Tianbo Liu

List of Publications by Year
in descending order

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201 papers	8,930 citations	34016 52 h-index	53109 85 g-index
225 all docs	225 docs citations	225 times ranked	6237 citing authors

#	Article	IF	Citations
1	Abnormal Association between Metalâ˜Organic Cages and Counterions Regulated by the Hydration Shells. Chemistry - A European Journal, 2022, , .	1.7	0
2	Cost-effective polymer-based membranes for drinking water purification. Giant, 2022, 10, 100099.	2.5	26
3	Molecular Geometryâ€Directed Selfâ€Recognition in the Selfâ€Assembly of Giant Amphiphiles. Macromolecular Rapid Communications, 2022, , 2200216.	2.0	1
4	The Role of Electrostatic Interaction in the Self-assembly of Macroions. , 2022, , 55-84.		1
5	Side Group of Hydrophobic Amino Acids Controls Chiral Discrimination among Chiral Counterions and Metalâ€“Organic Cages. Nano Letters, 2022, 22, 4421-4428.	4.5	5
6	Accurate Determination of the Quantity and Spatial Distribution of Counterions around a Spherical Macroion. Angewandte Chemie, 2021, 133, 5897-5901.	1.6	2
7	Accurate Determination of the Quantity and Spatial Distribution of Counterions around a Spherical Macroion. Angewandte Chemie - International Edition, 2021, 60, 5833-5837.	7.2	14
8	Screw dislocation-induced pyramidal crystallization of dendron-like macromolecules featuring asymmetric geometry. Chemical Science, 2021, 12, 12130-12137.	3.7	4
9	Supramolecular structures based on metal-organic cages. Giant, 2021, 5, 100050.	2.5	21
10	Standalone 2-D Nanosheets and the Consequent Hydrogel and Coacervate Phases Formed by 2.5 nm Spherical U₆₀ Molecular Clusters in Dilute Aqueous Solution. Journal of Physical Chemistry B, 2021, 125, 12392-12397.	1.2	4
11	Polyoxometalate-Based Metal-Organic Framework Fractal Crystals. Matter, 2020, 2, 250-260.	5.0	46
12	Ion-pairs of structurally related polyoxotantalate clusters and divalent metal cations. Journal of Coordination Chemistry, 2020, 73, 2579-2589.	0.8	4
13	Rational Control of Selfâ€Recognition of Macroionic Î³â€Cyclodextrin by Hostâ€Guest Interaction with Superâ€Chaotropic Borate Cluster Ions. ChemPlusChem, 2020, 85, 2316-2319.	1.3	1
14	Dual-site catalysis for sustainable polymers to replace current commodity polymers â€“ carbonylative copolymerization of ethylene, ethylene oxide, and tetrahydrofuran. Chemical Communications, 2020, 56, 15341-15344.	2.2	4
15	Nanosheets and Hydrogels Formed by 2 nm Metalâ€“Organic Cages with Electrostatic Interaction. ACS Applied Materials & Interfaces, 2020, 12, 56310-56318.	4.0	11
16	Strong Enantiomeric Preference on the Macroionâ€“Counterion Interaction Induced by Weakly Associated Chiral Counterions. Journal of Physical Chemistry B, 2020, 124, 9958-9966.	1.2	7
17	Co-ion Effects in the Self-Assembly of Macroions: From Co-ions to Co-macroions and to the Unique Feature of Self-Recognition. Langmuir, 2020, 36, 10519-10527.	1.6	11
18	Synthesis, Assembly, and Sizing of Neutral, Lanthanide Substituted Molybdenum Blue Wheels {Mo₉₀Ln₁₀}. Journal of the American Chemical Society, 2020, 142, 17508-17514.	6.6	39

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19	Enhanced Macroanion Recognition of Superchaotropic Keggin Clusters Achieved by Synergy of Anionâ€"Ï€ and Anionâ€"Cation Interactions. Chemistry - A European Journal, 2020, 26, 16802-16810.	1.7	10
20	A large molecular cluster with high proton release capacity. Chemical Communications, 2020, 56, 12849-12852.	2.2	9
21	Supramolecular Nanostructures Constructed from Cluster-based Hybrid Macromolecules. Giant, 2020, 2, 100013.	2.5	33
