

Hao-Long Li

List of Publications by Year in descending order

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76
papers

3,612
citations

109321

35
h-index

138484

58
g-index

80
all docs

80
docs citations

80
times ranked

3465
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-by-Layer Assembly and UV Photoreduction of Grapheneâ€“Polyoxometalate Composite Films for Electronics. <i>Journal of the American Chemical Society</i> , 2011, 133, 9423-9429.	13.7	304
2	Onionlike Hybrid Assemblies Based on Surfactant-Encapsulated Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1300-1303.	13.8	234
3	Polyoxometalate-Based Vesicle and Its Honeycomb Architectures on Solid Surfaces. <i>Journal of the American Chemical Society</i> , 2005, 127, 8016-8017.	13.7	173
4	Polyoxometalate assisted photoreduction of graphene oxide and its nanocomposite formation. <i>Chemical Communications</i> , 2010, 46, 6243.	4.1	164
5	A Highly Transparent and Luminescent Hybrid Based on the Copolymerization of Surfactant-Encapsulated Polyoxometalate and Methyl Methacrylate. <i>Advanced Materials</i> , 2005, 17, 2688-2692.	21.0	158
6	Ionic Complexes of Metal Oxide Clusters for Versatile Self-Assemblies. <i>Accounts of Chemical Research</i> , 2017, 50, 1391-1399.	15.6	145
7	Stable Photochromism and Controllable Reduction Properties of Surfactant-Encapsulated Polyoxometalate/Silica Hybrid Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8257-8263.	2.6	98
8	Inorganicâ€“Macroionâ€“Induced Formation of Bicontinuous Block Copolymer Nanocomposites with Enhanced Conductivity and Modulus. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9013-9017.	13.8	89
9	A surfactant-encapsulated polyoxometalate complex towards a thermotropic liquid crystal. <i>Chemical Communications</i> , 2005, , 3785.	4.1	86
10	Electrochemicalâ€“Reductionâ€“Assisted Assembly of a Polyoxometalate/Graphene Nanocomposite and Its Enhanced Lithiumâ€“Storage Performance. <i>Chemistry - A European Journal</i> , 2013, 19, 10895-10902.	3.3	86
11	Self-Organized Microporous Structures Based on Surfactant-Encapsulated Polyoxometalate Complexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24847-24854.	2.6	84
12	Surfactant-Encapsulated Europium-Substituted Heteropolyoxotungstates: A Structural Characterizations and Photophysical Properties. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12776-12782.	2.6	83
13	Assembly of Cerium(III)â€“Stabilized Polyoxotungstate Nanoclusters with $\text{SeO}_3^{2-}/\text{TeO}_3^{2-}$ Templates: From Single Polyoxoanions to Inorganic Hollow Spheres in Dilute Solution. <i>Chemistry - A European Journal</i> , 2013, 19, 11007-11015.	3.3	83
14	Preparation of a Cross-Linked Sulfonated Poly(arylene ether ketone) Proton Exchange Membrane with Enhanced Proton Conductivity and Methanol Resistance by Introducing an Ionic Liquid-Impregnated Metal Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31899-31908.	8.0	76
15	A Novel, Luminescent, Silica-Solâ€“Gel Hybrid Based on Surfactant- Encapsulated Polyoxometalates. <i>Advanced Materials</i> , 2007, 19, 1983-1987.	21.0	70
16	Chiral Heteropoly Blues and Controllable Switching of Achiral Polyoxometalate Clusters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4577-4581.	13.8	67
17	Micro-patterned polystyrene surfaces directed by surfactant-encapsulated polyoxometalate complex via breath figures. <i>Polymer</i> , 2009, 50, 2113-2122.	3.8	65
18	Photoâ€“Responsive Selfâ€“Assembly of an Azobenzeneâ€“Ended Surfactantâ€“Encapsulated Polyoxometalate Complex for Modulating Catalytic Reactions. <i>Small</i> , 2012, 8, 3105-3110.	10.0	64

