

Qiang Gao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,220
citations

516561

16
h-index

713332

21
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all docs

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docs citations

21
times ranked

3530
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ and operando forceâ€based atomic force microscopy for probing local functionality in energy storage materials. <i>Electrochemical Science Advances</i> , 2022, 2, e2100038.	1.2	12
2	Achieving high volumetric EDLC carbons via hydrothermal carbonization and cyclic activation. <i>JPhys Energy</i> , 2020, 2, 025005.	2.3	4
3	Tracking ion intercalation into layered Ti_3C_2 MXene films across length scales. <i>Energy and Environmental Science</i> , 2020, 13, 2549-2558.	15.6	100
4	Anchoring carbon nanotubes and post-hydroxylation treatment enhanced Ni nanofiber catalysts towards efficient hydrous hydrazine decomposition for effective hydrogen generation. <i>Chemical Communications</i> , 2019, 55, 9011-9014.	2.2	107
5	Tungsten oxide nanostructures and nanocomposites for photoelectrochemical water splitting. <i>Nanoscale</i> , 2019, 11, 18968-18994.	2.8	168
6	Surface intercalated spherical $MoS_2Se_{2(1-x)}$ nanocatalysts for highly efficient and durable hydrogen evolution reactions. <i>Dalton Transactions</i> , 2019, 48, 8279-8287.	1.6	89
7	Sandwich-like NiCo layered double hydroxide/reduced graphene oxide nanocomposite cathodes for high energy density asymmetric supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 5193-5202.	1.6	224
8	Facile Preparation of $Ti_2HfMoS_xSe_x$ Nanoparticles for Boosting Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2019, 11, 2217-2222.	1.8	124
9	Optimizing carbon/carbon supercapacitors in aqueous alkali sulfates electrolytes. <i>Journal of Energy Chemistry</i> , 2019, 38, 219-224.	7.1	34
10	Achieving carbon-rich silicon-containing ceramic anode for advanced lithium ion battery. <i>Ceramics International</i> , 2019, 45, 10572-10580.	2.3	58
11	Biomass-derived nitrogen-doped carbon quantum dots: highly selective fluorescent probe for detecting Fe^{3+} ions and tetracyclines. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 332-341.	5.0	424
12	Polyborosilazane derived ceramics - Nitrogen sulfur dual doped graphene nanocomposite anode for enhanced lithium ion batteries. <i>Electrochimica Acta</i> , 2019, 296, 925-937.	2.6	198
13	Iridiumâ€Based Catalysts for Solid Polymer Electrolyte Electrocatalytic Water Splitting. <i>ChemSusChem</i> , 2019, 12, 1576-1590.	3.6	111
14	Synergetic effects of K^+ and Mg^{2+} ion intercalation on the electrochemical and actuation properties of the two-dimensional Ti_3C_2 MXene. <i>Faraday Discussions</i> , 2017, 199, 393-403.	1.6	55
15	The influence of carbon surface chemistry on supported palladium nanoparticles in heterogeneous reactions. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 175-183.	5.0	16
16	Probing the Structure of a Water-Oxidizing Anodic Iridium Oxide Catalyst using Raman Spectroscopy. <i>ACS Catalysis</i> , 2016, 6, 8098-8105.	5.5	104
17	Enhancement of Stability and Activity of MnO_x/Au Electrocatalysts for Oxygen Evolution through Adequate Electrolyte Composition. <i>ACS Catalysis</i> , 2015, 5, 7265-7275.	5.5	49
18	Carbons for supercapacitors obtained by one-step pressure induced oxidation at low temperature. <i>Carbon</i> , 2013, 61, 278-283.	5.4	11

#	ARTICLE	IF	CITATIONS
19	Exploring the large voltage range of carbon/carbon supercapacitors in aqueous lithium sulfate electrolyte. <i>Energy and Environmental Science</i> , 2012, 5, 9611.	15.6	297
20	Microporous carbons finely-tuned by cyclic high-pressure low-temperature oxidation and their use in electrochemical capacitors. <i>Carbon</i> , 2012, 50, 3367-3374.	5.4	32
21	INFLUENCE OF PORE STRUCTURE ON THE ELECTROCHEMICAL PERFORMANCE OF ACTIVATED CARBON AS ELECTRODE MATERIAL FOR AQUEOUS SUPERCAPACITORS. <i>Functional Materials Letters</i> , 2010, 03, 201-205.	0.7	3