22	Unraveling the Effects of Cobalt on Crystal Growth and Solution Behavior of Nb6P2W12-based Dimeric Clusters. Inorganic Chemistry, 2020, 59, 6747-6754.	1.9	9
23	Oligo(<scp>l</scp>-glutamic acids) in Calcium Phosphate Precipitation: Mechanism of Delayed Phase Transformation. Journal of Physical Chemistry B, 2020, 124, 6288-6298.	1.2	7
24	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Selfâ€Assembly of Giant Lipids. Angewandte Chemie, 2020, 132, 5264-5272.	1.6	6
25	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Selfâ€Assembly of Giant Lipids. Angewandte Chemie - International Edition, 2020, 59, 5226-5234.	7.2	30
26	Continuous Curvature Change into Controllable and Responsive Onion-like Vesicles by Rigid Sphereâ€"Rod Amphiphiles. ACS Nano, 2020, 14, 1811-1822.	7.3	20
27	Unraveling Chiral Selection in the Self-assembly of Chiral Fullerene Macroions: Effects of Small Chiral Components Including Counterions, Co-ions, or Neutral Molecules. Langmuir, 2020, 36, 4702-4710.	1.6	5
28	Morphology and Flow Behavior of Cellulose Nanofibers Dispersed in Glycols. Macromolecules, 2019, 52, 5499-5509.	2.2	18
29	Distinctive Trend of Metal Binding Affinity via Hydration Shell Breakage in Nanoconfined Cavity. Journal of Physical Chemistry C, 2019, 123, 14825-14833.	1.5	15
30	Unconventional Complex Coacervation between Neutral Polymer and Inorganic Polyoxometalate in Aqueous Solution via Direct Water Mediation. Macromolecules, 2019, 52, 8275-8284.	2.2	18
31	Isotope and Hydrogenâ€Bond Effects on the Selfâ€Assembly of Macroions in Dilute Solution. Chemistry - A European Journal, 2019, 25, 16288-16293.	1.7	7
32	Inhomogeneous Distribution of Cationic Surfactants around Anionic Molecular Clusters. Chemistry - A European Journal, 2019, 25, 15741-15745.	1.7	2
33	Adjusting Emission Wavelength by Tuning the Intermolecular Distance in Charge-Regulated Supramolecular Assemblies. Journal of Physical Chemistry C, 2019, 123, 23280-23286.	1.5	9
34	Sequence isomeric giant surfactants with distinct self-assembly behaviors in solution. Chemical Communications, 2019, 55, 636-639.	2.2	18
35	Competition and Cooperation among Different Attractive Forces in Solutions of Inorganicâ€"Organic Hybrids Containing Macroionic Clusters. Langmuir, 2019, 35, 7603-7616.	1.6	12
36	Tuning the Intercage Distance in Chargeâ€Regulated Blackberryâ€Type Assemblies through Hostâ€"Guest Chemistry. Chemistry - A European Journal, 2019, 25, 5803-5808.	1.7	11

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37	Comment on â€œPhotochemical reduction of carbon dioxide coupled with water oxidation using various soft-oxometalate (SOM) based catalytic systemsâ€•(J. Mater. Chem. A, 2016, 4, 8875â€“8887). Journal of Materials Chemistry A, 2019, 7, 23234-23240.	5.2	0
38	Conformational change due to intramolecular hydrophobic interaction leads to large blue-shifted emission from single molecular cage solutions. Chemical Communications, 2019, 55, 330-333.	2.2	14
39	Selfâ€Assembly of Polyoxometalateâ€“Peptide Hybrids in Solution: Elucidating the Contributions of Multiple Possible Driving Forces. European Journal of Inorganic Chemistry, 2019, 2019, 380-386.	1.0	22
40	Effect of Cationâ€“Ï€ Interaction on Macroionic Selfâ€Assembly. Angewandte Chemie, 2018, 130, 4131-4136.	1.6	13
41	Role of Protein Charge Density on Hepatitis B Virus Capsid Formation. ACS Omega, 2018, 3, 4384-4391.	1.6	7
42	Expanding the Schulzeâ€“Hardy Rule and the Hofmeister Series to Nanometerâ€Scaled Hydrophilic Macroions. Chemistry - A European Journal, 2018, 24, 5479-5483.	1.7	32
43	Effect of Cationâ€“Ï€ Interaction on Macroionic Selfâ€Assembly. Angewandte Chemie - International Edition, 2018, 57, 4067-4072.	7.2	37
