

# Xuzhuo Sun

## List of Publications by Year in descending order

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18  
papers

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citations

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Ultrasml Ru Nanoparticles Highly Dispersed on Sulfur-Doped Graphene for HER with High Electrocatalytic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 48591-48597.	8.0	87
2	Ru/RuO <sub>2</sub> Nanoparticle Composites with N-Doped Reduced Graphene Oxide as Electrocatalysts for Hydrogen and Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2020, 3, 12269-12277.	5.0	68
3	Synthesis of pillar[n]arenes (n = 5 and 6) with deep eutectic solvent choline chloride 2FeCl <sub>3</sub> . <i>RSC Advances</i> , 2015, 5, 9993-9996.	3.6	35
4	Boron-induced activation of Ru nanoparticles anchored on carbon nanotubes for the enhanced pH-independent hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 338-346.	9.4	21
5	Using a novel adsorbent macrocyclic compound cucurbit[8]uril for Pb <sup>2+</sup> removal from aqueous solution. <i>Journal of Environmental Sciences</i> , 2016, 50, 3-12.	6.1	19
6	Engineering heterostructure and crystallinity of Ru/RuS <sub>2</sub> nanoparticle composited with N-doped graphene as electrocatalysts for alkaline hydrogen evolution. <i>Chinese Chemical Letters</i> , 2021, 32, 3591-3595.	9.0	16
7	Orthogonal Supramolecular Assembly Triggered by Inclusion and Exclusion Interactions with Cucurbit[7]uril for Photocatalytic H <sub>2</sub> Evolution. <i>ChemSusChem</i> , 2020, 13, 394-399.	6.8	13
8	Pseudopolyrotaxanes of Cucurbit[6]uril: A Three-Dimensional Network Self-Assembled by ClO <sub>4</sub> <sup>-</sup> (H <sub>2</sub> O) <sub>2</sub> Water Clusters. <i>Chinese Journal of Chemistry</i> , 2012, 30, 941-946.	4.9	9
9	Porous g-C <sub>3</sub> N <sub>4</sub> with defects for the efficient dye photodegradation under visible light. <i>Water Science and Technology</i> , 2021, 84, 1354-1365.	2.5	7
10	Adsorption of nitrate and nitrite from aqueous solution by magnetic Mg/Fe hydrotalcite. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 4287-4300.	2.1	6
11	Halide Anion Water Clusters in Cucurbit[6]uril Supramolecular Systems. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1114-1120.	4.9	4
12	Synthesis, structure and electrocatalytic H <sub>2</sub> -evolving activity of a dinickel model complex related to the active site of [NiFe]-hydrogenases. <i>Chinese Chemical Letters</i> , 2020, 31, 2483-2486.	9.0	4
13	A new strategy for improving the electrochemical performance of perovskite cathodes: pre-calcining the perovskite oxide precursor in a nitrogen atmosphere. <i>Nanoscale Advances</i> , 2021, 3, 5027-5035.	4.6	2
14	Two-step pyrolysis preparation of co-doped porous g-C <sub>3</sub> N <sub>4</sub> with Co-N coordination bond for dye efficient degradation driven by visible light. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2872-2881.	3.2	2
15	Supramolecular Self-Assembly of Cucurbit[6]uril and Ionic Liquid in Non-aqueous System. <i>Chinese Journal of Chemistry</i> , 2015, 33, 413-417.	4.9	1
16	Introducing electrostatic interaction into Ru(bda) complexes for promoting water-oxidation catalysis. <i>Journal of Molecular Structure</i> , 2021, 1242, 130745.	3.6	1
17	Polydopamine Decorated Ru-Ni(OH) <sub>2</sub> Nanosheets for Enhanced Performance of Hydrogen Evolution in Alkaline Media. <i>Catalysis Letters</i> , 0, 1.	2.6	1
18	Effect of the NiN <sub>2</sub> S <sub>2</sub> Metallthiolate Ligands on the Preparation, Structure, and Property of Dinickel Complexes Related to [NiFe]-Hydrogenases Active Site. <i>Catalysis Letters</i> , 2022, 152, 98-105.	2.6	0