Yu-Fei Song

List of Publications by Year
in descending order

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166 papers	9,864 citations	36203 51 h-index	39575 94 g-index
181 all docs	181 docs citations	181 times ranked	7818 citing authors

#	Article	IF	Citations
1	Superâ€Stable Mineralization of Ni²⁺ Ions from Wastewater using CaFe Layered Double Hydroxide. Advanced Functional Materials, 2022, 32, 2106645.	7.8	28
2	Remote Synthesis of Layered Double Hydroxide Nanosheets Through the Automatic Chemical Robot. Chemical Research in Chinese Universities, 2022, 38, 217-222.	1.3	5
3	Hierarchical trace copper incorporation activated cobalt layered double hydroxide as a highly selective methanol conversion electrocatalyst to realize energy-matched photovoltaic-electrocatalytic formate and hydrogen co-production. Journal of Materials Chemistry A, 2022, 10, 19649-19661.	5.2	12
4	Covalently tethering disulfonic acid moieties onto polyoxometalate boosts acid strength and catalytic performance for hydroxyalkylation/alkylation reaction. Science China Chemistry, 2022, 65, 699-709.	4.2	2
5	In Situ Construction of MIL-100@NiMn-LDH Hierarchical Architectures for Highly Selective Photoreduction of CO₂ to CH₄. ACS Applied Materials & Interfaces, 2022, 14, 16369-16378.	4.0	17
6	Polyoxometalateâ€Surfactant Assemblies: Responsiveness to Orthogonal Stimuli. Angewandte Chemie, 2022, 134, .	1.6	4
7	Polyoxometalateâ€Surfactant Assemblies: Responsiveness to Orthogonal Stimuli. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
8	Electrodeposition of Defectâ€Rich Ternary NiCoFe Layered Double Hydroxides: Fine Modulation of Co³⁺ for Highly Efficient Oxygen Evolution Reaction. Chemistry - A European Journal, 2022, 28, .	1.7	5
9	Electronic Structure Reconfiguration of Self-Supported Polyoxometalate-Based Lithium-Ion Battery Anodes for Efficient Lithium Storage. ACS Applied Materials & Interfaces, 2022, 14, 1169-1176.	4.0	13
10	Advanced Anode Materials for Sodium-Ion Batteries: Confining Polyoxometalates in Flexible Metalâ€“Organic Frameworks by the â€œBreathing Effectâ€. ACS Applied Materials & Interfaces, 2022, 14, 22186-22196.	4.0	22
11	Mechanistic insights of molecular metal polyselenides for catalytic hydrogen generation. Chemical Communications, 2022, 58, 6906-6909.	2.2	3
12	Fiber Templated Epitaxially Grown Composite Membranes: From Thermal Insulation to Infrared Stealth. ACS Applied Materials & Interfaces, 2022, 14, 27214-27221.	4.0	10
13	Insight into the Structural Variation and Sodium Storage Behavior of Polyoxometalates Encapsulated within Singleâ€Walled Carbon Nanotubes. Chemistry - A European Journal, 2022, 28, .	1.7	9
14	Confinement of PMo₁₂ in hollow SiO₂-PMo₁₂@rGO nanospheres for high-performance lithium storage. Inorganic Chemistry Frontiers, 2021, 8, 352-360.	3.0	18
15	Photocatalytic syngas synthesis from CO2 and H2O using ultrafine CeO2-decorated layered double hydroxide nanosheets under visible-light up to 600 nm. Frontiers of Chemical Science and Engineering, 2021, 15, 99-108.	2.3	22
16	Synchronous Electrocatalytic Design of Architectural and Electronic Structure Based on Bifunctional LDHâ€Co₃O₄/NF toward Water Splitting. Chemistry - A European Journal, 2021, 27, 3367-3373.	1.7	8
17	Defect engineering of NiCo-layered double hydroxide hollow nanocages for highly selective photoreduction of CO₂ to CH₄ with suppressing H₂ evolution. Inorganic Chemistry Frontiers, 2021, 8, 996-1004.	3.0	38
18	Atomically dispersed Rh-doped NiFe layered double hydroxides: precise location of Rh and promoting hydrazine electrooxidation properties. Nanoscale, 2021, 13, 1869-1874.	2.8	22

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19	Green light (550 nm) driven tunable syngas synthesis from CO₂ photoreduction using heterostructured layered double hydroxide/TiC photocatalysts. Catalysis Science and Technology, 2021, 11, 7091-7097.	2.1	7
