

# Li Zhao

## List of Publications by Year in descending order

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26  
papers

2,944  
citations

361045

20  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-Containing Hydrothermal Carbons with Superior Performance in Supercapacitors. <i>Advanced Materials</i> , 2010, 22, 5202-5206.	11.1	849
2	One-Step Solvothermal Synthesis of a Carbon@TiO <sub>2</sub> Dyade Structure Effectively Promoting Visible-Light Photocatalysis. <i>Advanced Materials</i> , 2010, 22, 3317-3321.	11.1	444
3	Sustainable nitrogen-doped carbonaceous materials from biomass derivatives. <i>Carbon</i> , 2010, 48, 3778-3787.	5.4	361
4	Carbon Dioxide Capture on Amine-Rich Carbonaceous Materials Derived from Glucose. <i>ChemSusChem</i> , 2010, 3, 840-845.	3.6	170
5	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.	3.2	111
6	Solvothermal carbon-doped TiO <sub>2</sub> photocatalyst for the enhanced methylene blue degradation under visible light. <i>Applied Catalysis A: General</i> , 2010, 390, 175-182.	2.2	108
7	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.	7.8	107
8	Biomass-derived flexible porous carbon materials and their applications in supercapacitor and gas adsorption. <i>Materials and Design</i> , 2017, 129, 164-172.	3.3	105
9	Structural Insights on Nitrogen-Containing Hydrothermal Carbon Using Solid-State Magic Angle Spinning <sup>13</sup> C and <sup>15</sup> N Nuclear Magnetic Resonance. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8976-8982.	1.5	97
10	Porous Carbohydrate-Based Materials via Hard Templating. <i>ChemSusChem</i> , 2010, 3, 188-194.	3.6	80
11	FeCoP <sub>2</sub> Nanoparticles Embedded in N and P Co-doped Hierarchically Porous Carbon for Efficient Electrocatalytic Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8832-8843.	4.0	67
12	Nitrogen-doped and nanostructured carbons with high surface area for enhanced oxygen reduction reaction. <i>Carbon</i> , 2018, 126, 111-118.	5.4	63
13	Human hair-derived nitrogen and sulfur co-doped porous carbon materials for gas adsorption. <i>RSC Advances</i> , 2015, 5, 73980-73988.	1.7	57
14	Ultrafine SnO <sub>2</sub> 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.	5.0	57
15	Sustainable nitrogen-doped carbon latexes with high electrical and thermal conductivity. <i>Polymer</i> , 2010, 51, 4540-4546.	1.8	48
16	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.	2.2	43
17	Electrochemical behaviour of activated carbons obtained via hydrothermal carbonization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15558-15567.	5.2	36
18	Direct synthesis of ordered mesoporous hydrothermal carbon materials via a modified soft-templating method. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 215-222.	2.2	34

#	ARTICLE	IF	CITATIONS
19	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.	1.9	27
20	Tin-Containing Graphite for Sodium-Ion Batteries and Hybrid Capacitors. <i>Batteries and Supercaps</i> , 2021, 4, 173-182.	2.4	27
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.	5.2	16
22	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.	3.2	15
23	Synthesis of Core-Shell Structured Porous Nitrogen-Doped Carbon@Silica Material via a Sol-Gel Method. <i>Langmuir</i> , 2017, 33, 6038-6045.	1.6	11
24	Connecting carbon porosity with dispersibility and friability. <i>Carbon</i> , 2017, 112, 117-129.	5.4	7
25	Highly selective CO <sub>2</sub> /C <sub>2</sub> H <sub>2</sub> separation with porous g-C <sub>9</sub> N <sub>7</sub> nanosheets by charge and strain engineering. <i>Chemical Engineering Journal</i> , 2022, 435, 134737.	6.6	3
26	Biowaste-derived three-dimensional nitrogen-doped hierarchically porous carbon materials for lithium-sulfur batteries. <i>Chinese Science Bulletin</i> , 2018, 63, 3843-3854.	0.4	1