

De-Liang Long

List of Publications by Year in descending order

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160
papers

14,545
citations

30070

54
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19749

117
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all docs

201
docs citations

201
times ranked

7651
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyoxometalate clusters, nanostructures and materials: From self assembly to designer materials and devices. <i>Chemical Society Reviews</i> , 2007, 36, 105-121.	38.1	2,038
2	Polyoxometalates: Building Blocks for Functional Nanoscale Systems. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1736-1758.	13.8	2,013
3	Engineering polyoxometalates with emergent properties. <i>Chemical Society Reviews</i> , 2012, 41, 7403.	38.1	804
4	Controlling an organic synthesis robot with machine learning to search for new reactivity. <i>Nature</i> , 2018, 559, 377-381.	27.8	462
5	Design and fabrication of memory devices based on nanoscale polyoxometalate clusters. <i>Nature</i> , 2014, 515, 545-549.	27.8	301
6	Unveiling the Transient Template in the Self-Assembly of a Molecular Oxide Nanowheel. <i>Science</i> , 2010, 327, 72-74.	12.6	270
7	Face-directed self-assembly of an electronically active Archimedean polyoxometalate architecture. <i>Nature Chemistry</i> , 2010, 2, 308-312.	13.6	259
8	Polyoxometalate-Mediated Self-Assembly of Single-Molecule Magnets: $\{[XW_9O_{34}]_2[Mn^{III}]_4Mn^{II}]_2O_{254}\}$. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5609-5612.	13.8	254
9	Modular Assembly of a Functional Polyoxometalate-Based Open Framework Constructed from Unsupported Ag^+ Interactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7579-7582.	13.8	248
10	Towards Polyoxometalate-Integrated Nanosystems. <i>Chemistry - A European Journal</i> , 2006, 12, 3698-3706.	3.3	221
11	The Construction of High-Nuclearity Isopolyoxoniobates with Pentagonal Building Blocks: $[H_2Nb_{27}O_{76}]^{16-}$ and $[H_{10}Nb_{31}O_{93}(CO_3)_3]^{23-}$. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 113-116.	13.8	176
12	Supramolecular Metal Oxides: Programmed Hierarchical Assembly of a Protein-Sized 21 kDa $[(C_{16}H_{36}N)_{19}\{H_2NC(CH_2)_2O\}_3P]_2$ Polyoxometalate Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4388-4391.	13.8	168
13	Probing the Self-Assembly of Inorganic Cluster Architectures in Solution with Cryospray Mass Spectrometry: Growth of Polyoxomolybdate Clusters and Polymers Mediated by Silver(I) Ions. <i>Journal of the American Chemical Society</i> , 2008, 130, 13876-13884.	13.7	163
14	Old Clusters with New Tricks: Engineering $S\cdots S$ Interactions and Novel Physical Properties in Sulfite-Based Dawson Clusters. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1817-1820.	13.8	154
15	Water-Soluble Pentagonal-Prismatic Titanium-Oxo Clusters. <i>Journal of the American Chemical Society</i> , 2016, 138, 11097-11100.	13.7	145
16	Restraining Symmetry in the Formation of Small Polyoxomolybdates: Building Blocks of Unprecedented Topology Resulting From "Shrink-Wrapping" $[H_2Mo_16O_52]_{10}$ -Type Clusters. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4180-4183.	13.8	141
17	A High-Nuclearity "Celtic-Ring" Isopolyoxotungstate, $[H_{12}W_{36}O_{120}]_{12}$, That Captures Trace Potassium Ions. <i>Journal of the American Chemical Society</i> , 2004, 126, 13880-13881.	13.7	136
18	3D Printed High-Throughput Hydrothermal Reactionware for Discovery, Optimization, and Scale-Up. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12723-12728.	13.8	126

