Chang

List of Publications by Year in Descending Order

29 papers	2,054 citations	14 h-index	30 g-index
30 ext. papers	2,268 ext. citations	5.8 avg, IF	4.17 L-index

#	Paper	IF	Citations
29	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	5.1	5
28	Carbon black-based porous sub-micron carbon fibers for flexible supercapacitors. *Applied Surface Science*, **2021**, 537, 147914	6.7	12
27	The positive effect of 3D interpenetrating network porous structure by carbon membranes on alleviating the volume expansion of SnS2 nanosheets for enhancing lithium and sodium storage. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 610, 125937	5.1	5
26	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	10.4	10
25	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	4.4	4
24	Advanced lithium–sulfur batteries enabled by a SnS2-Hollow carbon nanofibers Flexible Electrocatalytic Membrane. *Carbon*, **2021**, 184, 1-11	10.4	4
23	Simple synthesis of hierarchical porous carbon with developed graphene domains for high performance supercapacitors. *Journal of Porous Materials*, **2020**, 27, 515-524	2.4	1
22	Porous carbon nanosheets derived from expanded graphite for supercapacitors and sodium-ion batteries. *Journal of Materials Science*, **2020**, 55, 16323-16333	4.3	2
21	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	5.9	9
20	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	2.6	4
19	Preparation of cellulose acetate derived carbon nanofibers by ZnCl activation as a supercapacitor electrode.. *RSC Advances*, **2019**, 9, 6419-6428	3.7	27
18	Preparation and capacitive performance of modified carbon black-doped porous carbon nanofibers. *Journal of Nanoparticle Research*, **2019**, 21, 1	2.3	6
17	Synthesis of mesoporous ribbon-shaped graphitic carbon nanofibers with superior performance as efficient supercapacitor electrodes. *Electrochimica Acta*, **2018**, 292, 364-373	6.7	22
16	Preparation and Comparative Study of Microporous and Mesoporous Carbon Nanofibers as Supercapacitor Electrodes. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 699-704	1.3	7
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	4.3	15
14	The Preparation of Pd/Foam-Ni Electrode and Its Electrocatalytic Hydrodechlorination for Monochlorophenol Isomers. *Catalysts*, **2018**, 8, 378	4	3
13	Lignin-based hierarchical porous carbon nanofiber films with superior performance in supercapacitors. *Applied Surface Science*, **2018**, 456, 568-576	6.7	76

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12	Preparation and molten salt-assisted KOH activation of porous carbon nanofibers for use as supercapacitor electrodes. *Journal of Porous Materials*, **2017**, 24, 1437-1445	2.4	19
11	Preparation of diameter-controlled multi-wall carbon nanotubes by an improved floating-catalyst chemical vapor deposition method. *New Carbon Materials*, **2017**, 32, 234-241	4.4	5
10	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	9.3	36
9	Synthesis of microporous carbon nanofibers with high specific surface using tetraethyl orthosilicate template for supercapacitors. *International Journal of Hydrogen Energy*, **2016**, 41, 9383-9393	6.7	40
8	Facile solution-free preparation of a carbon coated Fe3O4 nanoparticles/expanded graphite composite with outstanding Li-storage performances. *Materials Letters*, **2016**, 177, 148-151	3.3	12
7	Carbon nanofiber/graphene composite paper for flexible supercapacitors with high volumetric capacitance. *Materials Letters*, **2015**, 145, 197-200	3.3	17
6	Exfoliated graphite as a flexible and conductive support for Si-based Li-ion battery anodes. *Carbon*, **2014**, 72, 38-46	10.4	63
5	Ion Accumulation and Diffusion Behavior in Micro-/Meso-Pores of Carbon Nanofibers. *Journal of the Electrochemical Society*, **2014**, 161, A1330-A1337	3.9	16
4	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	3.9	34
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	8.9	90
2	Fabrications and structural characterization of ultra-fine carbon fibres by electrospinning of polymer blends. *Solid State Communications*, **2007**, 142, 20-23	1.6	43
1	Large-Scale Synthesis of Aligned Carbon Nanotubes. *Science*, **1996**, 274, 1701-3	33.3	1466