄][isonicotine]][H ₂ O]} ₂ Cu(I) x X (Ln = Eu, Sm, Nd; X = ClO ₄ ⁻ , Cl ⁻): a new pillared-layer approach to heterobimetallic 3d-4f 3d-network solids. <i>Inorganic Chemistry</i> , 2007 , 46, 10534-8	5.1	104
215	High CO ₂ and H ₂ Uptake in an Anionic Porous Framework with Amino-Decorated Polyhedral Cages. <i>Chemistry of Materials</i> , 2012 , 24, 2624-2626	9.6	103
214	Multicomponent self-assembly of a nested Co ₂₄ @Co ₄₈ metal-organic polyhedral framework. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8034-7	16.4	103
213	Combination of lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions. 3. Structure and characterization of [Cu(enMe) ₂] ₂ [[Cu(enMe) ₂ (H ₂ O)] ₂ [Cu ₆ (enMe) ₂ (B-a-SiW ₉ O ₃₄) ₂].4H ₂ O. <i>Inorganic Chemistry</i> , 2007 , 46, 4569-74	5.1	103
212	Recent advances in POM-organic frameworks and POM-organic polyhedra. <i>Coordination Chemistry Reviews</i> , 2019 , 397, 220-240	23.2	102

211	Monocopper doping in Cd-In-S supertetrahedral nanocluster via two-step strategy and enhanced photoelectric response. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10250-3	16.4	98
210	Three-dimensional covalent co-assembly between inorganic supertetrahedral clusters and imidazolates. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2536-9	16.4	97
209	Combination chemistry of hexa-copper-substituted polyoxometalates driven by the Cu(II)-polyhedra distortion: from tetramer, 1D chain to 3D framework. <i>Inorganic Chemistry</i> , 2009 , 48, 8294-303	5.1	94
208	Porous metal carboxylate boron imidazolate frameworks. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5362-6	16.4	88
207	A series of lanthanide-transition metal frameworks based on 1-, 2-, and 3D metal-organic motifs linked by different 1D copper(I) halide motifs. <i>Inorganic Chemistry</i> , 2007 , 46, 10261-7	5.1	87
206	Combination of lacunary polyoxometalates and high-nuclear transition-metal clusters under hydrothermal conditions. 5. A novel tetrameric cluster of $[\{Fe(II)Fe(III)(12)(\mu(3)-OH)(12)(\mu(4)-PO(4))(4)\}(B-\alpha-PW(9)O(34))(4)](22)(-)$. <i>Inorganic Chemistry</i> , 2007 , 46, 10244-7	5.1	85
205	The first polyoxometalate-templated four-fold interpenetrated coordination polymer with new topology and ferroelectricity. <i>Dalton Transactions</i> , 2010 , 39, 700-3	4.3	83
204	$K_2[Ge(B_4O_9)] \cdot 2H_2O$: a unique 3D alternating linkage mode of a B_4O_9 cluster and GeO_4 unit in borogermanate with two pairs of interweaving double helical channels. <i>Inorganic Chemistry</i> , 2004 , 43, 6148-50	5.1	82
203	$\{Nb O (OH) (CO) \}$: A Macromolecular Polyoxometalate with Close to 300 Niobium Atoms. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8572-8576	16.4	82
202	Incorporating distinct metal clusters to construct diversity of 3D pillared-layer lanthanide-transition-metal frameworks. <i>Inorganic Chemistry</i> , 2008 , 47, 4930-5	5.1	80
201	A polyoxometalate-organic supramolecular nanotube with high chemical stability and proton-conducting properties. <i>Chemical Communications</i> , 2015 , 51, 2048-51	5.8	78
200	A novel sandwich-type polyoxometalate compound with visible-light photocatalytic H_2 evolution activity. <i>Chemical Communications</i> , 2011 , 47, 3918-20	5.8	78
199	Record High-Nuclearity Polyoxoniobates: Discrete Nanoclusters $\{Nb \}$, $\{Nb \}$, and $\{Nb \}$, and Extended Frameworks Based on $\{Cu Nb \}$ and $\{Cu Nb \}$. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16288-16292	16.4	75