20	Coreâ€“shell Assembly of Heteropolyacids and Polymer: Efficient Preparation of Cellulose Acetate Propionate and Its Processed Products. ACS Sustainable Chemistry and Engineering, 2021, 9, 5179-5186.	3.2	5
21	Ionic Liquids Achieve the Exfoliation of Ultrathin Two-Dimensional VOPO₄·2H₂O Crystalline Nanosheets: Implications on Energy Storage and Catalysis. ACS Applied Nano Materials, 2021, 4, 2503-2514.	2.4	5
22	Multicomponent Selfâ€Assembly of a Giant Heterometallic Polyoxotungstate Supercluster with Antitumor Activity. Angewandte Chemie - International Edition, 2021, 60, 11153-11157.	7.2	145
23	Polyoxometalates-based heterogeneous catalysts in acid catalysis. Science China Chemistry, 2021, 64, 1117-1130.	4.2	40
24	Topological Transformation of Mgâ€Containing Layered Double Hydroxide Nanosheets for Efficient Photodriven CH₄ Coupling. Chemistry - A European Journal, 2021, 27, 13211-13220.	1.7	14
25	Doubleâ€Shelled Hollow SiO₂@Nâ€C Nanofiber Boosts the Lithium Storage Performance of [PMo₁₂O₄₀]^{3â^’}. Chemistry - A European Journal, 2021, 27, 13367-13375.	1.7	5
26	Direct molecular confinement in layered double hydroxides: from fundamental to advanced photo-luminescent hybrid materials. Inorganic Chemistry Frontiers, 2021, 8, 1324-1333.	3.0	11
27	Oxygen Adsorption-Induced Morphological Evolution of HÃgg Iron Carbide at High Oxygen Chemical Potentials. Journal of Physical Chemistry C, 2021, 125, 3055-3065.	1.5	3
28	Controllable Modulation of Defects for Layered Double Hydroxide Nanosheets by Altering Intercalation Anions for Efficient Electrooxidation Catalysis. Chemistry - an Asian Journal, 2021, 16, 3993-3998.	1.7	1
29	Reaction-Controlled Phase-Transfer Process of Polyoxometalate-Based Catalyst for Cellulose Esterification: A Molecular Dynamics Study. Journal of Physical Chemistry C, 2021, 125, 25478-25487.	1.5	3
30	C2 weakens the turnover frequency during the melting of Fe_xC_y: insights from reactive MD simulations. New Journal of Chemistry, 2021, 46, 282-293.	1.4	1
31	Seeds embedded epitaxial growth strategy for PAN@LDH membrane with Mortise-Tenon structure as efficient adsorbent for particulate matter capture. Applied Catalysis B: Environmental, 2020, 263, 118312.	10.8	20
32	Heteropolyacids and sulfonic acid-bifunctionalized organosilica spheres for efficient manufacture of cellulose acetate propionate with high viscosity. Cellulose, 2020, 27, 2437-2453.	2.4	14
33	Engineering polyoxometalate-intercalated layered double hydroxides for catalytic applications. Dalton Transactions, 2020, 49, 3934-3941.	1.6	37
34	3D Carbon Foam Supported Edgeâ€Rich Nâ€Doped MoS₂ Nanoflakes for Enhanced Electrocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2020, 26, 4150-4156.	1.7	12
35	Step-by-Step Assembly of 2D Confined Chiral Space Endowing Achiral Clusters with Asymmetric Catalytic Activity for Epoxidation of Allylic Alcohols. ACS Applied Materials & Interfaces, 2020, 12, 36389-36397.	4.0	24
36	Visible-Light-Induced Hydrogenation of C•C Bonds by Hydrazine over Ultrathin Layered Double Hydroxide Nanosheets. Industrial & Engineering Chemistry Research, 2020, 59, 14315-14322.	1.8	13

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37	Photocatalytic selective oxidation of benzene to phenol in water over layered double hydroxide: A thermodynamic and kinetic perspective. Chemical Engineering Journal, 2020, 388, 124248.	6.6	79
38	Highly selective photo-hydroxylation of phenol using ultrathin NiFe-layered double hydroxide nanosheets under visible-light up to 550 nm. Green Chemistry, 2020, 22, 8604-8613.	4.6	24
39	Structural Phase Transitions of a Molecular Metal Oxide. Angewandte Chemie, 2020, 132, 22632-22636.	1.6	0
40	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
