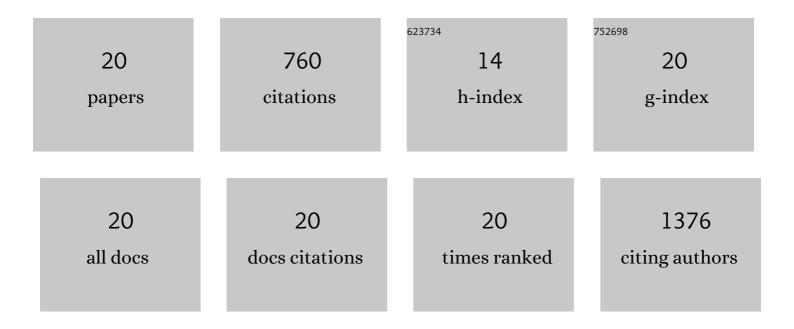
Zhichang Xiao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Unzipping MWCNTs for controlled edge- and heteroatom-defects in revealing their roles in gas-phase oxidative dehydrogenation of ethanol to acetaldehyde. Chemical Engineering Journal, 2022, 446, 137150.	12.7	2
2	Electrifying Schiff-based networks as model catalysts towards deeply understanding the crucial role of sp2-carbon in nitrogen-doped carbocatalyst for oxygen reduction reaction. Applied Surface Science, 2022, 599, 153961.	6.1	2
3	Covalently encapsulating sulfur chains into carbon-rich nanomaterials towards high-capacity and high-rate sodium-ion storage. Journal of Materials Chemistry A, 2021, 9, 24460-24471.	10.3	6
4	Construction of imine-linked covalent organic framework as advanced adsorbent for the sensitive determination of chlorophenols. Journal of Chromatography A, 2021, 1658, 462610.	3.7	21
5	A template oriented one-dimensional Schiff-base polymer: towards flexible nitrogen-enriched carbonaceous electrodes with ultrahigh electrochemical capacity. Nanoscale, 2021, 13, 19210-19217.	5.6	6
6	Maximizing pore and heteroatom utilization within N,P-co-doped polypyrrole-derived carbon nanotubes for high-performance supercapacitors. Journal of Materials Chemistry A, 2020, 8, 17558-17567.	10.3	64
7	Rational integration of porous organic polymer and multiwall carbon nanotube for the microextraction of polycyclic aromatic hydrocarbons. Mikrochimica Acta, 2020, 187, 284.	5.0	13
8	N,P co-doped hollow carbon nanofiber membranes with superior mass transfer property for trifunctional metal-free electrocatalysis. Nano Energy, 2019, 64, 103879.	16.0	110
9	Band Structure Engineering of Schiffâ€Base Microporous Organic Polymers for Enhanced Visibleâ€Light Photocatalytic Performance. Small, 2019, 15, e1900244.	10.0	28
10	New insight to the role of edges and heteroatoms in nanocarbons for oxygen reduction reaction. Nano Energy, 2019, 66, 104096.	16.0	79
11	Chemical tailoring of one-dimensional polypyrene nanocapsules at a molecular level: towards ideal sulfur hosts for high-performance Li–S batteries. Journal of Materials Chemistry A, 2019, 7, 2009-2014.	10.3	10
12	Sp2-carbon dominant carbonaceous materials for energy conversion and storage. Materials Science and Engineering Reports, 2019, 137, 1-37.	31.8	25
13	Ionothermal strategy towards template-free hierarchical porous carbons for supercapacitive energy storage. Carbon, 2019, 143, 487-493.	10.3	24
14	Rational Design of Carbonâ€Rich Materials for Energy Storage and Conversion. Advanced Materials, 2019, 31, e1804973.	21.0	74
15	Nitrogenâ€Enriched Carbon/CNT Composites Based on Schiffâ€Base Networks: Ultrahigh N Content and Enhanced Lithium Storage Properties. Small, 2018, 14, e1703569.	10.0	31
16	A facile Schiff base chemical approach: towards molecular-scale engineering of N-C interface for high performance lithium-sulfur batteries. Nano Energy, 2018, 46, 365-371.	16.0	32
17	WS2 nanoplates embedded in graphitic carbon nanotubes with excellent electrochemical performance for lithium and sodium storage. Science China Materials, 2018, 61, 671-678.	6.3	29
18	A facile and processable integration strategy towards Schiff-base polymer-derived carbonaceous materials with high lithium storage performance. Nanoscale, 2018, 10, 10351-10356.	5.6	15

#	Article	IF	CITATIONS
19	Structure controllable carbon matrix derived from benzene-constructed porous organic polymers for high-performance Li-S batteries. Carbon, 2017, 116, 633-639.	10.3	16
20	High-Performance Silicon Battery Anodes Enabled by Engineering Graphene Assemblies. Nano Letters, 2015, 15, 6222-6228.	9.1	173