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19	Unravelling the Complexities of Polyoxometalates in Solution Using Mass Spectrometry: A Protonation versus Heteroatom Inclusion. <i>Journal of the American Chemical Society</i> , 2008, 130, 1830-1832.	13.7	120
20	Self-Assembly of a Nanosized, Saddle-Shaped, Solution-Stable Polyoxometalate Anion Built from Pentagonal Building Blocks: $[H_{34}W_{119}Se_8Fe_2O_{420}]^{54-}$. <i>Journal of the American Chemical Society</i> , 2010, 132, 11410-11411.	13.7	116
21	Controlled assembly and solution observation of a 2.6 nm polyoxometalate μ^4 -tetrahedron cluster: $[KFe_{12}(OH)_{18}(\mu_3-1,2,3-P_2W_{15}O_{56})_4]_{29}^{4-}$. <i>Chemical Communications</i> , 2007, , 4254.	4.1	115
22	Confined Electron-Transfer Reactions within a Molecular Metal Oxide μ^4 -Trojan Horse. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3415-3419.	13.8	113
23	Capture of Periodate in a $\{W_{18}O_{54}\}$ Cluster Cage Yielding a Catalytically Active Polyoxometalate $[H_3W_3W_{18}O_{56}(IO_6)]^{6-}$ Embedded with High-Valent Iodine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4384-4387.	13.8	107
24	One-Pot versus Sequential Reactions in the Self-Assembly of Gigantic Nanoscale Polyoxotungstates. <i>Journal of the American Chemical Society</i> , 2013, 135, 1796-1805.	13.7	104
25	Correlating the magic numbers of inorganic nanomolecular assemblies with a $\{Pd\}_{84}$ molecular-ring Rosetta Stone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11609-11612.	7.1	102
26	Development of a Building Block Strategy To Access Gigantic Nanoscale Heteropolyoxotungstates by Using SeO_3^{2-} as a Template Linker. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4117-4120.	13.8	98
27	Redox tuning the Weakley-type polyoxometalate archetype for the oxygen evolution reaction. <i>Nature Catalysis</i> , 2018, 1, 208-213.	34.4	97
28	Discovery of a Family of Isopolyoxotungstates $[H_4W_{19}O_{62}]_6^{6-}$ Encapsulating a $\{WO_6\}$ Moiety within a $\{W_{18}\}$ Dawson-like Cluster Cage. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4798-4803.	13.8	96
29	Reversible electron-transfer reactions within a nanoscale metal oxide cage mediated by metallic substrates. <i>Nature Nanotechnology</i> , 2008, 3, 229-233.	31.5	96
30	Human versus Robots in the Discovery and Crystallization of Gigantic Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10815-10820.	13.8	94
31	Discovery of Heteroatom-Embedded μ^4 - $\{W_{18}O_{54}\}$ Nanofunctional Polyoxometalates by Use of Cryospray Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4376-4380.	13.8	90
32	Solution-Phase Monitoring of the Structural Evolution of a Molybdenum Blue Nanoring. <i>Journal of the American Chemical Society</i> , 2012, 134, 3816-3824.	13.7	90
33	Assembly of a Gigantic Polyoxometalate Cluster $\{W_{200}Co_8O_{660}\}$ in a Networked Reactor System. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12759-12762.	13.8	85
34	From polyoxometalate building blocks to polymers and materials: the silver connection. <i>Journal of Materials Chemistry</i> , 2007, 17, 1903.	6.7	84
35	Extended Polyoxometalate Framework Solids: Two Mn(II)-Linked $\{P_8W_{48}\}$ Network Arrays. <i>Inorganic Chemistry</i> , 2011, 50, 136-143.	4.0	82
36	Structural Evolution of μ^4 -Saddle-Shaped $[H_4W_4W_{22}O_{74}]^{12-}$ and μ^4 -Saddle-Shaped $[H_{10}W_{34}O_{116}]^{18-}$ Isopolyoxotungstate Clusters. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8420-8423.	13.8	77

