

# Lvlv Ji

## List of Publications by Year in descending order

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39  
papers

1,743  
citations

304743

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315739

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all docs

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docs citations

39  
times ranked

2432  
citing authors

#	ARTICLE	IF	CITATIONS
1	CoP Nanoframes as Bifunctional Electrocatalysts for Efficient Overall Water Splitting. ACS Catalysis, 2020, 10, 412-419.	11.2	361
2	Hierarchically Structured 3D Integrated Electrodes by Galvanic Replacement Reaction for Highly Efficient Water Splitting. Advanced Energy Materials, 2017, 7, 1700107.	19.5	116
3	N,P-Doped Molybdenum Carbide Nanofibers for Efficient Hydrogen Production. ACS Applied Materials & Interfaces, 2018, 10, 14632-14640.	8.0	105
4	In Situ Rapid Formation of a Nickel-iron-Based Electrocatalyst for Water Oxidation. ACS Catalysis, 2016, 6, 6987-6992.	11.2	103
5	Construction of S-scheme 0D/2D heterostructures for enhanced visible-light-driven CO <sub>2</sub> reduction. Applied Catalysis B: Environmental, 2021, 298, 120521.	20.2	86
6	Polytriphenylamine derivative with high free radical density as the novel organic cathode for lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 20083-20088.	10.3	71
7	Nickel-Based (Photo)Electrocatalysts for Hydrogen Production. Advanced Materials, 2018, 30, e1705653.	21.0	66
8	In situ O <sub>2</sub> -emission assisted synthesis of molybdenum carbide nanomaterials as an efficient electrocatalyst for hydrogen production in both acidic and alkaline media. Journal of Materials Chemistry A, 2017, 5, 5178-5186.	10.3	62
9	Decoupling half-reactions of electrolytic water splitting by integrating a polyaniline electrode. Journal of Materials Chemistry A, 2019, 7, 13149-13153.	10.3	53
10	Heterointerface Engineering of Ni <sub>2</sub> P@Co <sub>2</sub> P Nanoframes for Efficient Water Splitting. Chemistry of Materials, 2021, 33, 9165-9173.	6.7	53
11	Ni nanotube array-based electrodes by electrochemical alloying and de-alloying for efficient water splitting. Nanoscale, 2018, 10, 9276-9285.	5.6	48
12	Highly Dispersed Mo <sub>2</sub> C Nanoparticles Embedded in Ordered Mesoporous Carbon for Efficient Hydrogen Evolution. ACS Applied Energy Materials, 2018, 1, 736-743.	5.1	44
13	Multiscale porous molybdenum phosphide of honeycomb structure for highly efficient hydrogen evolution. Nanoscale, 2018, 10, 14594-14599.	5.6	42
14	High-capacity Bi <sub>2</sub> O <sub>3</sub> anode for 2.4V neutral aqueous sodium-ion battery-supercapacitor hybrid device through phase conversion mechanism. Journal of Energy Chemistry, 2022, 65, 605-615.	12.9	42
15	A Highly Active and Robust Copper-Based Electrocatalyst toward Hydrogen Evolution Reaction with Low Overpotential in Neutral Solution. ACS Applied Materials & Interfaces, 2016, 8, 30205-30211.	8.0	36
16	Temperature-controlled fabrication of Co-Fe-based nanoframes for efficient oxygen evolution. Science China Materials, 2022, 65, 431-441.	6.3	35
17	Hierarchically Structured Ni Nanotube Array-Based Integrated Electrodes for Water Splitting. ACS Sustainable Chemistry and Engineering, 2018, 6, 2069-2077.	6.7	34
18	Self-supported CuS nanowire array: an efficient hydrogen-evolving electrode in neutral media. Electrochimica Acta, 2017, 252, 516-522.	5.2	33

#	ARTICLE	IF	CITATIONS
19	Preparation of nanostructured Cu(OH) <sub>2</sub> and CuO electrocatalysts for water oxidation by electrophoresis deposition. <i>Journal of Materials Research</i> , 2018, 33, 581-589.	2.6	33
20	In Situ Preparation of Pt Nanoparticles Supported on N-Doped Carbon as Highly Efficient Electrocatalysts for Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8923-8930.	3.1	32
21	Three-dimensional porous ultrathin carbon networks reinforced PBAs-derived electrocatalysts for efficient oxygen evolution. <i>Chemical Engineering Journal</i> , 2021, 419, 129575.	12.7	27
22	A fast electrochromic polymer based on TEMPO substituted polytriphenylamine. <i>Scientific Reports</i> , 2016, 6, 30068.	3.3	22
23	Self-Growing NiFe-Based Hybrid Nanosheet Arrays on Ni Nanowires for Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2019, 2, 5465-5471.	5.1	22
24	Fabrication of Three-Dimensional Multiscale Porous Alloy Foams at a Planar Substrate for Efficient Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5412-5419.	6.7	22
25	Designing Re-Entrant Geometry: Construction of a Superamphiphobic Surface with Large-Sized Particles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 49155-49164.	8.0	21
26	A novel ferrocene-containing aniline copolymer: its synthesis and electrochemical performance. <i>RSC Advances</i> , 2015, 5, 14053-14060.	3.6	20
27	In/ZnO@C hollow nanocubes for efficient electrochemical reduction of CO <sub>2</sub> to formate and rechargeable Zn-CO <sub>2</sub> batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6618-6627.	5.9	19
28	Walnut-like Transition Metal Carbides with Three-Dimensional Networks by a Versatile Electropolymerization-Assisted Method for Efficient Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 36824-36833.	8.0	18
29	Temperature-controlled synthesis of heterostructured Ru-Ru <sub>2</sub> P nanoparticles embedded in carbon nanofibers for highly efficient hydrogen production. <i>Science China Materials</i> , 2022, 65, 2675-2684.	6.3	16
30	A polytriphenylamine derivative exhibiting a four-electron redox center as a high free radical density organic cathode. <i>RSC Advances</i> , 2016, 6, 22989-22995.	3.6	15
31	Formation of cobalt phosphide nanodisks as a bifunctional electrocatalyst for enhanced water splitting. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1616-1620.	4.9	14
32	Multifunctional Textiles Based on Three-Dimensional Hierarchically Structured TiO <sub>2</sub> Nanowires. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27557-27566.	8.0	14
33	Superaerophobic copper-based nanowires array for efficient nitrogen reduction. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1489-1496.	9.4	14
34	A novel nitroxide radical polymer-containing conductive polyaniline as molecular skeleton: its synthesis and electrochemical properties as organic cathode. <i>Ionics</i> , 2016, 22, 1377-1385.	2.4	11
35	ZIF-67 grown on a fibrous substrate via a sacrificial template method for efficient PM2.5 capture and enhanced antibacterial performance. <i>Separation and Purification Technology</i> , 2022, 280, 119814.	7.9	11
36	Ultrafine Mo <sub>2</sub> C nanoparticle decorated N-doped carbon nanofibers for efficient hydrogen production. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4800-4806.	4.9	8

#	ARTICLE	IF	CITATIONS
37	Fabrication of complex, 3D, branched hollow carbonaceous structures and their applications for supercapacitors. <i>Science Bulletin</i> , 2021, , .	9.0	8
38	Differentiation of biothiols from other sulfur-containing biomolecules using iodide-capped gold nanoparticles. <i>RSC Advances</i> , 2016, 6, 25101-25109.	3.6	6
39	Crystal structure of dibromidotetrakis(propan-2-ol- $\hat{p}$ O)nickel(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m263-m264.	0.5	0