41	Structural Phase Transitions of a Molecular Metal Oxide. Angewandte Chemie - International Edition, 2020, 59, 22446-22450.	7.2	7
42	Recent Progress on Nanostructured Layered Double Hydroxides for Visibleâ€Lightâ€Induced Photoreduction of CO₂. Chemistry - an Asian Journal, 2020, 15, 3380-3389.	1.7	28
43	Tunable Syngas Synthesis from Photocatalytic CO2 Reduction Under Visible-Light Irradiation by Interfacial Engineering. Transactions of Tianjin University, 2020, 26, 352-361.	3.3	33
44	Comparative Study of the Biphasic Behavior of Cyanex301 and Its Two Analogs by Molecular Dynamics Simulations. Advanced Theory and Simulations, 2020, 3, 1900242.	1.3	1
45	600 nm-driven photoreduction of CO2 through the topological transformation of layered double hydroxides nanosheets. Applied Catalysis B: Environmental, 2020, 270, 118884.	10.8	46
46	600 nm Irradiation-Induced Efficient Photocatalytic CO₂ Reduction by Ultrathin Layered Double Hydroxide Nanosheets. Industrial & Engineering Chemistry Research, 2020, 59, 5848-5857.	1.8	47
47	Fabrication of redox-active polyoxometalate-based ionic crystals onto single-walled carbon nanotubes as high-performance anode materials for lithium-ion batteries. Inorganic Chemistry Frontiers, 2020, 7, 1420-1427.	3.0	18
48	Intercalation Effect in NiAl-layered Double Hydroxide Nanosheets for CO2 Reduction Under Visible Light. Chemical Research in Chinese Universities, 2020, 36, 127-133.	1.3	16
49	Engineering Active Ni Sites in Ternary Layered Double Hydroxide Nanosheets for a Highly Selective Photoreduction of CO₂ to CH₄ under Irradiation above 500 nm. Industrial & Engineering Chemistry Research, 2020, 59, 3008-3015.	1.8	52
50	Threeâ€Dimensional Carbon Framework Anchored Polyoxometalate as a Highâ€Performance Anode for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2020, 26, 5257-5263.	1.7	28
51	500 nm induced tunable syngas synthesis from CO₂photoreduction by controlling heterojunction concentration. Chemical Communications, 2020, 56, 5354-5357.	2.2	40
52	Modulation of Selfâ€Separating Molecular Catalysts for Highly Efficient Biomass Transformations. Chemistry - A European Journal, 2020, 26, 11900-11908.	1.7	9
53	First high-nuclearity mixed-valence polyoxometalate with hierarchical interconnected Zn2+ migration channels as an advanced cathode material in aqueous zinc-ion battery. Nano Energy, 2020, 74, 104851.	8.2	101
54	Mixed Oxidation States of Polyoxometalates: From Syntheses to Applications. , 2019, , 518-518.		0

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55	1-D Chain Tungstotellurate Hybrids Constructed from Organic-Ligand-Connecting Ironâ€“Lanthanide Heterometal Encapsulated Tetrameric Polyoxotungstate Units. Inorganic Chemistry, 2019, 58, 9706-9712.	1.9	17
56	Synergistic interaction of anions and cations in preparation of VPO catalysts promoted by polyoxometalate-ionic liquids. Applied Catalysis A: General, 2019, 582, 117106.	2.2	21
57	Paramagnetic CoS2@MoS2 core-shell composites coated by reduced graphene oxide as broadband and tunable high-performance microwave absorbers. Chemical Engineering Journal, 2019, 378, 122159.	6.6	168
58	2020 Roadmap on two-dimensional nanomaterials for environmental catalysis. Chinese Chemical Letters, 2019, 30, 2065-2088.	4.8	90
59	Devisable POM/Ni Foam Composite: Precisely Control Synthesis toward Enhanced Hydrogen Evolution Reaction at High pH. Chemistry - A European Journal, 2019, 25, 15548-15554.	1.7	17
60	Precise Control of the Oriented Layered Double Hydroxide Nanosheets Growth on Graphene Oxides Leading to Efficient Catalysts for Cascade Reactions. ChemCatChem, 2019, 11, 5466-5474.	1.8	12
61	Single Ru atoms with precise coordination on a monolayer layered double hydroxide for efficient electrooxidation catalysis. Chemical Science, 2019, 10, 378-384.	3.7	148
