

Kedong Xia

List of Publications by Year in descending order

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21
papers

1,338
citations

516710

16
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

2235
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of HF and NaOH etching on the composition and structure of SiOC ceramics. <i>Ceramics International</i> , 2022, 48, 1789-1795.	4.8	9
2	Microwave-assisted solvothermal synthesis of hollow mesoporous SiOC ceramics in NaOH solution. <i>Ceramics International</i> , 2022, 48, 19232-19239.	4.8	6
3	The surface carboxyl group of carbonaceous microspheres effects on the synthesis and structure of SiOC ceramics. <i>Journal of the European Ceramic Society</i> , 2021, 41, 2375-2385.	5.7	13
4	Carbon-enriched SiOC ceramics with hierarchical porous structure as anodes for lithium storage. <i>Electrochimica Acta</i> , 2021, 372, 137899.	5.2	32
5	Effect of SnCl ₂ addition on the structure and lithium storage performance of SiOC anodes. <i>Applied Surface Science</i> , 2020, 506, 144775.	6.1	16
6	Superior nitrogen-doped activated carbon materials for water cleaning and energy storing prepared from renewable leather wastes. <i>Environment International</i> , 2020, 142, 105846.	10.0	40
7	Ultrafine molybdenum carbide nanoparticles supported on nitrogen doped carbon nanosheets for hydrogen evolution reaction. <i>Chinese Chemical Letters</i> , 2019, 30, 192-196.	9.0	32
8	Effects of crystal phase and composition on structurally ordered Pt-Co-Ni/C ternary intermetallic electrocatalysts for the formic acid oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5848-5855.	10.3	66
9	Heteroatom (P, B, or S) incorporated NiFe-based nanocubes as efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7062-7069.	10.3	98
10	MoS ₂ -MoP heterostructured nanosheets on polymer-derived carbon as an electrocatalyst for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 616-622.	10.3	104
11	Composition-dependent electrocatalytic activities of NiFe-based selenides for the oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 291, 64-72.	5.2	58
12	Hierarchically Porous Electrocatalyst with Vertically Aligned Defect-Rich CoMoS Nanosheets for the Hydrogen Evolution Reaction in an Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5288-5294.	8.0	93
13	Facile preparation of carbon sphere supported molybdenum compounds (P, C and S) as hydrogen evolution electrocatalysts in acid and alkaline electrolytes. <i>Nano Energy</i> , 2017, 32, 511-519.	16.0	143
14	Controllable synthesis of molybdenum-based electrocatalysts for a hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4879-4885.	10.3	110
15	Effect of KOH etching on the structure and electrochemical performance of SiOC anodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 245, 287-295.	5.2	61
16	Various Structured Molybdenum-based Nanomaterials as Advanced Anode Materials for Lithium ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12366-12372.	8.0	29
17	Biomass derived nitrogen doped carbon with porous architecture as efficient electrode materials for supercapacitors. <i>Chinese Chemical Letters</i> , 2017, 28, 2227-2230.	9.0	47
18	Porous Structured Ni-Fe-P Nanocubes Derived from a Prussian Blue Analogue as an Electrocatalyst for Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26134-26142.	8.0	220

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19	Self-supported ternary Ni-Fe-P nanosheets derived from metal-organic frameworks as efficient overall water splitting electrocatalysts. <i>Electrochimica Acta</i> , 2017, 258, 423-432.	5.2	90
20	Effect of vinyltriethoxysilane addition on the pyrolytic conversion of tetraethoxysilane based silica gel. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 266-271.	2.4	9
21	Preparation of anti-oxidative SiC/SiO ₂ coating on carbon fibers from vinyltriethoxysilane by sol-gel method. <i>Applied Surface Science</i> , 2013, 265, 603-609.	6.1	62