

Chun Cao

List of Publications by Year in descending order

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17
papers

534
citations

567281

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17
all docs

17
docs citations

17
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	Click chemistry assisted organic-inorganic hybrid photoresist for ultra-fast two-photon lithography. Additive Manufacturing, 2022, 51, 102658.	3.0	7
2	Dip-In Photoresist for Photoinhibited Two-Photon Lithography to Realize High-Precision Direct Laser Writing on Wafer. ACS Applied Materials & Interfaces, 2022, 14, 31332-31342.	8.0	19
3	A novel hard-template method for fabricating tofu-gel based N self-doped porous carbon as stable and cost-efficient electrocatalyst in microbial fuel cell. International Journal of Hydrogen Energy, 2019, 44, 26477-26488.	7.1	13
4	Salt-induced silk gel-derived N and trace Fe co-doped 3D porous carbon as an oxygen reduction catalyst in microbial fuel cells. Nanoscale, 2019, 11, 13431-13439.	5.6	18
5	In-situ growing NiCo ₂ O ₄ nanoplatelets on carbon cloth as binder-free catalyst air-cathode for high-performance microbial fuel cells. Electrochimica Acta, 2017, 231, 609-616.	5.2	44
6	Superiority of boron, nitrogen and iron ternary doped carbonized graphene oxide-based catalysts for oxygen reduction in microbial fuel cells. Nanoscale, 2017, 9, 3537-3546.	5.6	45
7	A polyaniline-derived iron-nitrogen-carbon nanorod network anchored on graphene as a cost-effective air-cathode electrocatalyst for microbial fuel cells. Inorganic Chemistry Frontiers, 2017, 4, 1930-1938.	6.0	21
8	Improved Performance of Microbial Fuel Cell Using Esterified Corncob Cellulose Nanofibers To Fabricate Air-Cathode Gas Diffusion Layer. ACS Sustainable Chemistry and Engineering, 2017, 5, 9614-9618.	6.7	59
9	Biomass-derived nitrogen and boron dual-doped hollow carbon tube as cost-effective and stable synergistic catalyst for oxygen electroreduction. Electrochimica Acta, 2017, 249, 328-336.	5.2	30
10	Gas-Flow Tailoring Fabrication of Graphene-like Co-N-C Nanosheet Supported Sub-10 nm PtCo Nanoalloys as Synergistic Catalyst for Air-Cathode Microbial Fuel Cells. ACS Applied Materials & Interfaces, 2017, 9, 22465-22475.	8.0	30
11	Template-free and one-pot synthesis of N-doped hollow carbon tube @ hierarchically porous carbon supporting homogeneous AgNPs for robust oxygen reduction catalyst. Carbon, 2017, 112, 27-36.	10.3	42
12	Enhanced power generation using nano cobalt oxide anchored nitrogen-decorated reduced graphene oxide as a high-performance air-cathode electrocatalyst in biofuel cells. RSC Advances, 2016, 6, 52556-52563.	3.6	32
13	Spontaneous bubble-template-assisted metal-polymeric framework derived N/Co dual-doped hierarchically porous carbon/Fe ₃ O ₄ nanohybrids: superior electrocatalyst for ORR in biofuel cells. Journal of Materials Chemistry A, 2016, 4, 9303-9310.	10.3	42
14	Low-cost adsorbent derived and in situ nitrogen/iron co-doped carbon as efficient oxygen reduction catalyst in microbial fuel cells. Bioresource Technology, 2016, 214, 348-354.	9.6	55
15	Synthesis, self-assembly and redox-responsive properties of well-defined hydroxypropylcellulose-graft-poly(2-acryloyloxyethyl ferrocenecarboxylate) copolymers. Polymer International, 2015, 64, 1015-1022.	3.1	15
16	Wool graft polyacrylamidoxime as the adsorbent for both cationic and anionic toxic ions from aqueous solutions. RSC Advances, 2014, 4, 60609-60616.	3.6	21
17	Controlled release of liposome-encapsulated Naproxen from core-sheath electrospun nanofibers. Carbohydrate Polymers, 2014, 111, 18-24.	10.2	41