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37	Controlling the Ring Curvature, Solution Assembly, and Reactivity of Gigantic Molybdenum Blue Wheels. <i>Journal of the American Chemical Society</i> , 2014, 136, 14114-14120.	13.7	74
38	POMzites: A Family of Zeolitic Polyoxometalate Frameworks from a Minimal Building Block Library. <i>Journal of the American Chemical Society</i> , 2017, 139, 5930-5938.	13.7	72
39	Self-assembly of a family of macrocyclic polyoxotungstates with emergent material properties. <i>Chemical Science</i> , 2011, 2, 1502.	7.4	70
40	A collection of robust methodologies for the preparation of asymmetric hybrid Mn ^{II} -Anderson polyoxometalates for multifunctional materials. <i>Chemical Science</i> , 2013, 4, 3810-3817.	7.4	70
41	Time-Resolved Assembly of Cluster-in-Cluster {Ag ₁₂ } ⁺ -{W ₇₆ } Polyoxometalates under Supramolecular Control. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10362-10366.	13.8	70
42	Modular Redox-Active Inorganic Chemical Cells: iCHELLs. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10373-10376.	13.8	69
43	Stereoselective Assembly of Gigantic Chiral Molybdenum Blue Wheels Using Lanthanide Ions and Amino Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 1242-1250.	13.7	64
44	A flow-system array for the discovery and scale up of inorganic clusters. <i>Nature Chemistry</i> , 2012, 4, 1037-1043.	13.6	63
45	Reactions of a {Mo ₁₆ }-type polyoxometalate cluster with electrophiles: a synthetic, theoretical and magnetic investigation. <i>Dalton Transactions</i> , 2005, , 1372-1380.	3.3	62
46	Self-Sorting of Heteroanions in the Assembly of Cross-Shaped Polyoxometalate Clusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 2595-2601.	13.7	62
47	Influence of organic amines on the self-assembly of hybrid polyoxo-molybdenum(v) phosphate frameworks. <i>CrystEngComm</i> , 2006, 8, 629.	2.6	60
48	Controlling nucleation of the cyclic heteropolyanion {P ₈ W ₄₈ }: a cobalt-substituted phosphotungstate chain and network. <i>CrystEngComm</i> , 2009, 11, 36-39.	2.6	59
49	Assembly of Molecular α -Layered Heteropolyoxometalate Architectures. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3373-3376.	13.8	58
50	Design and Performance of Rechargeable Sodium Ion Batteries, and Symmetrical Li ⁺ Ion Batteries with Supercapacitor-Like Power Density Based upon Polyoxovanadates. <i>Advanced Energy Materials</i> , 2018, 8, 1701021.	19.5	58
51	Linking Chiral Clusters with Molybdate Building Blocks: From Homochiral Helical Supramolecular Arrays to Coordination Helices. <i>Chemistry - an Asian Journal</i> , 2006, 1, 352-357.	3.3	55
52	Bridging the gap between solution and solid state studies in polyoxometalate chemistry: Discovery of a family of [V ₁ M ₁₇]-based cages encapsulating two {V ^{sup} VO ₄ } moieties. <i>Dalton Transactions</i> , 2008, , 214-221.	3.3	54
53	Assembly of Thiometalate-Based {Mo ₁₆ } and {Mo ₃₆ } Composite Clusters Combining [Mo ₂ O ₂ S ₂] ²⁺ Cations and Selenite Anions. <i>Advanced Materials</i> , 2013, 25, 6245-6249.	21.0	54
54	Exploring the Structure and Properties of Transition Metal Templated {VM ₁₇ (VO ₄) ₂ } Dawson-Like Capsules. <i>Inorganic Chemistry</i> , 2011, 50, 8384-8391.	4.0	51