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19	A label-free aptasensor for turn-on fluorescent detection of ATP based on AIE-active probe and water-soluble carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 556-558.	7.8	63
20	Self-Assembly and Structural Evolvement of Polyoxometalate-Anchored Dendron Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 8062-8071.	3.3	60
21	In situ fabrication of flower-like gold nanoparticles in surfactant-polyoxometalate-hybrid spherical assemblies. <i>Chemical Communications</i> , 2010, 46, 3750.	4.1	58
22	Controllable vesicular structure and reversal of a surfactant-encapsulated polyoxometalate complex. <i>Soft Matter</i> , 2009, 5, 4047.	2.7	55
23	Polyoxometalate-Polymer Hybrid Materials as Proton Exchange Membranes for Fuel Cell Applications. <i>Molecules</i> , 2019, 24, 3425.	3.8	52
24	Supramolecular assembly of chiral polyoxometalate complexes for asymmetric catalytic oxidation of thioethers. <i>Journal of Materials Chemistry</i> , 2012, 22, 9181.	6.7	49
25	Photoreduction processes of graphene oxide and related applications. <i>Macromolecular Research</i> , 2013, 21, 290-297.	2.4	49
26	Hybrid Liquid-Crystalline Electrolytes with High-Temperature-Stable Channels for Anhydrous Proton Conduction. <i>Journal of the American Chemical Society</i> , 2021, 143, 21433-21442.	13.7	45
27	Insights into the working mechanism of cathode interlayers in polymer solar cells via $[(C_{80}H_{17})_4N]_4[SiW_{12}O_{40}]$. <i>Journal of Materials Chemistry A</i> , 2016, 4, 19189-19196.	10.3	42
28	Self-Assembled Multibilayers of Europium Alkanoates: Structure, Photophysics, and Mesomorphic Behavior. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21669-21676.	2.6	40
29	Incorporation of Polyoxometalates Into Polystyrene Latex by Supramolecular Encapsulation and Miniemulsion Polymerization. <i>Macromolecular Rapid Communications</i> , 2008, 29, 431-436.	3.9	40
30	Structurally dependent self-assembly and luminescence of polyoxometalate-cored supramolecular star polymers. <i>Polymer Chemistry</i> , 2014, 5, 1930-1937.	3.9	37
31	Multiscale Self-Assembly of Mobile-Ligand Molecular Nanoparticles for Hierarchical Nanocomposites. <i>ACS Nano</i> , 2019, 13, 7135-7145.	14.6	37
32	Thermal-induced dynamic self-assembly of adenine-grafted polyoxometalate complexes. <i>Dalton Transactions</i> , 2012, 41, 10043.	3.3	36
33	A processable hybrid supramolecular polymer formed by base pair modified polyoxometalate clusters. <i>Chemical Communications</i> , 2013, 49, 8039.	4.1	36
34	Controllable Nanostructure Formation through Enthalpy-Driven Assembly of Polyoxometalate Clusters and Block Copolymers. <i>Macromolecules</i> , 2015, 48, 4104-4114.	4.8	36
35	Instantaneous and reversible gelation of organically grafted polyoxometalate complexes with dicarboxylic acids. <i>Soft Matter</i> , 2012, 8, 3315.	2.7	35
36	Nanostructured Polymer Composite Electrolytes with Self-Assembled Polyoxometalate Networks for Proton Conduction. <i>CCS Chemistry</i> , 2022, 4, 151-161.	7.8	35

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37	Polyoxometalate-modulated self-assembly of polystyrene-block-poly(4-vinylpyridine). <i>Chemical Communications</i> , 2011, 47, 10019.	4.1	34
38	Metallo/clusto hybridized supramolecular polymers. <i>Soft Matter</i> , 2014, 10, 9038-9053.	2.7	31
39	Self-assembly and ion-trapping properties of inorganic nanocapsule-surfactant hybrid spheres. <i>Soft Matter</i> , 2011, 7, 2668.	2.7	30
40	Hybrid Assemblies Based on a Gadolinium-Containing Polyoxometalate and a Cationic Polymer with Spermine Side Chains for Enhanced MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2013, 19, 13317-13321.	3.3	27
41	Self-assembled lamellar nanochannels in polyoxometalate-polymer nanocomposites for proton conduction. <i>Chinese Chemical Letters</i> , 2021, 32, 2013-2016.	9.0	27
42	Label-free detection for SNP using AIE probes and carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 92-96.	7.8	26
43	Surfactant-encapsulated polyoxometalloeuropate: polarized Eu ³⁺ emission in the highly ordered self-organizing film. <i>Journal of Colloid and Interface Science</i> , 2004, 274, 200-203.	9.4	25
44	Supramolecular star polymer films with tunable honeycomb structures templated by breath figures. <i>Polymer</i> , 2017, 117, 306-314.	3.8	25
45	Noncovalent Functionalization of Graphene Nanosheets with Cluster-Cored Star Polymers and Their Reinforced Polymer Coating. <i>ACS Macro Letters</i> , 2015, 4, 974-978.	4.8	23
46	Multifunctional Enhancement of Proton-Conductive, Stretchable, and Adhesive Performance in Hybrid Polymer Electrolytes by Polyoxometalate Nanoclusters. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30039-30050.	8.0	22
47	Photoreduction of graphene oxide with polyoxometalate clusters and its enhanced saturable absorption. <i>Journal of Colloid and Interface Science</i> , 2014, 427, 25-28.	9.4	21
48	Janus onions of block copolymers via confined self-assembly. <i>Polymer</i> , 2019, 174, 70-76.	3.8	21
49	Phase transfer and dispersion of reduced graphene oxide nanosheets using cluster suprasurfactants. <i>Chemical Communications</i> , 2014, 50, 9700-9703.	4.1	20
50	Charge and Pressure-Tuned Surface Patterning of Surfactant-Encapsulated Polyoxometalate Complexes at the Air-Water Interface. <i>Langmuir</i> , 2012, 28, 14624-14632.	3.5	18
51	Inorganic-Macroion-Induced Formation of Bicontinuous Block Copolymer Nanocomposites with Enhanced Conductivity and Modulus. <i>Angewandte Chemie</i> , 2017, 129, 9141-9145.	2.0	18
52	Polyoxometalate-Cross-Linked Proton Exchange Membranes with Post-Assembled Nanostructures for High-Temperature Proton Conduction. <i>ACS Applied Energy Materials</i> , 2022, 5, 9058-9069.	5.1	18
53	Organo-Ru supported sandwich-type tungstoarsenates: synthesis, structure and catalytic properties. <i>CrystEngComm</i> , 2013, 15, 5867.	2.6	17
54	Noncovalent fabrication and tunable fusion of block copolymer-giant polyoxometalate hybrid micelles. <i>Soft Matter</i> , 2014, 10, 6791-6797.	2.7	17

