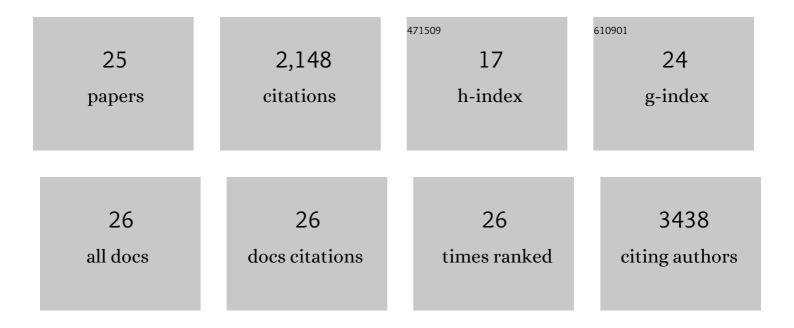
Hui Liu

List of Publications by Year in descending order

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Huilin

#	Article	IF	CITATIONS
1	Engineering oxygen vacancy on NiO nanorod arrays for alkaline hydrogen evolution. Nano Energy, 2018, 43, 103-109.	16.0	515
2	Rutheniumâ€Based Singleâ€Atom Alloy with High Electrocatalytic Activity for Hydrogen Evolution. Advanced Energy Materials, 2019, 9, 1803913.	19.5	270
3	Engineering NiO/NiFe LDH Intersection to Bypass Scaling Relationship for Oxygen Evolution Reaction via Dynamic Tridimensional Adsorption of Intermediates. Advanced Materials, 2019, 31, e1804769.	21.0	264
4	A silver catalyst activated by stacking faults for the hydrogen evolution reaction. Nature Catalysis, 2019, 2, 1107-1114.	34.4	245
5	lr–O–V Catalytic Group in Ir-Doped NiV(OH) ₂ for Overall Water Splitting. ACS Energy Letters, 2019, 4, 1823-1829.	17.4	147
6	Laser-Prepared CuZn Alloy Catalyst for Selective Electrochemical Reduction of CO ₂ to Ethylene. Langmuir, 2018, 34, 13544-13549.	3.5	114
7	A top–down strategy towards monodisperse colloidal lead sulphide quantum dots. Nature Communications, 2013, 4, 1695.	12.8	106
8	Strongly Coupled CoO Nanoclusters/CoFe LDHs Hybrid as a Synergistic Catalyst for Electrochemical Water Oxidation. Small, 2018, 14, e1800195.	10.0	91
9	Iridium Oxide Modified with Silver Single Atom for Boosting Oxygen Evolution Reaction in Acidic Media. ACS Energy Letters, 0, , 1588-1595.	17.4	69
10	Porous Cobalt–Nickel Hydroxide Nanosheets with Active Cobalt Ions for Overall Water Splitting. Small, 2019, 15, e1804832.	10.0	46
11	Laser-induced oxygen vacancies in FeCo ₂ O ₄ nanoparticles for boosting oxygen evolution and reduction. Chemical Communications, 2019, 55, 8579-8582.	4.1	41
12	Lattice-strained palladium nanoparticles as active catalysts for the oxygen reduction reaction. Chemical Communications, 2019, 55, 3121-3123.	4.1	38
13	Improving Interfacial Electron Transfer via Tuning Work Function of Electrodes for Electrocatalysis: From Theory to Experiment. Journal of Physical Chemistry C, 2019, 123, 28319-28326.	3.1	30
14	Photochemical Synthesis of Ultrafine Cubic Boron Nitride Nanoparticles under Ambient Conditions. Angewandte Chemie - International Edition, 2015, 54, 7051-7054.	13.8	29
15	Facile synthesis of BCNO quantum dots with applications for ion detection, chemosensor and fingerprint identification. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 214-221.	3.9	29
16	Conductive Boron Nitride as Promising Catalyst Support for the Oxygen Evolution Reaction. Advanced Energy Materials, 2020, 10, 1902521.	19.5	28
17	Laser Synthesis of Iridium Nanospheres for Overall Water Splitting. Materials, 2019, 12, 3028.	2.9	19
18	Laserâ€Ablationâ€Produced Cobalt Nickel Phosphate with Highâ€Valence Nickel Ions as an Active Catalyst for the Oxygen Evolution Reaction. Chemistry - A European Journal, 2020, 26, 2793-2797.	3.3	18

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#	Article	IF	CITATIONS
19	Ultrathin cadmium sulfide nanosheets for visible-light photocatalytic hydrogen production. Journal of Materials Chemistry A, 2020, 8, 3586-3589.	10.3	13
20	Bond-Energy-Integrated Coordination Number: An Accurate Descriptor for Transition-Metal Catalysts. Journal of Physical Chemistry C, 2019, 123, 28248-28254.	3.1	11
21	Highly Conjugated Graphitic Carbon Nitride Nanofoam for Photocatalytic Hydrogen Evolution. Langmuir, 2022, 38, 1471-1478.	3.5	7
22	Metal-Confined Synthesis of ZnS ₂ Monolayer Catalysts for Dinitrogen Electroreduction. ACS Catalysis, 2022, 12, 6809-6815.	11.2	6
23	Exposing Cu(100) Surface via Ion-Implantation-Induced Oxidization and Etching for Promoting Hydrogen Evolution Reaction. Langmuir, 2022, 38, 2993-2999.	3.5	5
24	A silver catalyst with a high-energy surface prepared by plasma spraying for the hydrogen evolution reaction. Chemical Communications, 2022, 58, 2878-2881.	4.1	4
25	Regulating the work function of silver catalysts <i>via</i> surface engineering for enhanced	2.8	3