

Li Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

2,535
citations

18
h-index

26
g-index

26
ext. papers

2,748
ext. citations

9
avg, IF

4.81
L-index

#	Paper	IF	Citations
25	Highly selective CO ₂ /C ₂ H ₂ separation with porous g-C ₃ N ₄ nanosheets by charge and strain engineering. <i>Chemical Engineering Journal</i> , 2022 , 435, 134737	14.7	1
24	Tin-Containing Graphite for Sodium-Ion Batteries and Hybrid Capacitors. <i>Batteries and Supercaps</i> , 2021 , 4, 173-182	5.6	12
23	FeCoP Nanoparticles Embedded in N and P Co-doped Hierarchically Porous Carbon for Efficient Electrocatalytic Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8832-8843	9.5	11
22	Ultrafine SnO nanoparticles anchored on N, P-doped porous carbon as anodes for high performance lithium-ion and sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2020 , 572, 122-132	9.3	26
21	Polycarbazole and biomass-derived flexible nitrogen-doped porous carbon materials for gas adsorption and sensing. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6804-6811	13	9
20	A N, P Dual-Doped Carbon with High Porosity as an Advanced Metal-Free Oxygen Reduction Catalyst. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900592	4.6	21
19	Sodium Storage and Electrode Dynamics of Tin/Carbon Composite Electrodes from Bulk Precursors for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2019 , 29, 1900790	15.6	76
18	Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2728-2737	7.8	8
17	Nitrogen-doped and nanostructured carbons with high surface area for enhanced oxygen reduction reaction. <i>Carbon</i> , 2018 , 126, 111-118	10.4	48
16	Biomass-derived flexible porous carbon materials and their applications in supercapacitor and gas adsorption. <i>Materials and Design</i> , 2017 , 129, 164-172	8.1	83
15	Synthesis of Core-Shell Structured Porous Nitrogen-Doped Carbon@Silica Material via a Sol-Gel Method. <i>Langmuir</i> , 2017 , 33, 6038-6045	4	11
14	Direct synthesis of ordered mesoporous hydrothermal carbon materials via a modified soft-templating method. <i>Microporous and Mesoporous Materials</i> , 2017 , 253, 215-222	5.3	21
13	Connecting carbon porosity with dispersibility and friability. <i>Carbon</i> , 2017 , 112, 117-129	10.4	6
12	Soft templating synthesis of nitrogen-doped porous hydrothermal carbons and their applications in carbon dioxide and hydrogen adsorption. <i>Microporous and Mesoporous Materials</i> , 2016 , 220, 129-135	5.3	36
11	Electrochemical behaviour of activated carbons obtained via hydrothermal carbonization. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15558-15567	13	33
10	Human hair-derived nitrogen and sulfur co-doped porous carbon materials for gas adsorption. <i>RSC Advances</i> , 2015 , 5, 73980-73988	3.7	46
9	Surface Modification of CNTs with N-Doped Carbon: An Effective Way of Enhancing Their Performance in Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1049-1055	8.3	94

8	Structural Insights on Nitrogen-Containing Hydrothermal Carbon Using Solid-State Magic Angle Spinning ^{13}C and ^{15}N Nuclear Magnetic Resonance. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8976-8982	3.8	85
7	Porous carbohydrate-based materials via hard templating. <i>ChemSusChem</i> , 2010 , 3, 188-94	8.3	72
6	Carbon dioxide capture on amine-rich carbonaceous materials derived from glucose. <i>ChemSusChem</i> , 2010 , 3, 840-5	8.3	158
5	One-step solvothermal synthesis of a carbon@TiO ₂ dyad structure effectively promoting visible-light photocatalysis. <i>Advanced Materials</i> , 2010 , 22, 3317-21	24	411
4	Nitrogen-containing hydrothermal carbons with superior performance in supercapacitors. <i>Advanced Materials</i> , 2010 , 22, 5202-6	24	789
3	Sustainable nitrogen-doped carbon latexes with high electrical and thermal conductivity. <i>Polymer</i> , 2010 , 51, 4540-4546	3.9	46
2	Solvothermal carbon-doped TiO ₂ photocatalyst for the enhanced methylene blue degradation under visible light. <i>Applied Catalysis A: General</i> , 2010 , 390, 175-182	5.1	99
1	Sustainable nitrogen-doped carbonaceous materials from biomass derivatives. <i>Carbon</i> , 2010 , 48, 3778-3784	3.8	332