

Xiangjian Liu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,268
citations

270111

25
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511568

30
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all docs

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docs citations

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times ranked

4496
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic Fe & FeP nanoparticles synergistically facilitate oxygen reduction reaction of hollow carbon hybrids. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 371-375.	5.0	17
2	Urchin-Shaped Metal Organic/Hydrogen-Bonded Framework Nanocomposite as a Multifunctional Nanoreactor for Catalysis-Enhanced Synergetic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4825-4834.	4.0	46
3	Graphitic Carbon Nitride ($g\text{-C}_{3\text{N}_4}$)-Derived Bamboo-Like Carbon Nanotubes/Co Nanoparticles Hybrids for Highly Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4463-4472.	4.0	108
4	Honeycomb-like 3D N-, P-codoped porous carbon anchored with ultrasmall Fe ₂ P nanocrystals for efficient Zn-air battery. <i>Carbon</i> , 2020, 158, 885-892.	5.4	41
5	Fe/N-doped hollow porous carbon spheres for oxygen reduction reaction. <i>Nanotechnology</i> , 2020, 31, 125404.	1.3	11
6	Co-embedded N-doped hierarchical carbon arrays with boosting electrocatalytic activity for in situ electrochemical detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128242.	4.0	31
7	Synergistic effect between atomically dispersed Fe and Co metal sites for enhanced oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4369-4375.	5.2	100
8	Renal Clearable Bi ²⁺ S ³⁺ Heterostructure Nanoparticles for Targeting Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7774-7781.	4.0	38
9	Bifunctional oxygen electrodes of homogeneous Co ₄ N nanocrystals@N-doped carbon hybrids for rechargeable Zn-air batteries. <i>Carbon</i> , 2019, 151, 10-17.	5.4	67
10	ZIF-67 derived hierarchical hollow sphere-like CoNiFe phosphide for enhanced performances in oxygen evolution reaction and energy storage. <i>Electrochimica Acta</i> , 2019, 318, 883-891.	2.6	37
11	Monodispersed CuSe Sensitized Covalent Organic Framework Photosensitizer with an Enhanced Photodynamic and Photothermal Effect for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23072-23082.	4.0	117
12	MOF-derived 3D leaf-like CuCo oxide arrays as an efficient catalyst for highly sensitive glucose detection. <i>Electrochimica Acta</i> , 2019, 308, 243-252.	2.6	37
13	Strongly coupled ultrasmall-Fe ₇ C ₃ /N-doped porous carbon hybrids for highly efficient Zn-air batteries. <i>Chemical Communications</i> , 2019, 55, 5651-5654.	2.2	35
14	Polymerization-dissolution strategy to prepare Fe, N, S tri-doped carbon nanostructures for Zn-Air batteries. <i>Carbon</i> , 2019, 147, 83-89.	5.4	31
15	A hollow CuO _x /NiO _y nanocomposite for amperometric and non-enzymatic sensing of glucose and hydrogen peroxide. <i>Mikrochimica Acta</i> , 2019, 186, 74.	2.5	30
16	Cobalt sulfide/N,S-codoped defect-rich carbon nanotubes hybrid as an excellent bi-functional oxygen electrocatalyst. <i>Nanotechnology</i> , 2019, 30, 075402.	1.3	13
17	Facilely electrodeposited coral-like copper micro-/nano-structure arrays with excellent performance in glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 853-860.	4.0	49
18	Flower-like CoS ₂ /MoS ₂ nanocomposite with enhanced electrocatalytic activity for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 12246-12253.	3.8	81

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19	Three-Dimensional Copper Foam Supported CuO Nanowire Arrays: An Efficient Non-enzymatic Glucose Sensor. <i>Electrochimica Acta</i> , 2017, 235, 519-526.	2.6	113
20	A metal-organic framework derived Co-N doped carbon microsphere/nanofiber hybrid as a free-standing 3D oxygen catalyst. <i>Chemical Communications</i> , 2017, 53, 4034-4037.	2.2	65
21	A new method for developing defect-rich graphene nanoribbons/onion-like carbon@Co nanoparticles hybrid materials as an excellent catalyst for oxygen reactions. <i>Nanoscale</i> , 2017, 9, 1738-1744.	2.8	56
22	In situ formed Fe-N doped metal organic framework@carbon nanotubes/graphene hybrids for a rechargeable Zn-air battery. <i>Chemical Communications</i> , 2017, 53, 12934-12937.	2.2	76
23	Synthesis of copper nanorods for non-enzymatic amperometric sensing of glucose. <i>Mikrochimica Acta</i> , 2016, 183, 2369-2375.	2.5	46
24	N,S-Codoped microporous carbon nanobelts with blooming nanoflowers for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5834-5838.	5.2	51
25	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
26	A facile method to prepare Pt/C/TiO ₂ nanotubes electrode for electro-oxidation of methanol. <i>Electrochimica Acta</i> , 2015, 174, 667-671.	2.6	13
27	Bamboo-like Carbon Nanotube/Fe ₃ C Nanoparticle Hybrids and Their Highly Efficient Catalysis for Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2015, 137, 1436-1439.	6.6	786
28	High performance of electrocatalytic oxidation and determination of hydrazine based on Pt nanoparticles/TiO ₂ nanosheets. <i>Talanta</i> , 2015, 144, 1296-1300.	2.9	32
29	IL-derived N, S co-doped ordered mesoporous carbon for high-performance oxygen reduction. <i>Nanoscale</i> , 2015, 7, 11956-11961.	2.8	73
30	Electrochemical detection of natural estrogens using a graphene/ordered mesoporous carbon modified carbon paste electrode. <i>Analytical Methods</i> , 2015, 7, 8626-8631.	1.3	17