

# Qian-Qian Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

629  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ternary Ni <sup>II</sup> -Co <sup>II</sup> -P nanoparticles as noble-metal-free catalysts to boost the hydrolytic dehydrogenation of ammonia-borane. <i>Energy and Environmental Science</i> , 2017, 10, 1770-1776.	30.8	222
2	Ir <sup>4+</sup> -Doped NiFe LDH to expedite hydrogen evolution kinetics as a Pt-like electrocatalyst for water splitting. <i>Chemical Communications</i> , 2018, 54, 6400-6403.	4.1	114
3	Inlay of ultrafine Ru nanoparticles into a self-supported Ni(OH) <sub>2</sub> nanoarray for hydrogen evolution with low overpotential and enhanced kinetics. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11062-11068.	10.3	70
4	Rapid synthesis of ultralong Fe(OH) <sub>3</sub> :Cu(OH) <sub>2</sub> core-shell nanowires self-supported on copper foam as a highly efficient 3D electrode for water oxidation. <i>Chemical Communications</i> , 2016, 52, 14470-14473.	4.1	68
5	[Co <sub>5</sub> H <sub>4</sub> NHOH] <sub>2</sub> [I <sub>7</sub> O <sub>18</sub> (OH)]·3H <sub>2</sub> O: An Organic-Inorganic Hybrid SHG Material Featuring an [I <sub>7</sub> O <sub>18</sub> (OH)] Branched Polyiodate Chain. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17426-17429.	13.8	42
6	Cu(OH) <sub>2</sub> supported on Fe(OH) <sub>3</sub> as a synergistic and highly efficient system for the dehydrogenation of ammonia-borane. <i>Science Bulletin</i> , 2018, 63, 1583-1590.	9.0	38
7	Tailoring three-dimensional porous cobalt phosphides templated from bimetallic metal-organic frameworks as precious metal-free catalysts towards the dehydrogenation of ammonia-borane. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8277-8283.	10.3	36
8	Cd <sub>2</sub> (IO <sub>3</sub> ) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> and Cd <sub>1.62</sub> Mg <sub>0.38</sub> (IO <sub>3</sub> ) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> : metal iodate-phosphates with large SHG responses and wide band gaps. <i>Chemical Communications</i> , 2022, 58, 7694-7697.	4.1	16
9	Enhancing electrostatic interactions to activate polar molecules: ammonia borane methanolysis on a Cu/Co(OH) <sub>2</sub> nanohybrid. <i>Catalysis Science and Technology</i> , 2019, 9, 2828-2835.	4.1	14
10	[Co <sub>5</sub> H <sub>4</sub> NHOH] <sub>2</sub> [I <sub>7</sub> O <sub>18</sub> (OH)]·3H <sub>2</sub> O: An Organic-Inorganic Hybrid SHG Material Featuring an [I <sub>7</sub> O <sub>18</sub> (OH)] Branched Polyiodate Chain. <i>Angewandte Chemie</i> , 2021, 133, 17566-17569.	2.0	9