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55	Assembly and Autochirogenesis of a Chiral Inorganic Polythioanion Möbius Strip via Symmetry Breaking. <i>Journal of the American Chemical Society</i> , 2012, 134, 11376-11379.	13.7	51
56	Self-assembly and structural transformations of high-nuclearity palladium-rich polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 178-185.	6.0	49
57	Cation Controlled Assembly and Transformation of Mono- and Bi-Sulfite Templated Dawson-Type Polyoxotungstates. <i>Inorganic Chemistry</i> , 2010, 49, 1819-1825.	4.0	48
58	Following the self assembly of supramolecular MOFs using X-ray crystallography and cryospray mass spectrometry. <i>Chemical Science</i> , 2010, 1, 62.	7.4	48
59	A metamorphic inorganic framework that can be switched between eight single-crystalline states. <i>Nature Communications</i> , 2017, 8, 14185.	12.8	46
60	An Autonomous Chemical Robot Discovers the Rules of Inorganic Coordination Chemistry without Prior Knowledge. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11256-11261.	13.8	46
61	Exploring the Molecular Growth of Two Gigantic Half-Closed Polyoxometalate Clusters $\{Mo_{180}\}$ and $\{Mo_{130}Ce_6\}$. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9727-9731.	13.8	45
62	Inorganic crown: the host-guest chemistry of a high nuclearity Celtic-ring isopolyoxotungstate $[H_{12}W_{36}O_{120}]^{12-}$. <i>Dalton Transactions</i> , 2006, , 2852-2860.	3.3	44
63	An unprecedented silver-decavanadate dimer investigated using ion-mobility mass spectrometry. <i>Chemical Communications</i> , 2012, 48, 359-361.	4.1	44
64	Silver Linked Polyoxometalate Open Frameworks (Ag-POMOFs) for the Directed Fabrication of Silver Nanomaterials. <i>Crystal Growth and Design</i> , 2011, 11, 2471-2478.	3.0	43
65	Use of ion-mobility mass spectrometry (IMS-MS) to map polyoxometalate Keplerate clusters and their supramolecular assemblies. <i>Chemical Communications</i> , 2013, 49, 1909.	4.1	43
66	Assembly of Pure Silver-Tungsten-Oxide Frameworks from Nanostructured Solution Processable Clusters and Their Evolution into Materials with a Metallic Component. <i>Advanced Materials</i> , 2010, 22, 4275-4279.	21.0	41
67	Formation, self-assembly and transformation of a transient selenotungstate building block into clusters, chains and macrocycles. <i>Chemical Communications</i> , 2014, 50, 2155-2157.	4.1	41
68	Spontaneous formation of autocatalytic sets with self-replicating inorganic metal oxide clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10699-10705.	7.1	41
69	Hybrid polyoxometalate clusters with appended aromatic platforms. <i>CrystEngComm</i> , 2010, 12, 109-115.	2.6	40
70	Assembly of Tungsten-Oxide-Based Pentagonal Motifs in Solution Leads to Nanoscale $\{W_{48}\}$, $\{W_{56}\}$, and $\{W_{92}\}$ Polyoxometalate Clusters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14308-14312.	13.8	40
71	Template-Directed Assembly of Polyoxothiometalate Scaffolds into Nanomolecular Architectures. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6903-6906.	13.8	39
72	Synthesis, Assembly, and Sizing of Neutral, Lanthanide Substituted Molybdenum Blue Wheels $\{Mo_{90}Ln_{10}\}$. <i>Journal of the American Chemical Society</i> , 2020, 142, 17508-17514.	13.7	39