198	Generalized synthesis of zeolite-type metal-organic frameworks encapsulating immobilized transition-metal clusters. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11936-9	16.4	74
197	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	16.4	73
196	Incorporating Guest Molecules into Honeycomb Structures Constructed from Uranium(VI)-Polycarboxylates: Structural Diversities and Photocatalytic Activities for the Degradation of Organic Dye. <i>Crystal Growth and Design</i> , 2015 , 15, 10-13	3.5	70
195	Superbase route to supertetrahedral chalcogenide clusters. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3619-22	16.4	70
194	In situ ligand reactions under hydrothermal conditions afford a novel zinc-substituted polyoxovanadate dimer. <i>Inorganic Chemistry</i> , 2007 , 46, 9503-8	5.1	69

193	Extended architectures constructed from sandwich tetra-metal-substituted polyoxotungstates and transition-metal complexes. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1380-7	4.5	69
192	[Ge(7)O(13)(OH)(2)F(3)](3)(-).Cl(-).2[Ni(dien)(2)](2+): the first chainlike germanate templated by a transition metal complex. <i>Inorganic Chemistry</i> , 2003 , 42, 6595-7	5.1	69
191	GeB4O9 x H2en: an organically templated borogermanate with large 12-ring channels built by B4O9 polyanions and GeO4 units: host-guest symmetry and charge matching in triangular-tetrahedral frameworks. <i>Chemistry - A European Journal</i> , 2008 , 14, 5057-63	4.8	66
190	A zeolitic porous lithium-organic framework constructed from cubane clusters. <i>Chemical Communications</i> , 2011 , 47, 5536-8	5.8	64
189	Porous lithium imidazolate frameworks constructed with charge-complementary ligands. <i>Chemistry - A European Journal</i> , 2010 , 16, 13035-40	4.8	62
188	Two zeolite-type frameworks in one metal-organic framework with Zn24 @Zn104 cube-in-sodalite architecture. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8538-41	16.4	56
187	Novel copper-complex-substituted tungstogermanates. <i>Inorganic Chemistry</i> , 2007 , 46, 616-8	5.1	56
186	Two New Potassium Borates, K4B10O15(OH)4 with Stepped Chain and KB5O7(OH)2·H2O with Double Helical Chain. <i>Crystal Growth and Design</i> , 2005 , 5, 157-161	3.5	56
185	Three viologen-derived Zn-organic materials: photochromism, photomodulated fluorescence, and inkless and erasable prints. <i>Dalton Transactions</i> , 2019 , 48, 954-963	4.3	55
184	Combination of lacunary polyoxometalates and high-nuclear transition-metal clusters under hydrothermal conditions: first 6(5).8 cdSO4-type 3-D framework built by hexa-Cull sandwiched polyoxotungstates. <i>Dalton Transactions</i> , 2009 , 1300-6	4.3	55
183	In2Ge6O15(OH)2(H2dien): an open-framework indate germanate with one-dimensional 12-ring channels. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2827-30	16.4	55
182	All-Inorganic Ionic Porous Material Based on Giant Spherical Polyoxometalates Containing Core-Shell K @K -Water Cage. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15777-15781	16.4	53
181	Hybrid Inorganic/Organic 1D and 2D Frameworks with [As6V15O42]6[Polyoxoanions as Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 397-406	2.3	52
180	A Series of Banana-Shaped 3d-4f Heterometallic Cluster Substituted Polyoxometalates: Syntheses, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 2472-2479	5.1	51
179	0-D and 1-D inorganic/organic composite polyoxotungstates constructed from in-situ generated monocopperII-substituted Keggin polyoxoanions and copperIII/organoamine complexes. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2205-2216	3.3	51
