

# Ting-Ting Li

## List of Publications by Year in descending order

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66  
papers

2,935  
citations

136740

32  
h-index

174990

52  
g-index

66  
all docs

66  
docs citations

66  
times ranked

3472  
citing authors

#	ARTICLE	IF	CITATIONS
1	CeO <sub>2</sub> decorated bimetallic phosphide nanowire arrays for enhanced oxygen evolution reaction electrocatalysis via interface engineering. Dalton Transactions, 2022, 51, 2923-2931.	1.6	12
2	MOF-on-MOF Strategy to Construct a Nitrogen-Doped Carbon-Incorporated CoP@FeCoP Core-Shelled Heterostructure for High-Performance Overall Water Splitting. Inorganic Chemistry, 2022, 61, 1159-1168.	1.9	26
3	MOF-derived three-dimensional ordered porous carbon nanomaterial for efficient alkaline zinc-air batteries. Science China Materials, 2022, 65, 1453-1462.	3.5	24
4	Variable HOF-derived carbon-coated cobalt phosphide for electrocatalytic oxygen evolution. Carbon, 2022, 196, 457-465.	5.4	11
5	Porphyrin and phthalocyanine based covalent organic frameworks for electrocatalysis. Coordination Chemistry Reviews, 2022, 464, 214563.	9.5	72
6	Ultrasmall Mo <sub>2</sub> C in N-doped carbon material from bimetallic ZnMo-MOF for efficient hydrogen evolution. International Journal of Hydrogen Energy, 2021, 46, 2182-2190.	3.8	15
7	Construction of a polymeric cobalt phthalocyanine@mesoporous graphitic carbon nitride composite for efficient photocatalytic CO <sub>2</sub> reduction. Chemical Communications, 2021, 57, 6987-6990.	2.2	22
8	Silica-Templated Metal Organic Framework-Derived Hierarchically Porous Cobalt Oxide in Nitrogen-Doped Carbon Nanomaterials for Electrochemical Glucose Sensing. ChemElectroChem, 2021, 8, 812-818.	1.7	20
9	Abundant Co-N <sub>x</sub> sites onto hollow MOF-Derived nitrogen-doped carbon materials for enhanced oxygen reduction. Journal of Power Sources, 2021, 492, 229632.	4.0	34
10	Fe <sub>7</sub> C <sub>3</sub> nanoparticles with in situ grown CNT on nitrogen doped hollow carbon cube with greatly enhanced conductivity and ORR performance for alkaline fuel cell. Carbon, 2021, 174, 531-539.	5.4	100
11	CoMo carbide/nitride from bimetallic MOF precursors for enhanced OER performance. International Journal of Hydrogen Energy, 2021, 46, 22268-22276.	3.8	78
12	Electrochemical evolution of cobalt-carboxylate framework for efficient water oxidation. Journal of Power Sources, 2021, 499, 229947.	4.0	15
13	Self-supported N-Doped Carbon@Ni <sub>2</sub> Co <sub>2</sub> -XP core-shell nanorod arrays on 3D Ni foam for boosted hydrogen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 36046-36055.	3.8	16
14	Metal-Organic Frameworks-Derived Self-Supported Carbon-Based Composites for Electrocatalytic Water Splitting. Chemistry - A European Journal, 2021, 27, 15866-15888.	1.7	35
15	Influence of Surface and Structural Variations in Donor-Acceptor-Donor Sensitizers on Photoelectrocatalytic Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 47499-47510.	4.0	3
16	Rational construction of ultrafine noble metals onto carbon nanoribbons with efficient oxygen reduction in practical alkaline fuel cell. Chemical Engineering Journal, 2021, 424, 130336.	6.6	29
17	Carbon Nanotubes Grown on CuO Nanoparticle-Decorated Porous Carbon Microparticles for Water Oxidation. ACS Applied Nano Materials, 2021, 4, 12119-12126.	2.4	4
18	Differentiated Oxygen Evolution Behavior in MOF-Derived Oxide Nanomaterials Induced by Phase Transition. ACS Applied Materials & Interfaces, 2021, 13, 55454-55462.	4.0	16

