

Li-Ting Yan

List of Publications by Year in descending order

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39
papers

2,784
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236925

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Frameworks Derived Nanotube of Nickel-Cobalt Bimetal Phosphides as Highly Efficient Electrocatalysts for Overall Water Splitting. <i>Advanced Functional Materials</i> , 2017, 27, 1703455.	14.9	597
2	A Freestanding 3D Heterostructure Film Stitched by MOF-Derived Carbon Nanotube Microsphere Superstructure and Reduced Graphene Oxide Sheets: A Superior Multifunctional Electrode for Overall Water Splitting and Zn-Air Batteries. <i>Advanced Materials</i> , 2020, 32, e2003313.	21.0	216
3	High oxygen reduction activity on a metal-organic framework derived carbon combined with high degree of graphitization and pyridinic-N dopants. <i>Journal of Materials Chemistry A</i> , 2017, 5, 789-795.	10.3	171
4	Nickel metal-organic framework implanted on graphene and incubated to be ultrasmall nickel phosphide nanocrystals acts as a highly efficient water splitting electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1682-1691.	10.3	168
5	Missing-node directed synthesis of hierarchical pores on a zirconium metal-organic framework with tunable porosity and enhanced surface acidity via a microdroplet flow reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22372-22379.	10.3	159
6	In Situ Synthesis Strategy for Hierarchically Porous Ni ₂ P Polyhedrons from MOFs Templates with Enhanced Electrochemical Properties for Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11642-11650.	8.0	158
7	Lattice Matching Growth of Conductive Hierarchical Porous MOF/LDH Heteronanotube Arrays for Highly Efficient Water Oxidation. <i>Advanced Materials</i> , 2021, 33, e2006351.	21.0	155
8	Adsorption Site Selective Occupation Strategy within a Metal-Organic Framework for Highly Efficient Sieving Acetylene from Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4570-4574.	13.8	117
9	Competitive Coordination-Oriented Monodispersed Ruthenium Sites in Conductive MOF/LDH Hetero-Nanotree Catalysts for Efficient Overall Water Splitting in Alkaline Media. <i>Advanced Materials</i> , 2022, 34, e2107488.	21.0	103
10	<i>In situ</i> semi-transformation from heterometallic MOFs to Fe-Ni LDH/MOF hierarchical architectures for boosted oxygen evolution reaction. <i>Nanoscale</i> , 2020, 12, 14514-14523.	5.6	94
11	Bottom-Up Fabrication of Ultrathin 2D Zr Metal-Organic Framework Nanosheets through a Facile Continuous Microdroplet Flow Reaction. <i>Chemistry of Materials</i> , 2018, 30, 3048-3059.	6.7	85
12	Highly dispersed Zn nanoparticles confined in a nanoporous carbon network: promising anode materials for sodium and potassium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17371-17377.	10.3	75
13	Electrochemical Surface Restructuring of Phosphorus-Doped Carbon@MoP Electrocatalysts for Hydrogen Evolution. <i>Nano-Micro Letters</i> , 2021, 13, 215.	27.0	63
14	Superstructure of a Metal-Organic Framework Derived from Microdroplet Flow Reaction: An Intermediate State of Crystallization by Particle Attachment. <i>ACS Nano</i> , 2019, 13, 2901-2912.	14.6	47
15	Graphitic carbon nitride catalyzes selective oxidative dehydrogenation of propane. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118277.	20.2	47
16	One-step and scalable synthesis of Ni ₂ P nanocrystals encapsulated in N,P-codoped hierarchically porous carbon matrix using a bipyridine and phosphonate linked nickel metal-organic framework as highly efficient electrocatalysts for overall water splitting. <i>Electrochimica Acta</i> , 2019, 297, 755-766.	5.2	44
17	Cotton fabrics-derived flexible nitrogen-doped activated carbon cloth for high-performance supercapacitors in organic electrolyte. <i>Electrochimica Acta</i> , 2020, 354, 136717.	5.2	44
18	Ultralong-lived room temperature phosphorescence from N and P codoped self-protective carbonized polymer dots for confidential information encryption and decryption. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4847-4853.	5.5	44