44	Tuning of Polyoxopalladate Macroanionic Hydration Shell via Countercation Interaction. Chemistry - A European Journal, 2018, 24, 3052-3057.	1.7	29
45	Simple and efficient polyoxomolybdate-mediated synthesis of novel graphene and metal nanohybrids for versatile applications. Journal of Colloid and Interface Science, 2018, 514, 507-516.	5.0	14
46	Investigation of polybenzoxazine gelation using laser light scattering. Journal of Applied Polymer Science, 2018, 135, 45709.	1.3	6
47	Rational Design of Organically Functionalized Polyoxopalladates and Their Supramolecular Properties. Chemistry - A European Journal, 2018, 24, 2466-2473.	1.7	26
48	Improved peroxidase-mimic property: Sustainable, high-efficiency interfacial catalysis with H2O2 on the surface of vesicles of hexavanadate-organic hybrid surfactants. Nano Research, 2018, 11, 1313-1321.	5.8	25
49	Unique Symmetry-Breaking Phenomenon during the Self-assembly of Macroions Elucidated by Simulation. Scientific Reports, 2018, 8, 13076.	1.6	14
50	A dimorphism shift of hepatitis B virus capsids in response to ionic conditions. Nanoscale, 2018, 10, 16984-16989.	2.8	6
51	Hydrogen bonding directed co-assembly of polyoxometalates and polymers to coreâ€“shell nanoparticles. Materials Chemistry Frontiers, 2018, 2, 2070-2075.	3.2	16
52	Supramolecular arrays by the self-assembly of terpyridine-based monomers with transition metal ions. Dalton Transactions, 2018, 47, 7528-7533.	1.6	11
53	Hierarchical self-assembly of zwitterionic dendrimerâ€“anionic surfactant complexes into multiple stimuli-responsive dynamic nanotubes. Nanoscale, 2018, 10, 1411-1419.	2.8	9
54	Title: Periodic Mesoporous Hexagonal Boron Nitride at High Pressure: A Route to Cubic Boron Nitride Nanocrystals and Mesoporous Cubic Boron Nitride. ChemistrySelect, 2017, 2, 740-744.	0.7	4

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55	Cation Translocation around Single Polyoxometalateâ€“Organic Hybrid Cluster Regulated by Electrostatic and Cationâ€“Ï€ Interactions. Angewandte Chemie, 2017, 129, 3342-3346.	1.6	8
56	A fundamental study of oil release mechanism in soap and non-soap thickened greases. Tribology International, 2017, 110, 333-340.	3.0	31
57	Cation Translocation around Single Polyoxometalateâ€“Organic Hybrid Cluster Regulated by Electrostatic and Cationâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2017, 56, 3294-3298.	7.2	18
58	Partitioning of Small Molecules in Hydrogen-Bonding Complex Coacervates of Poly(acrylic acid) and Poly(ethylene glycol) or Pluronic Block Copolymer. Macromolecules, 2017, 50, 3818-3830.	2.2	37
59	A Spontaneous Structural Transition of {U₂₄Pp₁₂} Clusters Triggered by Alkali Counterion Replacement in Dilute Solution. Chemistry - A European Journal, 2017, 23, 7915-7919.	1.7	5
60	Polyoxometalate-based gelating networks for entrapment and catalytic decontamination. Chemical Communications, 2017, 53, 11480-11483.	2.2	56
61	Mannoseâ€based graft polyesters with tunable binding affinity to concanavalin A. Journal of Polymer Science Part A, 2017, 55, 3908-3917.	2.5	9
62	Autonomous model protocell division driven by molecular replication. Nature Communications, 2017, 8, 237.	5.8	48
63	Strong Co-Ion Effect via Cationâˆ’Ï€ Interaction on the Self-Assembly of Metalâ€“Organic Cationic Macrocycles. Journal of the American Chemical Society, 2017, 139, 12020-12026.	6.6	39
64	Tuning the Surface Hydrophobicity of Keplerate {Mo72Fe30} Porous Molecular Capsules by Surface Ligand-Replacement Process. Journal of Cluster Science, 2017, 28, 745-755.	1.7	3