178	A Nine-Connected Mixed-Ligand Nickel-Organic Framework and Its Gas Sorption Properties. <i>Crystal Growth and Design</i> , 2011 , 11, 3713-3716	3.5	50
177	A new layered aluminoborate [Zn(dien)2][{Al(OH)}{B5O9F}] templated by transition metal complexes. <i>CrystEngComm</i> , 2009 , 11, 2597	3.3	49
176	3D lanthanide-transition-metal/organic frameworks constructed by two distinct tetranuclear units of cubane {Ln4} and chair-like {Cu4} clusters. <i>CrystEngComm</i> , 2008 , 10, 1047	3.3	49

- 175 Syntheses, Characterizations, and Crystal Structures of Two New Organically Templated Borates. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 336-340 1.3 49
- 174 Designed Synthesis of POM Organic Frameworks from {Ni6PW9} Building Blocks under Hydrothermal Conditions. *Angewandte Chemie*, **2008**, 120, 3973-3977 3.6 49
- 173 (C4N3H15)[(BO2)2(GeO2)4]: the first organically templated 3D borogermanate showing 1D 12-rings, large channels, and a novel zeolite-type framework topology constructed from Ge8O24 and B2O7 cluster units. *Inorganic Chemistry*, **2005**, 44, 1166-8 5.1 47
- 172 Synthesis and characterization of a novel open-framework nickel/zinc phosphite with intersecting three-dimensional 16-ring channels. *Journal of Materials Chemistry*, **2004**, 14, 1652-1655 47
- 171 Two additive-induced isomeric aluminoborates templated by methylamine. *Dalton Transactions*, **2010**, 39, 8631-6 4.3 46
- 170 Induction of trimeric [Mg3(OH)(CO2)6] in a porous framework by a desymmetrized tritopic ligand. *Dalton Transactions*, **2012**, 41, 2866-8 4.3 45
- 169 A 3D Manganese Coordination Polymer [Mn3(IMDC)2(H2O)4] Constructed from [Mn2(IMDC)2(H2O)2] Layers and [Mn(H2O)2] Pillars (IMDC = 4,5-imidazoledicarboxylate). *European Journal of Inorganic Chemistry*, **2006**, 2006, 1423-1428 2.3 45
- 168 Open-framework aluminoborates co-templated by two types of primary amines. *Dalton Transactions*, **2011**, 40, 2940-6 4.3 44
- 167 An unusual eight-connected self-penetrating icl net constructed by dinuclear lanthanide building units. *CrystEngComm*, **2008**, 10, 765 3.3 44
- 166 B3O4(OH)0.5(C4H10N2): First organic/inorganic hybrid borate with a neutral layered framework. *Inorganic Chemistry Communication*, **2007**, 10, 84-87 3.1 44
- 165 High-nuclearity Ni-substituted polyoxometalates: a series of poly(polyoxotungstate)s containing 2022 nickel centers. *Chemistry - A European Journal*, **2011**, 17, 13032-43 4.8 43
- 164 [NH3CH2CHCH3NH3][B8O11(OH)4]·H2O: Synthesis and characterization of the first 1D borate templated by 1,2-diaminopropane. *Journal of Solid State Chemistry*, **2007**, 180, 1553-1558 3.3 43
- 163 Composite Hybrid Cluster Built from the Integration of Polyoxometalate and a Metal Halide Cluster: Synthetic Strategy, Structure, and Properties. *Inorganic Chemistry*, **2016**, 55, 8257-9 5.1 43
- 162 [{Zn(enMe)2}2(enMe)2{Zn2As8V12O40(H2O)}]4H2O: A Hybrid Molecular Material Based on Covalently Linked Inorganic Zn/As V Clusters and Transition Metal Complexes via enMe Ligands. *European Journal of Inorganic Chemistry*, **2004**, 2004, 2004-2007 2.3 42
- 161 Two Hexanickel-Substituted Keggin-Type Germanotungstates. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3809-3819 2.3 39
- 160 Combination of polyoxotantalate and metal sulfide: A new-type noble-metal-free binary photocatalyst Na8Ta6O19/Cd0.7Zn0.3S for highly efficient visible-light-driven H2 evolution. *Applied Catalysis B: Environmental*, **2019**, 248, 423-429 21.8 38