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19	Metal-Organic Frameworks Enabled High-Performance Separators for Safety-Reinforced Lithium Ion Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16612-16619.	6.7	43
20	Thermally Driven Amorphous-Crystalline Phase Transition of Carbonized Polymer Dots for Multicolor Room-Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2021, 9, 2100421.	7.3	38
21	Multimetal Incorporation into 2D Conductive Metal-Organic Framework Nanowires Enabling Excellent Electrocatalytic Oxidation of Benzylamine to Benzonitrile. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24786-24795.	8.0	36
22	Adsorption in Reversed Order of C_2 Hydrocarbons on an Ultramicroporous Fluorinated Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	34
23	Continuous synthesis for zirconium metal-organic frameworks with high quality and productivity via microdroplet flow reaction. <i>Chinese Chemical Letters</i> , 2018, 29, 849-853.	9.0	33
24	Adsorption Site Selective Occupation Strategy within a Metal-Organic Framework for Highly Efficient Sieving Acetylene from Carbon Dioxide. <i>Angewandte Chemie</i> , 2021, 133, 4620-4624.	2.0	33
25	Defect-engineered MOF-808 with highly exposed Zr sites as highly efficient catalysts for catalytic transfer hydrogenation of furfural. <i>Fuel</i> , 2022, 327, 125085.	6.4	26
26	Boosting ORR Catalytic Activity by Integrating Pyridine-Dopants, a High Degree of Graphitization, and Hierarchical Pores into a MOF-Derived N-Doped Carbon in a Tandem Synthesis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1318-1326.	3.3	24
27	Carbonates (bicarbonates)/reduced graphene oxide as anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24645-24650.	10.3	21
28	Controllably regulating ion transport in lithium metal batteries via pore effect of metal-organic framework-based separators. <i>Applied Surface Science</i> , 2022, 589, 152885.	6.1	20
29	Metal-organic framework derived porous flakes of cobalt chalcogenides (CoX, X=O, S, Se and Te) rooted in carbon fibers as flexible electrode materials for pseudocapacitive energy storage. <i>Electrochimica Acta</i> , 2021, 369, 137681.	5.2	16
30	Metal-organic Frameworks Derived Co ₂ -Co/N-doped Porous Carbon with Extremely High Electrocatalytic Stability for the Oxygen Reduction Reaction. <i>International Journal of Electrochemical Science</i> , 2016, 11, 9575-9584.	1.3	11
31	Impact of moderate ligand hydrolysis on morphology evolution and the morphology-dependent breathing effect performance of MIL-53(Al). <i>CrystEngComm</i> , 2018, 20, 2102-2111.	2.6	9
32	Nanoantenna Featuring Carbon Microtubes Derived from Bristle Fibers of Plane Trees for Supercapacitors in an Organic Electrolyte. <i>ACS Applied Energy Materials</i> , 2020, 3, 12627-12634.	5.1	9
33	Development of Carbon-Based Electrocatalysts for Ambient Nitrogen Reduction Reaction: Challenges and Perspectives. <i>ChemElectroChem</i> , 2022, 9, .	3.4	9
34	Electrochemical ammonia oxidation reaction on defect-rich TiO nanofibers: Experimental and theoretical studies. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39208-39215.	7.1	7
35	Metal-Organic Framework-Based Single-Atomic Catalysts for Energy Conversion and Storage: Principles, Advances, and Theoretical Understandings. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	7
36	Facile Fabrication of a Foamed Ag ₃ CuS ₂ Film as an Efficient Self-Supporting Electrocatalyst for Ammonia Electrolysis Producing Hydrogen. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9036-9045.	8.0	7

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37	Adsorption in Reversed Order of C ₂ Hydrocarbons on an Ultramicroporous Fluorinated Metal-Organic Framework. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	7
38	Thermally Driven Amorphous-Crystalline Phase Transition of Carbonized Polymer Dots for Multicolor Room-Temperature Phosphorescence (<i>Advanced Optical Materials</i> 16/2021). <i>Advanced Optical Materials</i> , 2021, 9, 2170060.	7.3	5
39	Heterostructure Films: A Freestanding 3D Heterostructure Film Stitched by MOF-Derived Carbon Nanotube Microsphere Superstructure and Reduced Graphene Oxide Sheets: A Superior Multifunctional Electrode for Overall Water Splitting and Zn-Air Batteries (<i>Adv. Mater.</i> 48/2020). <i>Advanced Materials</i> , 2020, 32, 2070362.	21.0	2