

Yanliang Wen

List of Publications by Citations

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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.

16

papers

286

citations

11

h-index

16

g-index

16

ext. papers

430

ext. citations

5.8

avg, IF

3.79

L-index

#	Paper	IF	Citations
16	Mass production of hierarchically porous carbon nanosheets by carbonizing "real-world" mixed waste plastics toward excellent-performance supercapacitors. <i>Waste Management</i> , 2019 , 87, 691-700	8.6	39
15	Co-etching effect to convert waste polyethylene terephthalate into hierarchical porous carbon toward excellent capacitive energy storage. <i>Science of the Total Environment</i> , 2020 , 723, 138055	10.2	30
14	Expanded graphite assistant construction of gradient-structured char layer in PBS/Mg(OH) ₂ composites for improving flame retardancy, thermal stability and mechanical properties. <i>Composites Part B: Engineering</i> , 2019 , 177, 107402	10	27
13	High yield conversion of biowaste coffee grounds into hierarchical porous carbon for superior capacitive energy storage. <i>Scientific Reports</i> , 2020 , 10, 3518	4.9	24
12	Highly efficient conversion of waste plastic into thin carbon nanosheets for superior capacitive energy storage. <i>Carbon</i> , 2021 , 171, 819-828	10.4	24
11	Hierarchical porous carbon sheets derived on a MgO template for high-performance supercapacitor applications. <i>Nanotechnology</i> , 2019 , 30, 295703	3.4	23
10	Conversion of polystyrene into porous carbon sheets and hollow carbon shells over different magnesium oxide templates for efficient removal of methylene blue. <i>RSC Advances</i> , 2015 , 5, 105047-105056	3.7	23
9	Porous carbon nanosheet with high surface area derived from waste poly(ethylene terephthalate) for supercapacitor applications. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48338	2.9	22
8	Novel strategy for preparation of highly porous carbon sheets derived from polystyrene for supercapacitors. <i>Diamond and Related Materials</i> , 2019 , 95, 5-13	3.5	17
7	Effect of particle size on the flame retardancy of poly(butylene succinate)/Mg(OH) ₂ composites. <i>Fire and Materials</i> , 2016 , 40, 1090-1096	1.8	15
6	One-Step Synergistic Effect to Produce Two-Dimensional N-Doped Hierarchical Porous Carbon Nanosheets for High-Performance Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , 2020 , 3, 8562-8572	6.1	12
5	Eucalyptus derived heteroatom-doped hierarchical porous carbons as electrode materials in supercapacitors. <i>Scientific Reports</i> , 2020 , 10, 14631	4.9	10
4	Three-dimensional porous carbon with big cavities and hierarchical pores derived from leek for superior electrochemical capacitive energy storage. <i>Diamond and Related Materials</i> , 2019 , 98, 107522	3.5	7
3	Nitrogen/Oxygen Enriched Hierarchical Porous Carbons Derived from Waste Peanut Shells Boosting Performance of Supercapacitors. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000450	6.4	6
2	Insight into the Effect of ZIF-8 Particle Size on the Performance in Nanocarbon-Based Supercapacitors. <i>Chemistry - A European Journal</i> , 2020 , 26, 16328-16337	4.8	5
1	Intumescent flame retardants inspired template-assisted synthesis of N/P dual-doped three-dimensional porous carbons for high-performance supercapacitors.. <i>Journal of Colloid and Interface Science</i> , 2022 , 613, 35-46	9.3	2