- 159 Heterometallic Organic Frameworks Built from Trinuclear Indium and Cuprous Halide Clusters: Ligand-Oriented Assemblies and Iodine Adsorption Behavior. *Inorganic Chemistry*, **2019**, 58, 516-523 5.1 38
- 158 A lanthanide complex for metal encapsulations and anion exchanges. *Chemical Communications*, **2016**, 52, 10125-8 5.8 37

157	New Lithium Ion Clusters for Construction of Porous MOFs. <i>Crystal Growth and Design</i> , 2014 , 14, 897-900	3.5	37
156	Lanthanide-Transition-Metal Sandwich Framework Comprising {Cu ₃ } Cluster Pillars and Layered Networks of {Er ₃₆ } Wheels. <i>Angewandte Chemie</i> , 2006 , 118, 79-83	3.6	36
155	Inorganic-Organic Hybrid Polyoxoniobates: Polyoxoniobate Metal Complex Cage and Cage Framework. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16864-16868	16.4	35
154	Synthesis and characterization of a new hybrid zinc phosphite (4,4'-bipy)[Zn(HPO ₃) ₂] ₂ with a pillared layer structure. <i>Microporous and Mesoporous Materials</i> , 2004 , 68, 65-70	5.3	34
153	A 3D Coordination Framework Based on Linkages of Nanosized Hydroxo Lanthanide Clusters and Copper Centers by Isonicotinate Ligands. <i>Angewandte Chemie</i> , 2005 , 117, 1409-1412	3.6	34
152	Octahedron-shaped three-shell Ln-substituted polyoxotungstogermanates encapsulating a WO cluster: luminescence and frequency dependent magnetic properties. <i>Chemical Communications</i> , 2019 , 55, 2857-2860	5.8	32
151	A large indium sulfide supertetrahedral cluster built from integration of ZnS-like tetrahedral shell with NaCl-like octahedral core. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15886-9	16.4	32
150	The first solid composed of [As ₄ V ₁₆ O ₄₂ (H ₂ O)] clusters. <i>Dalton Transactions</i> , 2008 , 5584-7	4.3	32
149	Hybrid inorganic-organic 1-D and 2-D frameworks with {As ₈ V ₁₄ O ₄₂ } clusters as building blocks. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 3740-3746	3.3	31
148	Cluster Organic Frameworks Constructed from Heterometallic Supertetrahedral Cluster Secondary Building Units. <i>Inorganic Chemistry</i> , 2017 , 56, 4636-4643	5.1	30
147	Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains. <i>Angewandte Chemie</i> , 2009 , 121, 7312-7315	3.6	30
146	A banana-shaped iron(III)-substituted tungstogermanate containing two types of lacunary polyoxometalate units. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 69-71	3.1	30
145	Synthesis and Crystal Structure of a Novel Potassium Borate with an Unprecedented [B ₁₂ O ₁₆ (OH) ₈] ₄ ⁻ Anion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 1586-1590	1.3	30
144	A Novel Open-Framework Zinc Phosphite, Zn ₃ (HPO ₃) ₄ [Ni(en) ₂ (H ₂ O) ₂], Templated by a Transition-Metal Complex. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 953-955	2.3	30
143	Germanates of 1D chains, 2D layers, and 3D frameworks built from Ge-O clusters by using metal-complex templates: host-guest symmetry and chirality transfer. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1230-9	4.5	29
142	A New 2-D Network Containing {As ₄ V ₁₆ O ₄₂ (H ₂ O)} Cluster Units. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5075-5078	2.3	28
141	A Germanate Framework Containing 24-Ring Channels, Ni-Ge Bonds, and Chiral [Ni@Ge ₁₄ O ₂₄ (OH) ₃] Cluster Motifs Transferred from Chiral Metal Complexes. <i>Angewandte Chemie</i> , 2005 , 117, 7041-7044	3.6	28
140	Multicomponent Self-Assembly of a Nested Co ₂₄ @Co ₄₈ Metal-Organic Polyhedral Framework. <i>Angewandte Chemie</i> , 2011 , 123, 8184-8187	3.6	27