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73	Assembly of a family of mixed metal {Mo ₂ V} polyoxometalates templated by TeO ₃ : {Mo ₁₂ V ₁₂ Te ₃ }, {Mo ₁₂ V ₁₂ Te ₂ } and {Mo ₁₇ V ₈ Te}. Chemical Communications, 2011, 47, 8799.	4.1	38
74	Electronically Stabilized Nonplanar Phenalenyl Radical and Its Planar Isomer. Journal of the American Chemical Society, 2015, 137, 14944-14951.	13.7	38
75	Self-templating and In Situ Assembly of a Cubic Cluster of Clusters Architecture Based on a {Mo ₂₄ Fe ₁₂ } Inorganic Macrocyclic. Angewandte Chemie - International Edition, 2016, 55, 12703-12707.	13.8	37
76	Anisotropic Polyoxometalate Cages Assembled via Layers of Heteroanion Templates. Journal of the American Chemical Society, 2019, 141, 13479-13486.	13.7	36
77	Controlling the Reactivity of the [P ₈ W ₄₈ O ₁₈₄] ⁴⁰⁻ Inorganic Ring and Its Assembly into POMZite Inorganic Frameworks with Silver Ions. Angewandte Chemie - International Edition, 2019, 58, 17282-17286.	13.8	36
78	Ligand-Directed Template Assembly for the Construction of Gigantic Molybdenum Blue Wheels. Angewandte Chemie - International Edition, 2019, 58, 10867-10872.	13.8	35
79	Controlling transformations in the assembly of polyoxometalate clusters: {Mo ₁₁ V ₇ }, {Mo ₁₇ V ₈ } and {Mo ₇₂ V ₃₀ }. Chemical Communications, 2010, 46, 8148.	4.1	34
80	Programmable Surface Architectures Derived from Hybrid Polyoxometalate-Based Clusters. Journal of Physical Chemistry C, 2011, 115, 4446-4455.	3.1	33
81	Nanoscale Control of Polyoxometalate Assembly: A {Mn ₈ W ₄ } Cluster within a {W ₃₆ Si ₄ Mn ₁₀ } Cluster Showing a New Type of Isomerism. Chemistry - A European Journal, 2013, 19, 2976-2981.	3.3	33
82	Structure-directing factors when introducing hydrogen bond functionality to metal-organic frameworks. CrystEngComm, 2015, 17, 299-306.	2.6	33
83	Controlling the Self-Assembly of a Mixed-Metal Mo/V-Selenite Family of Polyoxometalates. Chemistry - A European Journal, 2012, 18, 13743-13754.	3.3	32
84	Spontaneous Assembly of an Organic-Inorganic Nucleic Acid-DNA Double-Helix Structure. Angewandte Chemie - International Edition, 2017, 56, 1141-1145.	13.8	32
85	Synthetic Considerations in the Self-Assembly of Coordination Polymers of Pyridine-Functionalized Hybrid Mn-Anderson Polyoxometalates. Crystal Growth and Design, 2017, 17, 4739-4748.	3.0	32
86	Pushing the frontiers in polyoxometalate and metal oxide cluster science. Dalton Transactions, 2012, 41, 9815.	3.3	31
87	Discovery of gigantic molecular nanostructures using a flow reaction array as a search engine. Nature Communications, 2014, 5, 3715.	12.8	31
88	Trapping the Î Isomer of the Polyoxometalate-Based Keggin Cluster with a Tripodal Ligand. Angewandte Chemie - International Edition, 2015, 54, 15488-15492.	13.8	31
89	The Missing Link in Low Nuclearity Pure Polyoxovanadate Clusters: Preliminary Synthesis and Structural Analysis of a New {V ₁₆ } Cluster and Related Products. Journal of Cluster Science, 2003, 14, 313-324.	3.3	30
90	Controlling the Molecular Assembly of Polyoxometalates from the Nano to the Micron Scale: Molecules to Materials. Israel Journal of Chemistry, 2011, 51, 205-214.	2.3	28

