

Lulu Chen

List of Publications by Year in descending order

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19
papers

1,034
citations

535685

17
h-index

889612

19
g-index

19
all docs

19
docs citations

19
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in carbon-based electrocatalysts for oxygen reduction reaction. Chinese Chemical Letters, 2020, 31, 626-634.	4.8	104
2	Graphitic Carbon Nitride (g-C ₃ N ₄)-Derived Bamboo-Like Carbon Nanotubes/Co Nanoparticles Hybrids for Highly Efficient Electrocatalytic Oxygen Reduction. ACS Applied Materials & Interfaces, 2020, 12, 4463-4472.	4.0	108
3	Honeycomb-like 3D N-, P-codoped porous carbon anchored with ultrasmall Fe ₂ P nanocrystals for efficient Zn-air battery. Carbon, 2020, 158, 885-892.	5.4	41
4	Fe/N-doped hollow porous carbon spheres for oxygen reduction reaction. Nanotechnology, 2020, 31, 125404.	1.3	11
5	Co-embedded N-doped hierarchical carbon arrays with boosting electrocatalytic activity for in situ electrochemical detection of H ₂ O ₂ . Sensors and Actuators B: Chemical, 2020, 318, 128242.	4.0	31
6	Synergistic effect between atomically dispersed Fe and Co metal sites for enhanced oxygen reduction reaction. Journal of Materials Chemistry A, 2020, 8, 4369-4375.	5.2	100
7	Bifunctional oxygen electrodes of homogeneous Co ₄ N nanocrystals@N-doped carbon hybrids for rechargeable Zn-air batteries. Carbon, 2019, 151, 10-17.	5.4	67
8	MOF-derived 3D leaf-like CuCo oxide arrays as an efficient catalyst for highly sensitive glucose detection. Electrochimica Acta, 2019, 308, 243-252.	2.6	37
9	Strongly coupled ultrasmall-Fe ₇ C ₃ /N-doped porous carbon hybrids for highly efficient Zn-air batteries. Chemical Communications, 2019, 55, 5651-5654.	2.2	35
10	Polymerization-dissolution strategy to prepare Fe, N, S tri-doped carbon nanostructures for Zn-Air batteries. Carbon, 2019, 147, 83-89.	5.4	31
11	A hollow CuOx/NiOy nanocomposite for amperometric and non-enzymatic sensing of glucose and hydrogen peroxide. Mikrochimica Acta, 2019, 186, 74.	2.5	30
12	Cobalt sulfide/N,S-codoped defect-rich carbon nanotubes hybrid as an excellent bi-functional oxygen electrocatalyst. Nanotechnology, 2019, 30, 075402.	1.3	13
13	Flower-like CoS ₂ /MoS ₂ nanocomposite with enhanced electrocatalytic activity for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2017, 42, 12246-12253.	3.8	81
14	A metal-organic framework devised Co-N doped carbon microsphere/nanofiber hybrid as a free-standing 3D oxygen catalyst. Chemical Communications, 2017, 53, 4034-4037.	2.2	65
15	A new method for developing defect-rich graphene nanoribbons/onion-like carbon@Co nanoparticles hybrid materials as an excellent catalyst for oxygen reactions. Nanoscale, 2017, 9, 1738-1744.	2.8	56
16	<i>In situ</i> formed Fe-N doped metal organic framework@carbon nanotubes/graphene hybrids for a rechargeable Zn-air battery. Chemical Communications, 2017, 53, 12934-12937.	2.2	76
17	Synthesis of copper nanorods for non-enzymatic amperometric sensing of glucose. Mikrochimica Acta, 2016, 183, 2369-2375.	2.5	46
18	N,S-Codoped microporous carbon nanobelts with blooming nanoflowers for oxygen reduction. Journal of Materials Chemistry A, 2016, 4, 5834-5838.	5.2	51

#	ARTICLE	IF	CITATIONS
19	Superior oxygen reduction electrocatalysis enabled by integrating hierarchical pores, Fe ₃ C nanoparticles and bamboo-like carbon nanotubes. <i>Nanoscale</i> , 2016, 8, 959-964.	2.8	51