65	Rationally Controlling the Self-Assembly Behavior of Triarmed POSSâ€“Organic Hybrid Macromolecules: From Giant Surfactants to Macroions. Macromolecules, 2017, 50, 5042-5050.	2.2	34
66	Rationally Controlled Self-Assembly Behavior of Inorganic-Organic Hybrids in Solution. ACS Symposium Series, 2017, , 151-187.	0.5	0
67	New Perspectives for Old Clusters: Andersonâ€“Evans Anions as Building Blocks of Large Polyoxometalate Frameworks in a Series of Heterometallic 3â€‰dâ€“4â€‰f Species. Chemistry - A European Journal, 2016, 22, 4616-4625.	1.7	30
68	Lightâ€•and Solventâ€Controlled Selfâ€Assembly Behavior of Spiropyranâ€“Polyoxometalateâ€“Alkyl Hybrid Molecules. Chemistry - A European Journal, 2016, 22, 11756-11762.	1.7	31
69	Elucidating the Origin of the Attractive Force among Hydrophilic Macroions. Scientific Reports, 2016, 6, 26595.	1.6	27
70	Effect of Directional Hydrogen Bonding on the Self-Assembly of Anisotropically-Shaped Macroions. ChemistrySelect, 2016, 1, 4345-4349.	0.7	12
71	Self-Assembly of Polyoxovanadate-Containing Fluorosurfactants. Langmuir, 2016, 32, 12856-12861.	1.6	11
72	Modification of the Solution Behavior of Pd₁₂L₂₄ Metalâ€“Organic Nanocages via PEGylation. Chemistry - A European Journal, 2016, 22, 17949-17952.	1.7	32

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73	Thermal Responsive Ion Selectivity of Uranyl Peroxide Nanocages: An Inorganic Mimic of K⁺ Ion Channels. Angewandte Chemie, 2016, 128, 7001-7005.	1.6	16
74	Thermal Responsive Ion Selectivity of Uranyl Peroxide Nanocages: An Inorganic Mimic of K⁺ Ion Channels. Angewandte Chemie - International Edition, 2016, 55, 6887-6891.	7.2	32
75	Manipulation of Self-Assembled Nanostructure Dimensions in Molecular Janus Particles. ACS Nano, 2016, 10, 6585-6596.	7.3	79
76	Rational controlled morphological transitions in the self-assembled multi-headed giant surfactants in solution. Chemical Communications, 2016, 52, 8687-8690.	2.2	34
77	Origin of Water-Induced Fluorescence Turn-On from a Schiff Base Compound: AIE or H-Bonding Promoted ESIPT?. Journal of Physical Chemistry B, 2016, 120, 766-772.	1.2	59
78	Solution behaviour of a polymer with polyoxometalate inorganic molecular clusters in its main chain. New Journal of Chemistry, 2016, 40, 910-913.	1.4	7
79	Selfâ€Recognition Between Two Almost Identical Macroions During Their Assembly: The Effects of pH and Temperature. Chemistry - A European Journal, 2015, 21, 13234-13239.	1.7	7
80	Selective Permeability of Uranyl Peroxide Nanocages to Different Alkali Ions: Influences from Surface Pores and Hydration Shells. Chemistry - A European Journal, 2015, 21, 18785-18790.	1.7	29
81	Exploring the Effect of Surface Functionality on the Selfâ€Assembly of Polyoxopalladate Macroions. Chemistry - A European Journal, 2015, 21, 9048-9052.	1.7	25
82	Spontaneous Selfâ€Assembly of Î³â€Cyclodextrins in Dilute Solutions with Tunable Sizes and Thermodynamic Stability. Chemistry - A European Journal, 2015, 21, 9563-9568.	1.7	15
83	Supramolecular Assembly of Poly(propyleneimine) Dendrimers Driven By Simple Monovalent Counterions. Chemistry - A European Journal, 2015, 21, 18623-18630.	1.7	17
84	Frontispiece: Selfâ€Recognition Between Two Almost Identical Macroions During Their Assembly: The Effects of pH and Temperature. Chemistry - A European Journal, 2015, 21, .	1.7	0
85	Hedgehog-shaped {Mo368} cluster: unique electronic/structural properties, surfactant encapsulation and related self-assembly into vesicles and films. Soft Matter, 2015, 11, 2372-2378.	1.2	12
86	Charge-Regulated Spontaneous, Reversible Self-Assembly of the Carboxylic Acid-Functionalized Hydrophilic Fullerene Macroanions in Dilute Solution. Macromolecules, 2015, 48, 725-731.	2.2	29
