Chang

List of Publications by Year
in descending order

30 papers	**2,486** citations	471477 **17** h-index	454934 **30** g-index
30 all docs	**30** docs citations	**30** times ranked	**2895** citing authors

#	Article	IF	Citations
1	Large-Scale Synthesis of Aligned Carbon Nanotubes. Science, 1996, 274, 1701-1703.	12.6	1,627
2	Lignin-based hierarchical porous carbon nanofiber films with superior performance in supercapacitors. Applied Surface Science, 2018, 456, 568-576.	6.1	110
3	Effect of reduced graphene oxide on the properties of an activated carbon cloth/polyaniline flexible electrode for supercapacitor application. Journal of Power Sources, 2012, 217, 6-12.	7.8	103
4	Exfoliated graphite as a flexible and conductive support for Si-based Li-ion battery anodes. Carbon, 2014, 72, 38-46.	10.3	71
5	Hollow Co3O4-x nanoparticles decorated N-doped porous carbon prepared by one-step pyrolysis as an efficient ORR electrocatalyst for rechargeable Zn-air batteries. Carbon, 2021, 181, 87-98.	10.3	56
6	Synthesis of microporous carbon nanofibers with high specific surface using tetraethyl orthosilicate template for supercapacitors. International Journal of Hydrogen Energy, 2016, 41, 9383-9393.	7.1	52
7	Fabrications and structural characterization of ultra-fine carbon fibres by electrospinning of polymer blends. Solid State Communications, 2007, 142, 20-23.	1.9	48
8	Preparation of cellulose acetate derived carbon nanofibers by $ZnCl_2$ activation as a supercapacitor electrode. RSC Advances, 2019, 9, 6419-6428.	3.6	45
9	Nitrogen-doped hierarchical porous carbon with high surface area derived from graphene oxide/pitch oxide composite for supercapacitors. Journal of Colloid and Interface Science, 2016, 461, 96-103.	9.4	43
10	In-Situ Preparation of Boron-Doped Carbons with Ordered Mesopores and Enhanced Electrochemical Properties in Supercapacitors. Journal of the Electrochemical Society, 2012, 159, E177-E182.	2.9	38
11	Preparation and molten salt-assisted KOH activation of porous carbon nanofibers for use as supercapacitor electrodes. Journal of Porous Materials, 2017, 24, 1437-1445.	2.6	35
12	Carbon black-based porous sub-micron carbon fibers for flexible supercapacitors. Applied Surface Science, 2021, 537, 147914.	6.1	33
13	Synthesis of mesoporous ribbon-shaped graphitic carbon nanofibers with superior performance as efficient supercapacitor electrodes. Electrochimica Acta, 2018, 292, 364-373.	5.2	30
14	Advanced lithium–sulfur batteries enabled by a SnS2-Hollow carbon nanofibers Flexible Electrocatalytic Membrane. Carbon, 2021, 184, 1-11.	10.3	27
15	Preparation and one-step activation of nanoporous ultrafine carbon fibers derived from polyacrylonitrile/cellulose blend for used as supercapacitor electrode. Journal of Materials Science, 2018, 53, 4527-4539.	3.7	21
16	Ion Accumulation and Diffusion Behavior in Micro-/Meso-Pores of Carbon Nanofibers. Journal of the Electrochemical Society, 2014, 161, A1330-A1337.	2.9	19
17	Carbon nanofiber/graphene composite paper for flexible supercapacitors with high volumetric capacitance. Materials Letters, 2015, 145, 197-200.	2.6	17
18	Preparation and characterization of palladium/polypyrrole-reduced graphene oxide/foamed nickel composite electrode and its electrochemical dechlorination of triclosan. Arabian Journal of Chemistry, 2020, 13, 3963-3973.	4.9	16

#	Article	IF	Citations
19	Facile solution-free preparation of a carbon coated Fe_3O_4 nanoparticles/expanded graphite composite with outstanding Li-storage performances. Materials Letters, 2016, 177, 148-151.	2.6	14
20	The positive effect of 3D interpenetrating network porous structure by carbon membranes on alleviating the volume expansion of SnS_2 nanosheets for enhancing lithium and sodium storage. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 610, 125937.	4.7	12
21	High-effective preparation of 3D hierarchical nanoporous interpenetrating network structure carbon membranes as flexible free-standing anodes for stable lithium and sodium storage. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 608, 125593.	4.7	10
22	Preparation of diameter-controlled multi-wall carbon nanotubes by an improved floating-catalyst chemical vapor deposition method. New Carbon Materials, 2017, 32, 234-241.	6.1	9
23	The Preparation of Pd/Foam-Ni Electrode and Its Electrocatalytic Hydrodechlorination for Monochlorophenol Isomers. Catalysts, 2018, 8, 378.	3.5	9
24	Porous carbon nanosheets derived from expanded graphite for supercapacitors and sodium-ion batteries. Journal of Materials Science, 2020, 55, 16323-16333.	3.7	9
25	Preparation and capacitive performance of modified carbon black-doped porous carbon nanofibers. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	8
26	Improved lithium storage performance by encapsulating silicon in free-standing 3D network structure carbon-based composite membranes as flexible anodes. Surface and Coatings Technology, 2021, 423, 127606.	4.8	8
27	Preparation and Comparative Study of Microporous and Mesoporous Carbon Nanofibers as Supercapacitor Electrodes. Journal of Nanoscience and Nanotechnology, 2018, 18, 699-704.	0.9	7
28	Synthesis and electrochemical performance of high surface area hierarchical porous carbon with ultrahigh mesoporosity for high-performance supercapacitors. Journal of Solid State Electrochemistry, 2019, 23, 2153-2163.	2.5	5
29	Simple synthesis of hierarchical porous carbon with developed graphene domains for high performance supercapacitors. Journal of Porous Materials, 2020, 27, 515-524.	2.6	3
30	Degradation Kinetics of Dichlorophenols During Electrochemical Hydrodechlorination Using Palladium/Polypyrrole/Foam Nickel Electrode. Science of Advanced Materials, 2019, 11, 50-55.	0.7	1