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55	Ultrasml Nanoparticles Diluted Chain Entanglement in Polymer Nanocomposites. Chinese Journal of Polymer Science (English Edition), 2019, 37, 797-805.	3.8	17
56	In situ photopolymerization and photophysical properties of a surfactant-encapsulated polyoxometalate in casting film. Journal of Colloid and Interface Science, 2008, 323, 176-181.	9.4	14
57	Self-Assembled Monolayers of CH ₃ COS ⁺ Terminated Surfactant-Encapsulated Polyoxometalate Complexes. Langmuir, 2008, 24, 4693-4699.	3.5	14
58	Preparation of hybrid films containing polyoxometalate and fluorescein and their electrochemically induced fluorescence switching behaviors. Journal of Materials Chemistry C, 2014, 2, 4423.	5.5	13
59	Versatile self-assembly of supramolecular block copolymers with ionic cluster junctions. Polymer Chemistry, 2016, 7, 3216-3220.	3.9	13
60	Triblock Copolymer/Polyoxometalate Nanocomposite Electrolytes with Inverse Hexagonal Cylindrical Nanostructures. Macromolecular Rapid Communications, 2020, 41, e2000438.	3.9	13
61	Structural characterization of dimethyldioctadecylammonium-encapsulated terbium-substituted heteropolyoxotungatates in solid, Langmuir-Blodgett and solvent-casting films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 272, 176-181.	4.7	12
62	A novel polymerizable pigment based on surfactant-encapsulated polyoxometalates and their application in polymer coloration. Dyes and Pigments, 2008, 79, 105-110.	3.7	12
63	Hedgehog-shaped {Mo ₃₆₈ } cluster: unique electronic/structural properties, surfactant encapsulation and related self-assembly into vesicles and films. Soft Matter, 2015, 11, 2372-2378.	2.7	12
64	Electrostatic tuning of block copolymer morphologies by inorganic macroions. Polymer, 2016, 106, 53-61.	3.8	12
65	Rheological Properties of ABA-Type Copolymers Physically End-Cross-Linked by Polyoxometalate. Macromolecules, 2020, 53, 10927-10941.	4.8	11
66	A perspective on polyoxometalates as versatile synthons for precisely hybridized polymer materials. Polymer International, 2020, 69, 665-667.	3.1	10
67	In situ crosslinking of polyoxometalate-polymer nanocomposites for robust high-temperature proton exchange membranes. Chinese Chemical Letters, 2023, 34, 107497.	9.0	7
68	Surfactant induced orientation of non-centrosymmetric polyoxometalate clusters in Langmuir-Blodgett films. Thin Solid Films, 2010, 519, 417-422.	1.8	6
69	Polymer grafts on zirconia particles and their application as supports of hybrid catalyst. Polymer International, 2015, 64, 804-810.	3.1	6
70	Fabrication of mesoporous H ₃ PW ₁₂ O ₄₀ /TiO ₂ composite nanofibers via self-assembly of PS-b-PEO and photocatalytic performance of the resultant fabrics. Composites Communications, 2019, 13, 125-128.	6.3	6
71	Nanostructured high-performance electrolyte membranes based on polymer network post-assembly for high-temperature supercapacitors. Journal of Colloid and Interface Science, 2021, 603, 408-417.	9.4	6
72	Block-copolymer-like self-assembly behavior of mobile-ligand grafted ultra-small nanoparticles. Soft Matter, 2021, 17, 5897-5906.	2.7	5

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73	Synthesis, Structure and Property of a Dawson-type Arsenomolybdate with an Appended AsIII Cap. Journal of Cluster Science, 2014, 25, 741-753.	3.3	4
74	Self-assembly of a Surfactant-encapsulated Polyoxometalate Mediated by Coordination of Metal Ions. Chemistry Letters, 2006, 35, 706-707.	1.3	3
75	Polymer-surfactant-controlled 3D confined assembly of block copolymers for nanostructured colloidal particles. Polymer, 2021, 213, 123326.	3.8	3
76	Polyoxometalate Assemblies: Photo-Responsive Self-Assembly of an Azobenzene-Ended Surfactant-Encapsulated Polyoxometalate Complex for Modulating Catalytic Reactions (Small) Tj ETQq0 0 0 rgBT /Ooel lock 10 Tf 50 61		