62	Tuning and mechanistic insights of metal chalcogenide molecular catalysts for the hydrogen-evolution reaction. Nature Communications, 2019, 10, 370.	5.8	99
63	Highly Selective Photoreduction of CO₂ with Suppressing H₂ Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600â€…nm. Angewandte Chemie, 2019, 131, 11986-11993.	1.6	47
64	Highly Selective Photoreduction of CO₂ with Suppressing H₂ Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600â€…nm. Angewandte Chemie - International Edition, 2019, 58, 11860-11867.	7.2	224
65	Developing two-dimensional solid superacids with enhanced mass transport, extremely high acid strength and superior catalytic performance. Chemical Science, 2019, 10, 5875-5883.	3.7	37
66	PVP-encapsulated CoFe2O4/rGO composites with controllable electromagnetic wave absorption performance. Chemical Engineering Journal, 2019, 373, 755-766.	6.6	173
67	Modular development of metal oxide/carbon composites for electrochemical energy conversion and storage. Journal of Materials Chemistry A, 2019, 7, 13096-13102.	5.2	22
68	Integrated Synthesis of Gold Nanoparticles Coated with Polyoxometalate Clusters. Inorganic Chemistry, 2019, 58, 4110-4116.	1.9	31
69	Selfâ€Organization of Ionic Liquidâ€Modified Organosilica Hollow Nanospheres and Heteropolyacids: Efficient Preparation of 5â€HMF Under Mild Conditions. ChemCatChem, 2019, 11, 2526-2536.	1.8	23
70	Modular Design of Nobleâ€Metalâ€Free Mixed Metal Oxide Electrocatalysts for Complete Water Splitting. Angewandte Chemie - International Edition, 2019, 58, 4644-4648.	7.2	182
71	Mesoporous Polymer Loading Heteropolyacid Catalysts: One-Step Strategy To Manufacture High Value-Added Cellulose Acetate Propionate. ACS Sustainable Chemistry and Engineering, 2019, 7, 4975-4982.	3.2	14
72	Recent progress on the frontiers of polyoxometalates structures and applications. Science China Chemistry, 2019, 62, 159-161.	4.2	15

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73	Three {Bi₂W₂₁} Tungstobismuthate Clusters Linked by Acetateâ€Stabilized Ln Bridges. European Journal of Inorganic Chemistry, 2019, 2019, 534-541.	1.0	1
74	Aggregation of Giant Ceriumâ€“Bismuth Tungstate Clusters into a 3D Porous Framework with High Proton Conductivity. Angewandte Chemie - International Edition, 2018, 57, 8416-8420.	7.2	221
75	Fabrication and Electrochemical Performance of Polyoxometalate-Based Three-Dimensional Metal Organic Frameworks Containing Carbene Nanocages. ACS Applied Materials & Interfaces, 2018, 10, 16660-16665.	4.0	45
76	Interface Engineering of High-Energy Faceted Co₃O₄/ZnO Heterostructured Catalysts Derived from Layered Double Hydroxide Nanosheets. Industrial & Engineering Chemistry Research, 2018, 57, 5259-5267.	1.8	42
77	Layered double hydroxide anchored ionic liquids as amphiphilic heterogeneous catalysts for the Knoevenagel condensation reaction. Dalton Transactions, 2018, 47, 3059-3067.	1.6	38
78	Modular Polyoxometalateâ€“Layered Double Hydroxides as Efficient Heterogeneous Sulfoxidation and Epoxidation Catalysts. ChemCatChem, 2018, 10, 188-197.	1.8	30
79	Digital Control of Multistep Hydrothermal Synthesis by Using 3D Printed Reactionware for the Synthesis of Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 16716-16720.	7.2	18
80	Synthesis, structural characterization and fluorescence enhancement of chromophore-modified polyoxometalates. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1260-1266.	0.2	0
81	Fine Tuning the Heterostructured Interfaces by Topological Transformation of Layered Double Hydroxide Nanosheets. Industrial & Engineering Chemistry Research, 2018, 57, 10411-10420.	1.8	51
82	Self-Assembly in Polyoxometalate and Metal Coordination-Based Systems: Synthetic Approaches and Developments. Inorganics, 2018, 6, 71.	1.2	11
83	Robust and Environmentally Benign Solid Acid Intercalation Catalysts for the Aminolysis of Epoxides. ChemCatChem, 2018, 10, 4699-4706.	1.8	8