87	Design of polystyrene latex particles covered with polyoxometalate clusters via multiple covalent bonding. Chemical Communications, 2015, 51, 6104-6107.	2.2	14
88	A Library of Thermoresponsive, Coacervate-Forming Biodegradable Polyesters. Macromolecules, 2015, 48, 3834-3842.	2.2	54
89	Crownâ€Shaped Tungstogermanates as Solventâ€Controlled Dual Systems in the Formation of Vesicleâ€Like Assemblies. Chemistry - A European Journal, 2015, 21, 7736-7745.	1.7	19
90	Experimental measurements of U60 nanocluster stability in aqueous solution. Geochimica Et Cosmochimica Acta, 2015, 156, 94-105.	1.6	19

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91	Self-assembly of triangular polyoxometalateâ€“organic hybrid macroions in mixed solvents. Chemical Communications, 2015, 51, 8630-8633.	2.2	20
92	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. Nature Communications, 2015, 6, 6475.	5.8	66
93	Temperature- and salt-responsive polyoxometalateâ€“poly(N-isopropylacrylamide) hybrid macromolecules in aqueous solution. Chemical Communications, 2015, 51, 15982-15985.	2.2	16
94	Supramolecular Assemblies of Polyoxometalateâ€Tethered Diblock Copolymers with Tunable Sizes in Nâ€Methylâ€2â€pyrrolidone/Toluene Mixed Solvents. European Journal of Inorganic Chemistry, 2014, 2014, 4589-4592.	1.0	9
95	Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie, 2014, 126, 10196-10201.	1.6	16
96	Size tunable synthesis of solution processable diamond nanocrystals. Chemical Communications, 2014, 50, 11307-11310.	2.2	16
97	Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie - International Edition, 2014, 53, 10032-10037.	7.2	53
98	Spontaneous Stepwise Selfâ€Assembly of a Polyoxometalateâ€“Organic Hybrid into Catalytically Active Oneâ€Dimensional Anisotropic Structures. Chemistry - A European Journal, 2014, 20, 9589-9595.	1.7	67
99	Soft Matter Approaches for Enhancing the Catalytic Capabilities of Polyoxometalate Clusters. Journal of Cluster Science, 2014, 25, 695-710.	1.7	15
100	Self-Assembly of Subnanometer-Scaled Polyhedral Oligomeric Silsesquioxane (POSS) Macroions in Dilute Solution. European Journal of Inorganic Chemistry, 2014, 2014, 4593-4599.	1.0	19
101	Evolution of Actinyl Peroxide Clusters U₂₈ in Dilute Electrolyte Solution: Exploring the Transition from Simple Ions to Macroionic Assemblies. Chemistry - A European Journal, 2014, 20, 1683-1690.	1.7	18
102	Exploring the Programmable Assembly of a Polyoxometalateâ€“Organic Hybrid via Metal Ion Coordination. Journal of the American Chemical Society, 2013, 135, 13425-13432.	6.6	78
103	{Mo₂₄Fe₁₂} Macrocycles: Anion Templation with Large Polyoxometalate Guests. Angewandte Chemie - International Edition, 2013, 52, 10500-10504.	7.2	54
104	Bottom-Up Construction of POM-Based Macrostructures: Coordination Assembled Paddle-Wheel Macroclusters and Their Vesicle-like Supramolecular Aggregation in Solution. Journal of the American Chemical Society, 2013, 135, 17155-17160.	6.6	71
105	The self-assembly of a macroion with anisotropic surface charge density distribution. Chemical Communications, 2013, 49, 609-611.	2.2	18
106	Determination of the Effective Charge Density of pH-Responsive Keplerate Polyoxometalate Clusters by Means of Agarose Gel Electrophoresis. European Journal of Inorganic Chemistry, 2013, 2013, 1854-1858.	1.0	5
107	Self-Recognition of Structurally Identical, Rod-Shaped Macroions with Different Central Metal Atoms during Their Assembly Process. Journal of the American Chemical Society, 2013, 135, 4529-4536.	6.6	54
108	WHEN GIANTS MEET DWARVES IN THE SAME POND â€" UNIQUE SOLUTION PHYSICAL CHEMISTRY OPPORTUNITIES OFFERED BY POLYOXOMETALATE MACROIONS. World Scientific Series in Nanoscience and Nanotechnology, 2013, , 49-99.	0.1	1

