

# Xiujuan Wu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Cobalt@Cucurbit[5]uril Complex as a Highly Efficient Supramolecular Catalyst for Electrochemical and Photoelectrochemical Water Splitting. <i>Angewandte Chemie</i> , 2021, 133, 2004-2013.	1.6	18
2	A Cobalt@Cucurbit[5]uril Complex as a Highly Efficient Supramolecular Catalyst for Electrochemical and Photoelectrochemical Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1976-1985.	7.2	55
3	Ni III-rich NiFeBa as an Efficient Catalyst for Water Oxidation. <i>ChemSusChem</i> , 2021, 14, 2516-2520.	3.6	2
4	Metalloid Te-doped Fe-based Catalysts Applied for Electrochemical Water Oxidation. <i>ChemistrySelect</i> , 2021, 6, 6154-6158.	0.7	7
5	Molecular Engineering of Photocathodes based on Polythiophene Organic Semiconductors for Photoelectrochemical Hydrogen Generation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40602-40611.	4.0	8
6	Selective Electro-oxidation of Alcohols to the Corresponding Aldehydes in Aqueous Solution via Cu(III) Intermediates from CuO Nanorods. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11855-11861.	3.2	19
7	Exploration of electrocatalytic water oxidation properties of NiFe catalysts doped with nonmetallic elements (P, S, Se). <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3892-3902.	3.8	10
8	Boosting Electrocatalytic Water Oxidation by Creating Defects and Lattice-Oxygen Active Sites on Ni-Fe Nanosheets. <i>ChemSusChem</i> , 2020, 13, 5067-5072.	3.6	12
9	Urchin-like Cobalt-Copper (Hydr)oxides as an Efficient Water Oxidation Electrocatalyst. <i>ChemPlusChem</i> , 2020, 85, 1339-1346.	1.3	7
10	Copper Selenide-derived Copper Oxide Nanoplates as a Durable and Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Energy Technology</i> , 2020, 8, 2000142.	1.8	14
11	NiCo/Ni/CuO nanosheets/nanowires on copper foam as an efficient and durable electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 21354-21363.	3.8	13
12	Electroless Plating of NiFeP Alloy on the Surface of Silicon Photoanode for Efficient Photoelectrochemical Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 11479-11488.	4.0	28
13	Copper-based homogeneous and heterogeneous catalysts for electrochemical water oxidation. <i>Nanoscale</i> , 2020, 12, 4187-4218.	2.8	79
14	Homogeneous Electrochemical Water Oxidation at Neutral pH by Water-soluble Ni <sup>II</sup> Complexes Bearing Redox Non-innocent Tetraamido Macrocyclic Ligands. <i>ChemSusChem</i> , 2020, 13, 3277-3282.	3.6	30
15	Electrochemical and photoelectrochemical water splitting with a CoOx catalyst prepared by flame assisted deposition. <i>Dalton Transactions</i> , 2020, 49, 588-592.	1.6	3
16	An organic polymer CuPPc-derived copper oxide as a highly efficient electrocatalyst for water oxidation. <i>Chemical Communications</i> , 2020, 56, 3797-3800.	2.2	9
17	A bio-inspired coordination polymer as outstanding water oxidation catalyst via second coordination sphere engineering. <i>Nature Communications</i> , 2019, 10, 5074.	5.8	203
18	Hierarchical CoS <sub>2</sub> /Ni <sub>3</sub> S <sub>2</sub> /CoNiO <sub>x</sub> nanorods with favorable stability at 1 A cm <sup>-2</sup> for electrocatalytic water oxidation. <i>Chemical Communications</i> , 2019, 55, 1564-1567.	2.2	15

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19	Dye-sensitized LaFeO <sub>3</sub> photocathode for solar-driven H <sub>2</sub> generation. Chemical Communications, 2019, 55, 12940-12943.	2.2	28
20	Hollow Carbon@NiCo <sub>2</sub> O <sub>4</sub> Core-Shell Microspheres for Efficient Electrocatalytic Oxygen Evolution. Energy Technology, 2019, 7, 1800919.	1.8	5
21	Hierarchically Structured FeNiO <sub>x</sub> H <sub>y</sub> Electrocatalyst Formed by In-situ Transformation of Metal Phosphate for Efficient Oxygen Evolution Reaction. ChemSusChem, 2018, 11, 1761-1767.	3.6	20
22	Facile Synthesis of a Ternary Metal Hydroxide with Acid Treatment as an Effective and Durable Electrocatalyst in Water Oxidation. ChemPlusChem, 2018, 83, 577-581.	1.3	3
23	Hierarchically Structured FeNiO <sub>x</sub> H <sub>y</sub> Electrocatalyst Formed by In-situ Transformation of Metal Phosphate for Efficient Oxygen Evolution Reaction. ChemSusChem, 2018, 11, 1740-1740.	3.6	0
24	Ligand-Controlled Electrodeposition of Highly Intrinsically Active and Optically Transparent NiFeO <sub>x</sub> H <sub>y</sub> Film as a Water Oxidation Electrocatalyst. ChemSusChem, 2017, 10, 4690-4694.	3.6	7
25	A nonheme manganese(IV)-oxo species generated in photocatalytic reaction using water as an oxygen source. Chemical Communications, 2015, 51, 4013-4016.	2.2	30
26	Molecular complexes in water oxidation: Pre-catalysts or real catalysts. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 25, 71-89.	5.6	75
27	In Situ Formation of Efficient Cobalt-Based Water Oxidation Catalysts from Co <sup>2+</sup> -Containing Tungstate and Molybdate Solutions. Chemistry - an Asian Journal, 2015, 10, 2228-2233.	1.7	12