84	Facile Preparation of Ultrathin Co₃O₄/Nanocarbon Composites with Greatly Improved Surface Activity as a Highly Efficient Oxygen Evolution Reaction Catalyst. Chemistry - A European Journal, 2017, 23, 4010-4016.	1.7	49
85	Polyoxometalate-based supramolecular hydrogels constructed through hostâ€“guest interactions. Inorganic Chemistry Frontiers, 2017, 4, 789-794.	3.0	15
86	Dawsonâ€Type Polyoxomolybdate Anions (P₂Mo₁₈O₆₂^{6â^’}) Captured by Ionic Liquid on Graphene Oxide as Highâ€Capacity Anode Material for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2017, 23, 8729-8735.	1.7	52
87	Engineering high-performance polyoxometalate/PANI/MWNTs nanocomposite anode materials for lithium ion batteries. Chemical Engineering Journal, 2017, 326, 273-280.	6.6	53
88	Robust Polyoxometalate/Nickel Foam Composite Electrodes for Sustained Electrochemical Oxygen Evolution at High pH. Angewandte Chemie - International Edition, 2017, 56, 4941-4944.	7.2	131
89	POMzites: A Family of Zeolitic Polyoxometalate Frameworks from a Minimal Building Block Library. Journal of the American Chemical Society, 2017, 139, 5930-5938.	6.6	72
90	Polyoxometalateâ€Based Bottomâ€Up Fabrication of Graphene Quantum Dot/Manganese Vanadate Composites as Lithium Ion Battery Anodes. Chemistry - A European Journal, 2017, 23, 16637-16643.	1.7	56

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91	Polyoxometalate-Based Photo-Sensitive Functional Hybrid Materials. Structure and Bonding, 2017, , 49-63.	1.0	0
92	Rational Design of a Polyoxometalate Intercalated Layered Double Hydroxide: Highly Efficient Catalytic Epoxidation of Allylic Alcohols under Mild and Solventâ€Free Conditions. Chemistry - A European Journal, 2017, 23, 1069-1077.	1.7	40
93	Polyoxometalate (POM)-Layered Double Hydroxides (LDH) Composite Materials: Design and Catalytic Applications. Catalysts, 2017, 7, 260.	1.6	78
94	Polyoxometalateâ€Intercalated Layered Double Hydroxides as Efficient and Recyclable Bifunctional Catalysts for Cascade Reactions. ChemCatChem, 2016, 8, 929-937.	1.8	43
95	3D printing of versatile reactionware for chemical synthesis. Nature Protocols, 2016, 11, 920-936.	5.5	178
96	Stabilization and electro-optical switching of liquid crystal blue phases using unpolymerized and polymerized polyoxometalate-based nanoparticles. Molecular Crystals and Liquid Crystals, 2016, 634, 12-23.	0.4	10
97	Exploring the solvent mediated assembly and redox activity of a POMâ€“organic hybrid [Na(SO3)2(PhPO3)4MoV4MoVI14O49]5â^'. New Journal of Chemistry, 2016, 40, 8488-8492.	1.4	3
98	Covalent Immobilization of Polyoxotungstate on Alumina and Its Catalytic Generation of Sulfoxides. Chemistry - A European Journal, 2016, 22, 11232-11238.	1.7	21
99	A multicomponent assembly approach for the design of deep desulfurization heterogeneous catalysts. Dalton Transactions, 2016, 45, 19511-19518.	1.6	21
100	Efficient concurrent removal of sulfur and nitrogen contents from complex oil mixtures by using polyoxometalate-based composite materials. Inorganic Chemistry Frontiers, 2016, 3, 1007-1013.	3.0	32
101	â€œWiringâ€•redox-active polyoxometalates to carbon nanotubes using a sonication-driven periodic functionalization strategy. Energy and Environmental Science, 2016, 9, 1095-1101.	15.6	128
102	Pyreneâ€Andersonâ€Modified CNTs as Anode Materials for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 18799-18804.	1.7	57
103	Facile Immobilization of a Lewis Acid Polyoxometalate onto Layered Double Hydroxides for Highly Efficient Nâ€Oxidation of Pyridineâ€Based Derivatives and Denitrogenation. ChemCatChem, 2015, 7, 3903-3910.	1.8	17
104	Classical Keggin Intercalated into Layered Double Hydroxides: Facile Preparation and Catalytic Efficiency in Knoevenagel Condensation Reactions. Chemistry - A European Journal, 2015, 21, 14862-14870.	1.7	58
