

Juan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

957
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-nickel aerogels anchored on GO nanosheets as efficient oxygen evolution reaction catalysts under industrial conditions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 6996-7004.	7.1	13
2	A mild approach to bimetallic ZIF-derived porous carbons as highly efficient oxygen reduction electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6188-6196.	7.1	5
3	γ -Fe ₂ O ₃ clusters embedded in 1D porous N-doped carbon matrix as pH-universal electrocatalyst for enhanced oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2021, 415, 129033.	12.7	25
4	Amorphous-crystalline Co ^{II} B ^{III} P Catalyst for Synergistically Enhanced Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2020, 12, 6259-6264.	3.7	13
5	Effect of TS-1 Crystal Planes on the Catalytic Activity of Au/TS-1 for Direct Propylene Epoxidation with H ₂ and O ₂ . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8496-8504.	6.7	9
6	Amorphous Core-shell Nanoparticles as a Highly Effective and Stable Battery-type Electrode for Hybrid Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900858.	3.7	10
7	Rational construction of triangle-like nickel-cobalt bimetallic metal-organic framework nanosheets arrays as battery-type electrodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 42-52.	9.4	131
8	A Minireview on Nickel-Based Heterogeneous Electrocatalysts for Water Splitting. <i>ChemCatChem</i> , 2019, 11, 5913-5928.	3.7	68
9	Structural and electrochemical property evolutions of perovskite SOFC anodes: Role of fuel atmosphere in (La _{0.4} Sr _{0.6}) _{1-x} Co _{0.2} Fe _{0.7} Nb _{0.1} O _{3-δ} . <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31386-31393.	7.1	14
10	Facile Dynamic Synthesis of Homodispersed Ni ₃ S ₂ Nanosheets as a Highly Efficient Bifunctional Electrocatalyst for Water Splitting. <i>ChemCatChem</i> , 2019, 11, 1320-1327.	3.7	21
11	Efficient and stable nanoporous functional composited electrocatalyst derived from Zn/Co-bimetallic zeolitic imidazolate frameworks for oxygen reduction reaction in alkaline media. <i>Electrochimica Acta</i> , 2019, 299, 610-617.	5.2	20
12	Effect of Small Nb Doping Amount on the Performance of BaCoO _{3-δ} -based Perovskite as Bifunctional Oxygen Catalysts. <i>ChemistrySelect</i> , 2018, 3, 12424-12429.	1.5	9
13	Enhanced performance and selectivity of CO ₂ methanation over g-C ₃ N ₄ assisted synthesis of Ni CeO ₂ catalyst: Kinetics and DRIFTS studies. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15191-15204.	7.1	104
14	Exploration of Co-Fe alloy precipitation and electrochemical behavior hysteresis using Lanthanum and Cobalt co-substituted SrFeO _{3-δ} SOFC anode. <i>Electrochimica Acta</i> , 2018, 277, 226-234.	5.2	47
15	Understanding the Effect of Germanium as an Efficient Auxiliary Pre-dopant in Carbon Nanotubes on Enhancing Oxygen Reduction Reaction. <i>Energy Technology</i> , 2018, 6, 2387-2393.	3.8	5
16	A Perovskite Nanorod as Bifunctional Electrocatalyst for Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1602122.	19.5	369
17	Mesoporous Spinel Nanofibers and Nitrogen-doped Carbon Nanotubes as High-performance Electrocatalyst for Oxygen Reduction in Alkaline and Neutral Media. <i>Energy Technology</i> , 2017, 5, 283-292.	3.8	9
18	Spinel MnCo ₂ O ₄ /N-doped Carbon Nanotubes as an Efficient Oxygen Reduction Reaction Electrocatalyst. <i>ChemistrySelect</i> , 2016, 1, 2159-2162.	1.5	16

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19	Effect of an anode modified with nitrogenous compounds on the performance of a microbial fuel cell. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 527-533.	2.3	6
20	Spinel Manganese-Cobalt Oxide on Carbon Nanotubes as Highly Efficient Catalysts for the Oxygen Reduction Reaction. <i>Energy Technology</i> , 2015, 3, 1183-1189.	3.8	16
21	Synthesis and structural characterization of 2,3-bis(hydroxymethyl)-2,3-dinitro-1,4-butanediol tetra p-toluenesulfonate. <i>Research on Chemical Intermediates</i> , 2015, 41, 2257-2264.	2.7	1
22	Treatment of carbon cloth anodes for improving power generation in a dual-chamber microbial fuel cell. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 623-628.	3.2	37
23	Formulation and optimization of biological removal of flue gas pretreatment wastewater and sulfur recycling process by Box-Behnken design. <i>Water Science and Technology</i> , 2013, 67, 2706-2711.	2.5	2
24	The Catalytic Activity of F-Doped Vanadia/Titania Catalysts for Selective Catalytic Reduction of NO with NH ₃ at Low Temperatures. , 2009, , .		1
25	In situ fabrication of cobalt/nickel sulfides nanohybrid based on various sulfur sources as highly efficient bifunctional electrocatalysts for overall water splitting. <i>Nano Select</i> , 0, , .	3.7	6