

# Guoqiang Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,534  
citations

516561

16  
h-index

752573

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co/Co <sub>9</sub> S <sub>8</sub> @S,N-doped porous graphene sheets derived from S, N dual organic ligands assembled Co-MOFs as superior electrocatalysts for full water splitting in alkaline media. <i>Nano Energy</i> , 2016, 30, 93-102.	8.2	260
2	Co/CoO nanoparticles immobilized on Co@N-doped carbon as trifunctional electrocatalysts for oxygen reduction, oxygen evolution and hydrogen evolution reactions. <i>Chemical Communications</i> , 2016, 52, 5946-5949.	2.2	221
3	One-step synthesis of cobalt-doped MoS <sub>2</sub> nanosheets as bifunctional electrocatalysts for overall water splitting under both acidic and alkaline conditions. <i>Chemical Communications</i> , 2018, 54, 3859-3862.	2.2	196
4	Biomass-derived N-doped porous carbon as electrode materials for Zn-air battery powered capacitive deionization. <i>Chemical Engineering Journal</i> , 2018, 334, 1270-1280.	6.6	182
5	Simultaneously high-rate furfural hydrogenation and oxidation upgrading on nanostructured transition metal phosphides through electrocatalytic conversion at ambient conditions. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 899-908.	10.8	115
6	S,N-Containing Co-MOF derived Co <sub>9</sub> S <sub>8</sub> @S,N-doped carbon materials as efficient oxygen electrocatalysts and supercapacitor electrode materials. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 491-498.	3.0	108
7	Nitrogen-free commercial carbon cloth with rich defects for electrocatalytic ammonia synthesis under ambient conditions. <i>Chemical Communications</i> , 2018, 54, 11188-11191.	2.2	79
8	Ambient Electrosynthesis of Ammonia on a Core-Shell Structured Au@CeO <sub>2</sub> Catalyst: Contribution of Oxygen Vacancies in CeO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2019, 25, 5904-5911.	1.7	69
9	Vapour-phase hydrothermal synthesis of Ni <sub>2</sub> P nanocrystallines on carbon fiber cloth for high-efficiency H <sub>2</sub> production and simultaneous urea decomposition. <i>Electrochimica Acta</i> , 2017, 254, 44-49.	2.6	62
10	Vapor-phase hydrothermal transformation of a nanosheet array structure Ni(OH) <sub>2</sub> into ultrathin Ni <sub>3</sub> S <sub>2</sub> nanosheets on nickel foam for high-efficiency overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19201-19209.	5.2	47
11	Ultrathin NiMn-LDH nanosheet structured electrocatalyst for enhanced electrocatalytic urea oxidation. <i>Applied Catalysis A: General</i> , 2021, 614, 118049.	2.2	36
12	Highly efficient electrocatalytic oxidation of urea on a Mn-incorporated Ni(OH) <sub>2</sub> /carbon fiber cloth for energy-saving rechargeable Zn-air batteries. <i>Chemical Communications</i> , 2017, 53, 10711-10714.	2.2	32
13	Shrimp-shell derived carbon nanodots as precursors to fabricate Fe,N-doped porous graphitic carbon electrocatalysts for efficient oxygen reduction in zinc-air batteries. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 910-918.	3.0	27
14	Electrocatalytic oxidation of benzyl alcohol for simultaneously promoting H <sub>2</sub> evolution by a Co <sub>0.83</sub> Ni <sub>0.17</sub> /activated carbon electrocatalyst. <i>New Journal of Chemistry</i> , 2018, 42, 6381-6388.	1.4	27
15	Ultrafine Ni nanoparticles anchored on carbon nanofibers as highly efficient bifunctional air electrodes for flexible solid-state zinc-air batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 627-636.	5.0	23
16	Efficiently electrocatalytic oxidation of benzyl alcohol for energy- saved zinc-air battery using a multifunctional nickel-cobalt alloy electrocatalyst. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 37-46.	5.0	17
17	Highly selective electrocatalytic Cl <sup>-</sup> oxidation reaction by oxygen-modified cobalt nanoparticles immobilized carbon nanofibers for coupling with brine water remediation and H <sub>2</sub> production. <i>Nano Research</i> , 2021, 14, 1443-1449.	5.8	13
18	Exfoliating spent cathode materials with robust interlayer interactions into atomic-thin nanosheets for boosting the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3359-3372.	5.2	11

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19	Electrocatalytic reduction of nitrogen to ammonia under ambient conditions using a nanorod-structured MoN catalyst. <i>New Journal of Chemistry</i> , 2020, 44, 21070-21075.	1.4	6
20	Preparation of highly conductive and flexible Ag-coated single fiberglass via dopamine functionalization and electroless depositing. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3661-3672.	1.1	2