105	Polyoxometalate-based organicâ€“inorganic hybrids for stabilization and optical switching of the liquid crystal blue phase. Journal of Materials Chemistry C, 2015, 3, 4179-4187.	2.7	30
106	Polyoxometalate-functionalized nanocarbon materials for energy conversion, energy storage and sensor systems. Energy and Environmental Science, 2015, 8, 776-789.	15.6	490
107	Organicâ€“inorganic hybrids formed by polyoxometalate-based surfactants with cationic polyelectrolytes and block copolymers. Journal of Materials Chemistry C, 2015, 3, 2450-2454.	2.7	20
108	Covalent Attachment of Andersonâ€Type Polyoxometalates to Singleâ€Walled Carbon Nanotubes Gives Enhanced Performance Electrodes for Lithium Ion Batteries. Chemistry - A European Journal, 2015, 21, 6469-6474.	1.7	75

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109	Reversible photodimerization of coumarin-modified Wellsâ€“Dawson anions. Journal of Materials Chemistry C, 2015, 3, 4388-4393.	2.7	20
110	Investigating the Formation of â€œMolybdenum Bluesâ€•with Gel Electrophoresis and Mass Spectrometry. Journal of the American Chemical Society, 2015, 137, 6524-6530.	6.6	60
111	Modular Polyoxometalateâ€Layered Double Hydroxide Composites as Efficient Oxidative Catalysts. Chemistry - A European Journal, 2015, 21, 10812-10820.	1.7	41
112	Polyoxometalates Hosted in Layered Double Hydroxides: Highly Enhanced Catalytic Activity and Selectivity in Sulfoxidation of Sulfides. Industrial & Engineering Chemistry Research, 2015, 54, 9133-9141.	1.8	29
113	Well-Dispersed H₃PW₁₂O₄₀/H₄SiW₁₂O₄₀ Nanoparticles on Mesoporous Polymer for Highly Efficient Acid-Catalyzed Reactions. Industrial & Engineering Chemistry Research, 2015, 54, 11534-11542.	1.8	23
114	Environmentally benign polyoxometalate materials. Coordination Chemistry Reviews, 2015, 286, 17-29.	9.5	209
115	Covalently grafting nonmesogenic moieties onto polyoxometalate for fabrication of thermotropic liquid-crystalline nanomaterials. Journal of Materials Chemistry C, 2015, 3, 15-18.	2.7	21
116	Electrical Network of Singleâ€Crystalline Metal Oxide Nanoclusters Wired by Ï€â€Molecules. Angewandte Chemie - International Edition, 2014, 53, 11228-11231.	7.2	35
117	Self-Organization of Anderson-Based Amphiphiles. European Journal of Inorganic Chemistry, 2014, 2014, 3401-3405.	1.0	6
118	Recent advances on polyoxometalates intercalated layered double hydroxides: From synthetic approaches to functional material applications. Coordination Chemistry Reviews, 2014, 258-259, 58-71.	9.5	230
119	Tri-lacunary polyoxometalates of Na8H[PW9O34] as heterogeneous Lewis base catalysts for Knoevenagel condensation, cyanosilylation and the synthesis of benzoxazole derivatives. Applied Catalysis A: General, 2014, 475, 140-146.	2.2	71
120	InnenrÃ¼cktitelbild: Electrical Network of Single-Crystalline Metal Oxide Nanoclusters Wired by Ï€-Molecules (Angew. Chem. 42/2014). Angewandte Chemie, 2014, 126, 11565-11565.	1.6	0
121	Immobilization of LaW₁₀ onto Ionicâ€Liquidâ€Modified Mesoporous Silica: Deep Desulfurization with Zeroâ€Order Reaction Kinetics. ChemPlusChem, 2014, 79, 304-309.	1.3	38
122	Step-by-step covalent modification of Cr-templated Anderson-type polyoxometalates. Dalton Transactions, 2014, 43, 8587-8590.	1.6	38
123	Connecting carbon nanotubes to polyoxometalate clusters for engineering high-performance anode materials. Physical Chemistry Chemical Physics, 2014, 16, 19668-19673.	1.3	59
124	Adsorption of Human Serum Albumin (HSA) by SWNTs/Py-PW₁₁ Nanocomposite. Industrial & Engineering Chemistry Research, 2014, 53, 11566-11570.	1.8	13
125	Superhydrophobic Polyoxometalate/Calixarene Inorganic-Organic Hybrid Materials with Highly Efficient Desulfurization Ability. European Journal of Inorganic Chemistry, 2014, 2014, 812-817.	1.0	18