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19	Frontispiece: Metal-Organic Frameworks-Derived Self-Supported Carbon-Based Composites for Electrocatalytic Water Splitting. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	0
20	Cube-shaped metal-nitrogen-carbon derived from metal-ammonia complex-impregnated metal-organic framework for highly efficient oxygen reduction reaction. <i>Carbon</i> , 2020, 158, 719-727.	5.4	27
21	Methylation-Induced Reversible Metallic-Semiconducting Transition of Single-Walled Carbon Nanotube Arrays for High-Performance Field-Effect Transistors. <i>Nano Letters</i> , 2020, 20, 496-501.	4.5	10
22	Surfactant-Mediated Morphological Evolution of MnCo Prussian Blue Structures. <i>Small</i> , 2020, 16, e2004614.	5.2	49
23	In Situ Growth of Tetrametallic FeCoMnNi-MOF-74 on Nickel Foam as Efficient Bifunctional Electrocatalysts for the Evolution Reaction of Oxygen and Hydrogen. <i>Inorganic Chemistry</i> , 2020, 59, 15467-15477.	1.9	41
24	Thermal conversion of hollow nickel-organic framework into bimetallic FeNi <sub>3</sub> alloy embedded in carbon materials as efficient oer electrocatalyst. <i>Electrochimica Acta</i> , 2020, 354, 136716.	2.6	31
25	Highly Selective and Active Electrochemical Reduction of CO <sub>2</sub> to CO on a Polymeric Co(II) Phthalocyanine@Graphitic Carbon Nitride Nanosheet-Carbon Nanotube Composite. <i>Inorganic Chemistry</i> , 2020, 59, 14184-14192.	1.9	29
26	Construction of a C@MoS <sub>2</sub> @C sandwiched heterostructure for accelerating the pH-universal hydrogen evolution reaction. <i>Chemical Communications</i> , 2020, 56, 13393-13396.	2.2	37
27	Abundant nanotube coated ordered macroporous carbon matrix with enhanced electrocatalytic activity. <i>Journal of Power Sources</i> , 2020, 467, 228302.	4.0	15
28	Normal-pulse-voltage-assisted <i>in situ</i> fabrication of graphene-wrapped MOF-derived CuO nanoflowers for water oxidation. <i>Chemical Communications</i> , 2020, 56, 8750-8753.	2.2	24
29	Bottom-up preparation of hierarchically porous MOF-modified carbon sphere derivatives for efficient oxygen reduction. <i>Nanoscale</i> , 2020, 12, 8785-8792.	2.8	30
30	Improved performance of photoelectrochemical water oxidation from nanostructured hematite photoanode with an immobilized molecular cobalt salophen catalyst. <i>Journal of Materials Science</i> , 2020, 55, 12864-12875.	1.7	4
31	Structural and Morphological Conversion between Two Co-Based MOFs for Enhanced Water Oxidation. <i>Inorganic Chemistry</i> , 2020, 59, 2701-2710.	1.9	33
32	Stringing Bimetallic Metal-Organic Framework-Derived Cobalt Phosphide Composite for High-Efficiency Overall Water Splitting. <i>Advanced Science</i> , 2020, 7, 1903195.	5.6	214
33	CuCo <sub>2</sub> S <sub>4</sub> integrated multiwalled carbon nanotube as high-performance electrocatalyst for electroreduction of nitrogen to ammonia. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14640-14647.	3.8	17
34	In-MOF-derived ultrathin heteroatom-doped carbon nanosheets for improving oxygen reduction. <i>Nanoscale</i> , 2020, 12, 10019-10025.	2.8	29
35	Construction of hierarchical Mo <sub>2</sub> C nanoparticles onto hollow N-doped carbon polyhedrons for efficient hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2019, 321, 134680.	2.6	33
36	Generally transform 3-dimensional In-based metal-organic frameworks into 2-dimensional Co,N-doped carbon nanosheets for Zn-air battery. <i>Journal of Power Sources</i> , 2019, 440, 227158.	4.0	33

