

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	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
2	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
3	Highly selective electrocatalytic Cl ⁻ oxidation reaction by oxygen-modified cobalt nanoparticles immobilized carbon nanofibers for coupling with brine water remediation and H ₂ production. <i>Nano Research</i> , 2021, 14, 1443-1449.	5.8	13
4	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
5	Ultrathin NiMn-LDH nanosheet structured electrocatalyst for enhanced electrocatalytic urea oxidation. <i>Applied Catalysis A: General</i> , 2021, 614, 118049.	2.2	36
6	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
7	Ambient Electrosynthesis of Ammonia on a Core-Shell Structured Au@CeO ₂ Catalyst: Contribution of Oxygen Vacancies in CeO ₂ . <i>Chemistry - A European Journal</i> , 2019, 25, 5904-5911.	1.7	69
8	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
9	Electrocatalytic oxidation of benzyl alcohol for simultaneously promoting H ₂ evolution by a Co _{0.83} Ni _{0.17} /activated carbon electrocatalyst. <i>New Journal of Chemistry</i> , 2018, 42, 6381-6388.	1.4	27
10	One-step synthesis of cobalt-doped MoS ₂ 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
11	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
12	Vapor-phase hydrothermal transformation of a nanosheet array structure Ni(OH) ₂ into ultrathin Ni ₃ S ₂ nanosheets on nickel foam for high-efficiency overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19201-19209.	5.2	47
13	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
14	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
15	S,N-Containing Co-MOF derived Co ₉ S ₈ @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
16	Vapour-phase hydrothermal synthesis of Ni ₂ P nanocrystallines on carbon fiber cloth for high-efficiency H ₂ production and simultaneous urea decomposition. <i>Electrochimica Acta</i> , 2017, 254, 44-49.	2.6	62
17	Highly efficient electrocatalytic oxidation of urea on a Mn-incorporated Ni(OH) ₂ /carbon fiber cloth for energy-saving rechargeable Zn-air batteries. <i>Chemical Communications</i> , 2017, 53, 10711-10714.	2.2	32
18	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

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19	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
20	Co/Co ₉ S ₈ @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