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91	Assembly and core transformation properties of two tetrahedral clusters: [FeIII ₃ P ₈ W ₆ O ₂₂₇ (OH) ₁₅ (H ₂ O) ₂] ³⁰⁺ and [FeIII ₃ P ₈ W ₆ O ₂₂₄ (OH) ₁₂ (PO ₄) ₄] ³³⁺ . Dalton Transactions, 2014, 43, 5190.	13.8	28
92	Following the Reaction of Heteroanions inside a {W ₁₈ O ₅₆ } Polyoxometalate Nanocage by NMR Spectroscopy and Mass Spectrometry. Angewandte Chemie - International Edition, 2015, 54, 7895-7899.	13.8	28
93	Exploring the rotational isomerism in non-classical Wellsâ€“Dawson anions {W ₁₈ X} : a combined theoretical and mass spectrometry study. Dalton Transactions, 2012, 41, 2264-2271.	3.3	27
94	Bringing Crystal Structures to Reality by Three-Dimensional Printing. Crystal Growth and Design, 2014, 14, 2720-2724.	3.0	27
95	Direct Synthesis and Mass Spectroscopic Observation of the {M ₄₀ } Polyoxothiometalate Wheel. European Journal of Inorganic Chemistry, 2011, 2011, 5105-5111.	2.0	26
96	Polyoxometalate {W ₁₈ O ₅₆ XO ₆ } Clusters with Embedded Redox-Active Main-Group Templates as Localized Inner-Cluster Radicals. Angewandte Chemie - International Edition, 2013, 52, 9695-9699.	13.8	26
97	Human versus Robots in the Discovery and Crystallization of Gigantic Polyoxometalates. Angewandte Chemie, 2017, 129, 10955-10960.	2.0	25
98	pH-Dependence of the aqueous electrochemistry of the two-electron reduced $\text{[Mo}_{18}\text{O}_{54}(\text{SO}_3)]$ sulfite Dawson-like polyoxometalate anion derived from its triethanolammonium salt. Dalton Transactions, 2007, , 4599.	3.3	24
99	Investigating Cation Binding in the Polyoxometalateâ€“Superâ€“Crown [P ₈ W ₄₈ O ₁₈₄] ⁴⁰⁺ . Chemistry - A European Journal, 2011, 17, 12010-12014.	3.3	24
100	Overcoming the Crystallization Bottleneck: A Family of Gigantic Inorganic {Pd _x L ₈₄ 72} Palladium Macrocycles Discovered using Solution Techniques. Angewandte Chemie - International Edition, 2016, 55, 12741-12745.	13.8	24
101	Rearrangement of { $\text{[P}_2\text{W}_{15}]$ to {PW ₆ } moieties during the assembly of transition-metal-linked polyoxometalate clusters. Chemical Communications, 2016, 52, 919-921.	4.1	24
102	Embedding alkenes within an icosahedral inorganic fullerene {(NH ₄) ₄₂ [Mo ₁₃₂ O ₃₇₂ (L) ₃₀ (H ₂ O) ₇₂]} for trapping volatile organics. Chemical Science, 2020, 11, 2388-2393.	7.4	24
103	Programming the assembly of carboxylic acid-functionalised hybrid polyoxometalates. CrystEngComm, 2013, 15, 4422-4430.	2.6	23
104	Synthesis and Characterization of a Series of [M ₂ (²⁻ SiW ₈ O ₃₁) ₂] ⁿ⁺ Clusters and Mechanistic Insight into the Reorganization of { ²⁻ SiW ₈ O ₃₁ } into { $\text{[P}_2\text{W}_9\text{O}_{34}]$. Inorganic Chemistry, 2015, 54, 4151-4155.	4.0	22
105	3D Printed High-Throughput Hydrothermal Reactionware for Discovery, Optimization, and Scale-Up. Angewandte Chemie, 2014, 126, 12937-12942.	2.0	21
106	A Modular Programmable Inorganic Cluster Discovery Robot for the Discovery and Synthesis of Polyoxometalates. ACS Central Science, 2020, 6, 1587-1593.	11.3	21
107	Study of Cascade Ring-Closing Metathesis Reactions en Route to an Advanced Intermediate of Taxol. Journal of Organic Chemistry, 2016, 81, 12318-12331.	3.2	20
108	Assembly of inorganic [Mo ₂ S ₂ O ₂] ²⁺ panels connected by selenite anions to nanoscale chalcogenideâ€“polyoxometalate clusters. Chemical Science, 2016, 7, 3798-3804.	7.4	20