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37	Paintbrush-like Co doped Cu <sub>3</sub> P grown on Cu foam as an efficient janus electrode for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 28833-28840.	3.8	29
38	Stable Molecular Photocathode for Solar-Driven CO <sub>2</sub> Reduction in Aqueous Solutions. <i>ACS Energy Letters</i> , 2019, 4, 629-636.	8.8	54
39	A Silicon-Based Heterojunction Integrated with a Molecular Excited State in a Water-Splitting Tandem Cell. <i>Journal of the American Chemical Society</i> , 2019, 141, 10390-10398.	6.6	34
40	Self-supported bimetallic phosphide-carbon nanostructures derived from metal-organic frameworks as bifunctional catalysts for highly efficient water splitting. <i>Electrochimica Acta</i> , 2019, 318, 244-251.	2.6	37
41	Chemical and morphological transformation of MOF-derived bimetallic phosphide for efficient oxygen evolution. <i>Nano Energy</i> , 2019, 62, 745-753.	8.2	189
42	Electrocatalytic CO <sub>2</sub> Reduction with a Ruthenium Catalyst in Solution and on Nanocrystalline TiO <sub>2</sub> . <i>ChemSusChem</i> , 2019, 12, 2402-2408.	3.6	37
43	Binary molecular-semiconductor p-n junctions for photoelectrocatalytic CO <sub>2</sub> reduction. <i>Nature Energy</i> , 2019, 4, 290-299.	19.8	149
44	Electrodeposition of a cobalt phosphide film for the enhanced photoelectrochemical water oxidation with Ir-Fe <sub>2</sub> O <sub>3</sub> photoanode. <i>Electrochimica Acta</i> , 2019, 307, 92-99.	2.6	24
45	Bottom-up synthesis of MOF-derived hollow N-doped carbon materials for enhanced ORR performance. <i>Carbon</i> , 2019, 146, 248-256.	5.4	177
46	Hierarchical Cu <sub>2</sub> S NRs@CoS core-shell structure and its derivative towards synergistic electrocatalytic water splitting. <i>Electrochimica Acta</i> , 2019, 296, 1035-1041.	2.6	53
47	Covalent bonding photosensitizer-catalyst dyads of ruthenium-based complexes designed for enhanced visible-light-driven water oxidation performance. <i>Transition Metal Chemistry</i> , 2019, 44, 349-354.	0.7	4
48	Mn <sub>2</sub> O <sub>3</sub> Hollow Nanotube Arrays on Ni Foam as Efficient Supercapacitors and Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Applied Nano Materials</i> , 2019, 2, 744-749.	2.4	43
49	Charge Transfer from Upconverting Nanocrystals to Semiconducting Electrodes: Optimizing Thermodynamic Outputs by Electronic Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 463-471.	6.6	19
50	Ultrathin nanosheets-assembled CuO flowers for highly efficient electrocatalytic water oxidation. <i>Journal of Materials Science</i> , 2018, 53, 8141-8150.	1.7	40
51	Robust Cage-Based Zinc-Organic Frameworks Derived Dual-Doped Carbon Materials for Supercapacitor. <i>Crystal Growth and Design</i> , 2018, 18, 2358-2364.	1.4	38
52	CuO Nanorod Arrays Shelled with Amorphous NiFe Layered Double Hydroxide Film for Enhanced Electrocatalytic Water Oxidation Activity. <i>ACS Applied Energy Materials</i> , 2018, 1, 1364-1373.	2.5	58
53	Co <sub>3</sub> O <sub>4</sub> nanosheet arrays treated by defect engineering for enhanced electrocatalytic water oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2009-2017.	3.8	47
54	Co <sub>3</sub> O <sub>4</sub> polyhedrons with enhanced electric conductivity as efficient water oxidation electrocatalysts in alkaline medium. <i>Journal of Materials Science</i> , 2018, 53, 4323-4333.	1.7	42

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55	Self-supported hierarchical CuO <sub>x</sub> @Co <sub>3</sub> O <sub>4</sub> heterostructures as efficient bifunctional electrocatalysts for water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14431-14439.	5.2	121
56	Construction of Hierarchically Structured CuO@CoP Anode for Efficient Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11303-11312.	3.2	42
57	MOF-templated syntheses of porous Co <sub>3</sub> O <sub>4</sub> hollow spheres and micro-flowers for enhanced performance in supercapacitors. <i>CrystEngComm</i> , 2018, 20, 3812-3816.	1.3	38
58	Manganese oxide with hollow rambutan-like morphology as highly efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2999-3007.	1.2	12
59	A pyrene-modified cobalt salophen complex immobilized on multiwalled carbon nanotubes acting as a precursor for efficient electrocatalytic water oxidation. <i>Dalton Transactions</i> , 2017, 46, 13020-13026.	1.6	30
60	A bimetallic carbide derived from a MOF precursor for increasing electrocatalytic oxygen evolution activity. <i>Chemical Communications</i> , 2017, 53, 13027-13030.	2.2	57
61	Electrocatalytic water oxidation using a chair-like tetranuclear copper(ii) complex in a neutral aqueous solution. <i>Dalton Transactions</i> , 2016, 45, 12685-12690.	1.6	53
62	Porous Co <sub>3</sub> O <sub>4</sub> nanoparticles derived from a Co( <i>scpp</i> ) <sub>2</sub> -cyclohexanehexacarboxylate metal-organic framework and used in a supercapacitor with good cycling stability. <i>RSC Advances</i> , 2016, 6, 86447-86454.	1.7	28
63	Facile synthesis of porous CuO polyhedron from Cu-based metal organic framework (MOF-199) for electrocatalytic water oxidation. <i>RSC Advances</i> , 2016, 6, 77358-77365.	1.7	51
64	Electrochemical Water Oxidation by <i>In Situ</i> -Generated Copper Oxide Film from [Cu(TEOA)(H <sub>2</sub> O) <sub>2</sub> ][SO <sub>4</sub> ] Complex. <i>Inorganic Chemistry</i> , 2015, 54, 3061-3067.	1.9	81
65	Incorporation of a [Ru(dcbpy)(bpy) <sub>2</sub> ] <sup>2+</sup> photosensitizer and a Pt(dcbpy)Cl <sub>2</sub> catalyst into metal-organic frameworks for photocatalytic hydrogen evolution from aqueous solution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10386-10394.	5.2	131
66	Photochemical, Electrochemical, and Photoelectrochemical Water Oxidation Catalyzed by Water-Soluble Mononuclear Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 13957-13964.	1.7	29