126	The application of spontaneous flocculation for the preparation of lanthanide-containing polyoxometalates intercalated layered double hydroxides: highly efficient heterogeneous catalysts for cyanosilylation. Applied Catalysis A: General, 2014, 487, 172-180.	2.2	40

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127	Acetalization of aldehydes and ketones over H₄[SiW₁₂O₄₀] and H₄[SiW₁₂O₄₀]/SiO₂. Catalysis Science and Technology, 2014, 4, 2618-2625.	2.1	44
128	Directional Self-Assembly of Exfoliated Layered Europium Hydroxide Nanosheets and Na9EuW10O36Â·32H2O for Application in Desulfurization. European Journal of Inorganic Chemistry, 2014, 2014, 2779-2786.	1.0	33
129	Reversible Lightâ€Driven Polymerization of Polyoxometalate Tethered with Coumarin Molecules. Chemistry - A European Journal, 2014, 20, 1500-1504.	1.7	39
130	An efficient heterogeneous catalyst based on highly dispersed Na7H2LaW10O36Â·32H2O nanoparticles on mesoporous silica for deep desulfurization. Applied Catalysis A: General, 2013, 466, 307-314.	2.2	47
131	Covalently Tethered Polyoxometalateâ€“Pyrene Hybrids for Noncovalent Sidewall Functionalization of Singleâ€Walled Carbon Nanotubes as Highâ€Performance Anode Material. Advanced Functional Materials, 2013, 23, 6100-6105.	7.8	121
132	Electrospun Self-Supporting Nanocomposite Films of Na₉[EuW₁₀O₃₆]Â·32H₂O/PAN as pH-Modulated Luminescent Switch. Industrial & Engineering Chemistry Research, 2013, 52, 2598-2603.	1.8	39
133	Highly efficient and selective oxidation of various substrates under mild conditions using a lanthanum-containing polyoxometalate as catalyst. Applied Catalysis A: General, 2013, 453, 188-194.	2.2	25
134	0D to 1D Switching of Hybrid Polyoxometalate Assemblies at the Nanoscale by Using Molecular Control. ChemPlusChem, 2013, 78, 1226-1229.	1.3	9
135	Deep Desulfurization by Amphiphilic Lanthanideâ€Containing Polyoxometalates in Ionicâ€Liquid Emulsion Systems under Mild Conditions. Chemistry - A European Journal, 2013, 19, 709-715.	1.7	78
136	Highly Selective and Efficient Removal of Cr(VI) and Cu(II) by the Chromotropic Acid-Intercalated Znâ€“Al Layered Double Hydroxides. Industrial & Engineering Chemistry Research, 2013, 52, 4436-4442.	1.8	52
137	Highly Selective and Efficient Lewis Acidâ€“Base Catalysts Based on Lanthanideâ€Containing Polyoxometalates for Oximation of Aldehydes and Ketones. European Journal of Inorganic Chemistry, 2013, 2013, 1659-1663.	1.0	20
138	(Pyrenetetrasulfonate/ZnS)_n Ordered Ultrathin Films with ZnAl Layered Double Hydroxide as Precursor and Ethanolâ€Sensing Properties. European Journal of Inorganic Chemistry, 2013, 2013, 3348-3351.	1.0	3
139	Colorâ€Tunable Luminescent Films Based on the Hybrid Assemblies of [EuW₁₀O₃₆]^{9â€“}, Bis(Nâ€methylacridinium) Nitrate, and Layered Double Hydroxide. European Journal of Inorganic Chemistry, 2013, 2013, 1475-1480.	1.0	15
140	Recent advances on polyoxometalate-based molecular and composite materials. Chemical Society Reviews, 2012, 41, 7384.	18.7	783
141	Highly selective oximation of aldehydes by reusable heterogeneous sandwich-type polyoxometalate catalyst. Dalton Transactions, 2012, 41, 9855.	1.6	22
142	Highly Efficient Extraction and Oxidative Desulfurization System Using Na₇H₂LaW₁₀O₃₆â‹…32â€‰H₂O in [bmim]BF₄ at Room Temperature. Chemistry - A European Journal, 2012, 18, 4775-4781.	1.7	151
143	Tripodal bis(imidazole)-based ligands and their chelation to copper(ii). CrystEngComm, 2011, 13, 7299.	1.3	12
144	Programmable Surface Architectures Derived from Hybrid Polyoxometalate-Based Clusters. Journal of Physical Chemistry C, 2011, 115, 4446-4455.	1.5	33

#	Article	IF	Citations
145	Synergistic catalysis by polyoxometalate-intercalated layered double hydroxides: oximation of aromatic aldehydes with large enhancement of selectivity. Green Chemistry, 2011, 13, 384.	4.6	67