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109	Engineering Highly Reduced Molybdenum Polyoxometalates via the Incorporation of <i>d</i> and <i>f</i> Block Metal Ions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
110	Observation and Theoretical Analysis of the σ -Sensitive Coordination Sites in the Isopolyoxomolybdate Cluster $[Mo_{36}O_{112}(H)_2(O)_{14}]^{8-}$. <i>Journal of Cluster Science</i> , 2006, 17, 257-266.	3.3	19
111	Metal-Dependent Formation of Mononuclear Complexes and M2L2 Mesocates with Schiff-Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3930-3935.	2.0	18
112	Digital Control of Multistep Hydrothermal Synthesis by Using 3D Printed Reactionware for the Synthesis of Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16716-16720.	13.8	18
113	Palladium(ii)-based <i>cis,trans</i> -1,3,5-triaminocyclohexane complexes demonstrating a variety of coordination modes and architectures. <i>Dalton Transactions</i> , 2003, , 4498-4504.	3.3	16
114	Supramolecular self-assembly and anion-dependence of copper(II) complexes with cationic dihydro-imidazo phenanthridinium (DIP)-containing ligands. <i>CrystEngComm</i> , 2008, 10, 1243.	2.6	16
115	Exploring the Symmetry, Structure, and Self-Assembly Mechanism of a Gigantic Seven-Fold Symmetric $\{Pd_{84}\}$ Wheel. <i>Angewandte Chemie</i> , 2014, 126, 10196-10201.	2.0	16
116	Exploiting the equilibrium dynamics in the self-assembly of inorganic macrocycles based upon polyoxothiometalate building blocks. <i>Chemical Communications</i> , 2016, 52, 9109-9112.	4.1	15
117	Enantioselective Recognition of Racemic Amino Alcohols in Aqueous Solution by Chiral Metal-Oxide Keplerate $\{Mo_{132}\}$ Cluster Capsules. <i>Chemistry - A European Journal</i> , 2021, 27, 12327-12334.	3.3	15
118	Peptide sequence mediated self-assembly of molybdenum blue nanowheel superstructures. <i>Chemical Science</i> , 2021, 12, 2427-2432.	7.4	14
119	A redox-triggered structural rearrangement in an iodate-templated polyoxotungstate cluster cage. <i>Chemical Communications</i> , 2013, 49, 9731.	4.1	13
120	Ligand-Directed Template Assembly for the Construction of Gigantic Molybdenum Blue Wheels. <i>Angewandte Chemie</i> , 2019, 131, 10983-10988.	2.0	13
121	Encapsulation of a $\{Cu_{16}\}$ cluster containing four $[Cu_4O_4]$ cubanes within an isopolyoxometalate $\{W_{44}\}$ cluster. <i>Chemical Communications</i> , 2017, 53, 7076-7079.	4.1	11
122	Following the Reaction of Heteroanions inside a $\{W_{18}O_{56}\}$ Polyoxometalate Nanocage by NMR Spectroscopy and Mass Spectrometry. <i>Angewandte Chemie</i> , 2015, 127, 8006-8010.	2.0	10
123	On the fly multi-modal observation of ligand synthesis and complexation of Cu complexes in flow with benchtop NMR and mass spectrometry. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 919-923.	6.0	10
124	Facile and Reproducible Electrochemical Synthesis of the Giant Polyoxomolybdates. <i>Journal of the American Chemical Society</i> , 2021, 143, 20059-20063.	13.7	10
125	0D to 1D Switching of Hybrid Polyoxometalate Assemblies at the Nanoscale by Using Molecular Control. <i>ChemPlusChem</i> , 2013, 78, 1226-1229.	2.8	9
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152	Inside Cover: Supramolecular Metal Oxides: Programmed Hierarchical Assembly of a Protein-Sized 21 kDa [(C ₁₆ H ₃₆ N) ₁₉ {H ₂ NC(CH ₂ O) ₃ P ₂ V ₃ W ₁₅ O ₅₉ } ₄] ⁵⁻ Polyoxometalate Assembly (<i>Angew. Chem. Int. Ed.</i>) <i>Tj ETQq1 1 0.784314 rgBT /Ove</i>	13.8	0
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