

# Yihui Wu

## List of Publications by Year in descending order

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14  
papers

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citations

623734

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1058476

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docs citations

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502  
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#	ARTICLE	IF	CITATIONS
1	Potentiostatic electrodeposition of cost-effective and efficient Ni-Fe electrocatalysts on Ni foam for the alkaline hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1425-1434.	7.1	52
2	Potentiostatic electrodeposition of self-supported Ni S electrocatalyst supported on Ni foam for efficient hydrogen evolution. <i>Materials and Design</i> , 2021, 198, 109316.	7.0	42
3	Potentiostatic electrodeposited of Ni-Fe-Sn on Ni foam served as an excellent electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26930-26939.	7.1	29
4	High current density electrodeposition of NiFe/Nickel Foam as a bifunctional electrocatalyst for overall water splitting in alkaline electrolyte. <i>Journal of Materials Science</i> , 2020, 55, 15140-15151.	3.7	29
5	Potentiostatic electrodeposition of Ni-Se-Cu on nickel foam as an electrocatalyst for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 555-564.	9.4	50
6	One-step potentiostatic electrodeposition of Ni-Se-Mo film on Ni foam for alkaline hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6015-6023.	7.1	34
7	Engineering RuO <sub>2</sub> on CuCo <sub>2</sub> O <sub>4</sub> /CuO nanoneedles as multifunctional electrodes for the hybrid supercapacitors and water oxidation catalysis. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154962.	5.5	30
8	Electrodeposition of self-supported Ni-Fe-Sn film on Ni foam: An efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2019, 301, 39-46.	5.2	56
9	Novel electrocatalyst of nickel sulfide boron coating for hydrogen evolution reaction in alkaline solution. <i>Applied Surface Science</i> , 2019, 480, 689-696.	6.1	27
10	Electrodeposited nickel-iron-carbon-molybdenum film as efficient bifunctional electrocatalyst for overall water splitting in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 1336-1344.	7.1	25
11	Direct-current electrodeposition of Ni-S-Fe alloy for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 1989-1997.	7.1	45
12	One-step synthesis of amorphous Ni-Fe-P alloy as bifunctional electrocatalyst for overall water splitting in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12929-12938.	7.1	97
13	A novel Ni-S-W-C electrode for hydrogen evolution reaction in alkaline electrolyte. <i>Materials Letters</i> , 2017, 209, 532-534.	2.6	20
14	Oxidation behavior of (Mo,W)Si <sub>2</sub> -Si <sub>3</sub> N <sub>4</sub> composite coating on molybdenum substrate at 1600 °C. <i>Ceramics International</i> , 2015, 41, 14890-14895.	4.8	25