146	Nanoscale polyoxometalateâ€based inorganic/organic hybrids. Chemical Record, 2011, 11, 158-171.	2.9	109
147	Layerâ€byâ€Layer Assembly of Na₉[EuW₁₀O₃₆]â‹…32â€‰H₂O and Layered Double Hydroxides Leading to Ordered Ultraâ€Thin Films: Cooperative Effect and Orientation Effect. Chemistry - A European Journal, 2011, 17, 10365-10371.	1.7	40
148	Reverseâ€Vesicle Formation of Organicâ€“Inorganic Polyoxometalateâ€Containing Hybrid Surfactants with Tunable Sizes. Chemistry - A European Journal, 2010, 16, 11320-11324.	1.7	65
149	Assembly of Modular Asymmetric Organicâ^'Inorganic Polyoxometalate Hybrids into Anisotropic Nanostructures. Journal of the American Chemical Society, 2010, 132, 15490-15492.	6.6	101
150	Hybrid polyoxometalate clusters with appended aromatic platforms. CrystEngComm, 2010, 12, 109-115.	1.3	40
151	Spontaneous assembly and real-time growth of micrometre-scale tubular structures from polyoxometalate-based inorganic solids. Nature Chemistry, 2009, 1, 47-52.	6.6	145
152	Micropatterned Surfaces with Covalently Grafted Unsymmetrical Polyoxometalate-Hybrid Clusters Lead to Selective Cell Adhesion. Journal of the American Chemical Society, 2009, 131, 1340-1341.	6.6	153
153	Design of Hydrophobic Polyoxometalate Hybrid Assemblies Beyond Surfactant Encapsulation. Chemistry - A European Journal, 2008, 14, 2349-2354.	1.7	141
154	Capture of Periodate in a {W₁₈O₅₄} Cluster Cage Yielding a Catalytically Active Polyoxometalate [H₃W₁₈O₅₆(IO₆)]^{6â^'} Embedded with Highâ€Valent Iodine. Angewandte Chemie - International Edition, 2008, 47, 4384-4387.	7.2	107
155	Supramolecular Metal Oxides: Programmed Hierarchical Assembly of a Proteinâ€Sized 21â€…kDa [(C₁₆H₃₆N)₁₉{H₂NC(CH₂O)₃P₂V₃W₁₅O₅₉}₄]5â^' Polyoxometalate Assembly. Angewandte Chemie - International Edition, 2008, 47, 4388-4391.	7.2	194
156	Polyoxometalateâ€Mediated Selfâ€Assembly of Singleâ€Molecule Magnets: {[XW₉O₃₄]₂[Mn^{III}₄Mn^{II}₂(H₂O)₈]} (X=Si, Ge). Angewandte Chemie - International Edition, 2008, 47, 5609-5612.	7.2	254
157	Postsynthetic Covalent Modification of Metalâ€“Organic Framework (MOF) Materials. Angewandte Chemie - International Edition, 2008, 47, 4635-4637.	7.2	160
158	Inside Cover: Supramolecular Metal Oxides: Programmed Hierarchical Assembly of a Protein-Sized 21â€…kDa [(C16H36N)19{H2NC(CH2O)3P2V3W15O59}4]5â^' Polyoxometalate Assembly (Angew. Chem. Int. Ed. 32 ETQq0 0 0 rgBT /	7.2	0
159	Supramolecular self-assembly and anion-dependence of copper(II) complexes with cationic dihydro-imidazo phenanthridinium (DIP)-containing ligands. CrystEngComm, 2008, 10, 1243.	1.3	16
160	Unravelling the Complexities of Polyoxometalates in Solution Using Mass Spectrometry:Â Protonation versus Heteroatom Inclusion. Journal of the American Chemical Society, 2008, 130, 1830-1832.	6.6	120
161	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
162	Realization of a â€œLockableâ€•Molecular Switch via pH- and Redox-Modulated Cyclization. Journal of the American Chemical Society, 2008, 130, 13059-13065.	6.6	45

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163	Sorting the Assemblies of Unsymmetrically Covalently Functionalized Mn-Anderson Polyoxometalate Clusters with Mass Spectrometry. Inorganic Chemistry, 2008, 47, 9137-9139.	1.9	101
164	From polyoxometalate building blocks to polymers and materials: the silver connection. Journal of Materials Chemistry, 2007, 17, 1903.	6.7	84
165	Noncovalently Connected Frameworks with Nanoscale Channels Assembled from a Tethered Polyoxometalateâ€“Pyrene Hybrid. Angewandte Chemie - International Edition, 2007, 46, 3900-3904.	7.2	180
166	Discovery of an imidazo-phenanthridine synthon produced in a â€˜five-step one-pot reactionâ€™ leading to a new family of heterocycles with novel physical properties. Chemical Communications, 2006, , 1194.	2.2	30