- 139 Hydrothermal synthesis and structural characterization of three inorganic-organic composite sandwich-type phosphotungstates. *Journal of Solid State Chemistry*, **2007**, 180, 3317-3324 3.3 27
- 138 Indium-Based Heterometal-Organic Frameworks with Different Nanoscale Cages: Syntheses, Structures, and Gas Adsorption Properties. *Crystal Growth and Design*, **2017**, 17, 1159-1165 3.5 26
- 137 Recent Advances in Zeolite-like Cluster Organic Frameworks. *Chemistry - A European Journal*, **2019**, 25, 442-453 4.8 26
- 136 Unprecedented 3D polycatenation based on ribbons of rings found in two metallosupramolecular polymers whose open frameworks show reversible collapse upon de- and rehydration. *CrystEngComm*, **2008**, 10, 1299 3.3 26
- 135 Pentaethylenehexaminemanganese(II) pentaborate. *Acta Crystallographica Section C: Crystal Structure Communications*, **2004**, 60, m241-3 26
- 134 $K_7\{(BO_3)Mn[B_{12}O_{18}(OH)_6]\} \cdot H_2O$: First manganese borate based on covalently linked $B_{12}O_{18}(OH)_6$ clusters and BO_3 units via Mn^{2+} cations. *Inorganic Chemistry Communication*, **2004**, 7, 781-783 3.1 26
- 133 Syntheses and Characterization of Two New Open-Framework Zinc Phosphites with 12-Ring Channels, $[H_3N(CH_2)_4NH_3][Zn_3(HPO_3)_4] \cdot H_2O$ and $[C_3N_2H_5]_2[Zn_3(HPO_3)_4]$. *Crystal Growth and Design*, **2005**, 5, 237-242 3.5 25
- 132 A series of Ni₆-substituted polyoxometalates derived from tripodal alcohol ligands. *Inorganic Chemistry Communication*, **2011**, 14, 1541-1545 3.1 24
- 131 Hydrothermal synthesis, crystal structure and magnetic characterization of three hexa-M substituted tungstoarsenates (M=Ni, Zn and Mn). *Inorganica Chimica Acta*, **2009**, 362, 5038-5042 2.7 24
- 130 $(CH_3NH_3)_2[Ge(B_4O_9)]$: An organically-templated chiral borogermanate with second-order nonlinear and ferroelectric properties. *Inorganic Chemistry Communication*, **2010**, 13, 1047-1049 3.1 24
- 129 Synthesis and characterization of a new inorganic-organic hybrid open-framework zinc phosphite: $(C_6N_3H_{12})_2 \cdot [Zn_5(HPO_3)_6]$. *Microporous and Mesoporous Materials*, **2004**, 75, 129-133 5.3 24
- 128 Two d¹⁰ Metal-Organic Frameworks as Low-Temperature Luminescent Molecular Thermometers. *Crystal Growth and Design*, **2018**, 18, 7383-7390 3.5 23
- 127 Syntheses and structures of two new 3D open-framework germanates constructed from $Ge_9O_{18}(OH)_4$ clusters. *Microporous and Mesoporous Materials*, **2004**, 74, 205-211 5.3 22
- 126 Hexa-substituted polyoxometalates made of trivacant Dawson $\{P_2W_{15}\}$ fragments and $\{Ni_6\}$ clusters under hydrothermal conditions. *Dalton Transactions*, **2013**, 42, 16676-9 4.3 21
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6	Innentitelbild: Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains (Angew. Chem. 39/2009). <i>Angewandte Chemie</i> , 2009 , 121, 7238-7238	3.6	
5	Inside Cover: Porous Lithium Imidazolate Frameworks Constructed with Charge-Complementary Ligands (Chem. Eur. J. 44/2010). <i>Chemistry - A European Journal</i> , 2010 , 16, 13002-13002	4.8	
4	Lanthanide-Transition-Metal Sandwich Framework Comprising {Cu ₃ } Cluster Pillars and Layered Networks of {Er ₃₆ } Wheels. <i>Angewandte Chemie</i> , 2006 , 118, 703-703	3.6	
3	Synthesis and structure of a new hybrid vanadium arsenate: [VO ₂ (phen)] ₂ (H ₂ AsO ₄) \cdot H ₃ O. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 269-273	0.5	
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