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109	The Best of Polyoxometalates. European Journal of Inorganic Chemistry, 2013, 2013, 1559-1560.	1.0	15
110	Supramolecular architectures assembled from amphiphilic hybrid polyoxometalates. Dalton Transactions, 2012, 41, 2853.	1.6	56
111	Polyoxometalateâ€“Organic Hybrid Molecules as Amphiphilic Emulsion Catalysts for Deep Desulfurization. Chemistry - A European Journal, 2012, 18, 9174-9178.	1.7	98
112	Chemical Adaptability: The Integration of Different Kinds of Matter into Giant Molecular Metal Oxides. Chemistry - A European Journal, 2012, 18, 16310-16318.	1.7	18
113	Fusarium wilt ofColeus forskohliicaused byFusarium oxysporumin China. Canadian Journal of Plant Pathology, 2012, 34, 310-314.	0.8	6
114	Poly(ionic liquid) and macrocyclic polyoxometalate ionic self-assemblies: new water-insoluble and visible light photosensitive catalysts. Journal of Materials Chemistry, 2012, 22, 319-323.	6.7	44
115	Solution behaviors and self-assembly of polyoxometalates as models of macroions and amphiphilic polyoxometalateâ€“organic hybrids as novel surfactants. Chemical Society Reviews, 2012, 41, 7368.	18.7	334
116	Supramolecular Assembly of Conjugated Polymers Containing Polyoxometalate Terminal Side Chains in Polar and Nonpolar Solvents. Chemistry - A European Journal, 2012, 18, 6754-6758.	1.7	25
117	Controllable Selfâ€Assembly of Organicâ€“Inorganic Amphiphiles Containing Dawson Polyoxometalate Clusters. Chemistry - A European Journal, 2012, 18, 8157-8162.	1.7	89
118	Self-Recognition Among Different Polyprotic Macroions During Assembly Processes in Dilute Solution. Science, 2011, 331, 1590-1592.	6.0	109
119	Amphiphilic Properties of Dumbbell-Shaped Inorganicâ€“Organicâ€“Inorganic Molecular Hybrid Materials in Solution and at an Interface. Langmuir, 2011, 27, 9193-9202.	1.6	44
120	Inorganicâ€“Organic Hybrid Vesicles with Counterion- and pH-Controlled Fluorescent Properties. Journal of the American Chemical Society, 2011, 133, 14010-14016.	6.6	178
121	Counterion Interaction and Association in Metalâ€Oxide Cluster Macroanionic Solutions and the Consequent Selfâ€Assembly. Israel Journal of Chemistry, 2011, 51, 191-204.	1.0	35
122	A Doubleâ€Tailed Fluorescent Surfactant with a Hexavanadate Cluster as the Head Group. Angewandte Chemie - International Edition, 2011, 50, 2521-2525.	7.2	167
123	Viralâ€Capsidâ€Type Vesicleâ€Like Structures Assembled from M₁₂L₂₄Metalâ€“Organic Hybrid Nanocages. Angewandte Chemie - International Edition, 2011, 50, 5182-5187.	7.2	68
124	Buildup of Amphiphilic Molecular Bola from Organicâ€“Inorganic Hybrid Polyoxometalates and Their Vesicleâ€Like Supramolecular Assembly. Chemistry - A European Journal, 2011, 17, 12006-12009.	1.7	14
125	Effect of SS-toxin, a metabolite of Stemphylium solani, on H+-ATPase activity and standard redox system in plasma membranes from seedlings leaves of garlic (Allium sativum). European Journal of Plant Pathology, 2010, 127, 419-425.	0.8	3
126	Unique Supramolecular Assembly of Wheel-Shaped Nanoscale Polyanions with a Hydrophobic Core. European Journal of Inorganic Chemistry, 2010, 2010, 3195-3200.	1.0	16

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127	Reverseâ€Vesicle Formation of Organicâ€“Inorganic Polyoxometalateâ€Containing Hybrid Surfactants with Tunable Sizes. Chemistry - A European Journal, 2010, 16, 11320-11324.	1.7	65
128	Porous Capsules {(M)M₅}₁₂Fe^{III}₃₀ (M=Mo^{VI}, W^{VI}): Sphere Surface Supramolecular Chemistry with 20 Ammonium Ions, Related Solution Properties, and Tuning of Magnetic Exchange Interactions. Angewandte Chemie - International Edition, 2010, 49, 514-519.	7.2	77
