

# Linqin Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,095  
citations

516681

16  
h-index

610883

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Identification of Pseudo Seven-Coordinate Ru(III) Intermediate Completing the Catalytic Cycle of Ru-bda Type of Water Oxidation Catalysts. <i>CCS Chemistry</i> , 2022, 4, 2481-2490.	7.8	16
2	Highly stable perovskite solar cells with a novel Ni-based metal organic complex as dopant-free hole-transporting material. <i>Journal of Energy Chemistry</i> , 2022, 65, 312-318.	12.9	11
3	Polymeric Viologen-Based Electron Transfer Mediator for Improving the Photoelectrochemical Water Splitting on Sb <sub>2</sub> Se <sub>3</sub> Photocathode. <i>Fundamental Research</i> , 2022, , .	3.3	0
4	Rational design of phenothiazine-based hole transport material with fluorene-containing asymmetric peripheral donor group for perovskite solar cells. <i>Dyes and Pigments</i> , 2022, 202, 110279.	3.7	9
5	Intramolecular hydroxyl nucleophilic attack pathway by a polymeric water oxidation catalyst with single cobalt sites. <i>Nature Catalysis</i> , 2022, 5, 414-429.	34.4	85
6	A crosslinked polymer as dopant-free hole-transport material for efficient n-i-p type perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2021, 55, 211-218.	12.9	29
7	Switching O-O bond formation mechanism between WNA and I2M pathways by modifying the Ru-bda backbone ligands of water-oxidation catalysts. <i>Journal of Energy Chemistry</i> , 2021, 54, 815-821.	12.9	16
8	Amino-capped zinc oxide modified tin oxide electron transport layer for efficient perovskite solar cells. <i>Cell Reports Physical Science</i> , 2021, 2, 100590.	5.6	15
9	Interfacial Defect Passivation and Charge Carrier Management for Efficient Perovskite Solar Cells via a Highly Crystalline Small Molecule. <i>ACS Energy Letters</i> , 2021, 6, 4209-4219.	17.4	63
10	Magnetizing lead-free halide double perovskites. <i>Science Advances</i> , 2020, 6, .	10.3	56
11	Lead-Free Halide Double Perovskite Cs <sub>2</sub> AgBiBr <sub>6</sub> with Decreased Band Gap. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15191-15194.	13.8	80
12	Lead-Free Halide Double Perovskite Cs <sub>2</sub> AgBiBr <sub>6</sub> with Decreased Band Gap. <i>Angewandte Chemie</i> , 2020, 132, 15303-15306.	2.0	34
13	Organic Salts as p-Type Dopants for Efficient LiTFSI-Free Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 33751-33758.	8.0	24
14	Single crystal structure and opto-electronic properties of oxidized Spiro-OMeTAD. <i>Chemical Communications</i> , 2020, 56, 1589-1592.	4.1	24
15	Impact of Linking Topology on the Properties of Carbazole-Based Hole-Transport Materials and their Application in Solid-State Mesoscopic Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900196.	5.8	17
16	The Central Role of Ligand Conjugation for Properties of Coordination Complexes as Hole-Transport Materials in Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 6768-6779.	5.1	11
17	Energy-Loss Reduction as a Strategy to Improve the Efficiency of Dye-Sensitized Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900253.	5.8	14
18	Molecular Engineering of D <sup>+</sup> -Type of Blue-Colored Dyes for Highly Efficient Solid-State Dye-Sensitized Solar Cells through Co-Sensitization. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35946-35952.	8.0	8

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19	The Importance of Pendant Groups on Triphenylamine-Based Hole Transport Materials for Obtaining Perovskite Solar Cells with over 20% Efficiency. <i>Advanced Energy Materials</i> , 2018, 8, 1701209.	19.5	134
20	A facile route to grain morphology controllable perovskite thin films towards highly efficient perovskite solar cells. <i>Nano Energy</i> , 2018, 53, 405-414.	16.0	60
21	Design and synthesis of dopant-free organic hole-transport materials for perovskite solar cells. <i>Chemical Communications</i> , 2018, 54, 9571-9574.	4.1	49
22	Incorporation of Counter Ions in Organic Molecules: New Strategy in Developing Dopant-Free Hole Transport Materials for Efficient Mixed-Ion Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1602736.	19.5	72
23	Tailor-Making Low-Cost Spiro[fluorene-9,9'-xanthene]-Based 3D Oligomers for Perovskite Solar Cells. <i>ChemM</i> , 2017, 2, 676-687.	11.7	222
24	A Perylenediimide Tetramer-Based 3D Electron Transport Material for Efficient Planar Perovskite Solar Cell. <i>Solar Rrl</i> , 2017, 1, 1700046.	5.8	28
25	Electrocatalytic Water Oxidation Promoted by $^{3D}$ Nanoarchitected Turbostratic $\gamma\text{-MnO}_x$ on Carbon Nanotubes. <i>ChemSusChem</i> , 2017, 10, 4472-4478.	6.8	18