129	Stability of Keplerate polyoxometalate macroanionic assemblies in salt-containing aqueous solutions. Inorganica Chimica Acta, 2010, 363, 4230-4233.	1.2	6
130	Selective Monovalent Cation Association and Exchange around Keplerate Polyoxometalate Macroanions in Dilute Aqueous Solutions. Langmuir, 2010, 26, 9449-9456.	1.6	66
131	Pd0@Polyoxometalate Nanostructures as Green Electrocatalysts: Illustrative Example of Hydrogen Production. Materials, 2010, 3, 741-754.	1.3	31
132	Hydrophilic Macroionic Solutions: What Happens When Soluble Ions Reach the Size of Nanometer Scale?. Langmuir, 2010, 26, 9202-9213.	1.6	119
133	Unprecedented and Differently Applicable Pentagonal Units in a Dynamic Library: A Keplerate of the Type {(W)W₅}₁₂{Mo₂}₃₀. Angewandte Chemie - International Edition, 2009, 48, 149-153.	7.2	115
134	Counterion Distribution around Hydrophilic Molecular Macroanions: The Source of the Attractive Force in Selfâ€Assembly. Angewandte Chemie - International Edition, 2009, 48, 6538-6542.	7.2	70
135	Synthesis of Modular â€œInorganicâ€“Organicâ€“Inorganicâ€•Polyoxometalates and Their Assembly into Vesicles. Angewandte Chemie - International Edition, 2009, 48, 8309-8313.	7.2	162
136	Lag Periods During the Self-Assembly of {Mo₇₂Fe₃₀} Macroions: Connection to the Virus Capsid Formation Process. Journal of the American Chemical Society, 2009, 131, 15152-15159.	6.6	73
137	Accurately Tuning the Charge on Giant Polyoxometalate Type Keplerates through Stoichiometric Interaction with Cationic Surfactants. Langmuir, 2009, 25, 7328-7334.	1.6	29
138	Synthesis of Stishovite Nanocrystals from Periodic Mesoporous Silica. Journal of the American Chemical Society, 2009, 131, 2764-2765.	6.6	22
139	Synthesis of remarkably stabilized metal nanostructures using polyoxometalates. Journal of Materials Chemistry, 2009, 19, 19-33.	6.7	109
140	Molybdenum-oxide based unique polyprotic nanoacids showing different deprotonations and related assembly processes in solution. Dalton Transactions, 2009, , 5094.	1.6	42
141	Self-Assembly of Yttrium-Containing Lacunary Polyoxotungstate Macroanions in Solution with Controllable Supramolecular Structure Size by pH or Solvent Content. Langmuir, 2008, 24, 9308-9313.	1.6	21
142	Self-Assembly of Organicâ^'Inorganic Hybrid Amphiphilic Surfactants with Large Polyoxometalates as Polar Head Groups. Journal of the American Chemical Society, 2008, 130, 14408-14409.	6.6	291
143	Self-Assembly of Polyoxometalate Macroanion-Capped Pd0 Nanoparticles in Aqueous Solution. Langmuir, 2008, 24, 5277-5283.	1.6	43
144	Spontaneous Self-Assembly of Metalâ^'Organic Cationic Nanocages to Form Monodisperse Hollow Vesicles in Dilute Solutions. Journal of the American Chemical Society, 2008, 130, 4226-4227.	6.6	91

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145	Membranes Based on â€œKeplerateâ€•Type Polyoxometalates:â€‰ Slow, Passive Cation Transportation and Creation of Water Microenvironment. Journal of the American Chemical Society, 2008, 130, 1548-1549.	6.6	75
146	Charge Regulation as a Stabilization Mechanism for Shell-Like Assemblies of Polyoxometalates. Physical Review Letters, 2007, 99, 066104.	2.9	110
147	Structure of the Haemophilus influenzae HMW1B Translocator Protein: Evidence for a Twin Pore. Journal of Bacteriology, 2007, 189, 7497-7502.	1.0	12
148	Hydrophilic Inorganic Macro-Ions in Solution: Unprecedented Self-Assembly Emerging from Historical "Blue Waters". Journal of Chemical Education, 2007, 84, 526.	1.1	37
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