

# Chang

## List of Publications by Citations

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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	Large-Scale Synthesis of Aligned Carbon Nanotubes. <i>Science</i> , <b>1996</b> , 274, 1701-3	33.3	1466
28	Effect of reduced graphene oxide on the properties of an activated carbon cloth/polyaniline flexible electrode for supercapacitor application. <i>Journal of Power Sources</i> , <b>2012</b> , 217, 6-12	8.9	90
27	Lignin-based hierarchical porous carbon nanofiber films with superior performance in supercapacitors. <i>Applied Surface Science</i> , <b>2018</b> , 456, 568-576	6.7	76
26	Exfoliated graphite as a flexible and conductive support for Si-based Li-ion battery anodes. <i>Carbon</i> , <b>2014</b> , 72, 38-46	10.4	63
25	Fabrications and structural characterization of ultra-fine carbon fibres by electrospinning of polymer blends. <i>Solid State Communications</i> , <b>2007</b> , 142, 20-23	1.6	43
24	Synthesis of microporous carbon nanofibers with high specific surface using tetraethyl orthosilicate template for supercapacitors. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 9383-9393	6.7	40
23	Nitrogen-doped hierarchical porous carbon with high surface area derived from graphene oxide/pitch oxide composite for supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 461, 96-103	8.3	36
22	In-Situ Preparation of Boron-Doped Carbons with Ordered Mesopores and Enhanced Electrochemical Properties in Supercapacitors. <i>Journal of the Electrochemical Society</i> , <b>2012</b> , 159, E177-E182	3.9	34
21	Preparation of cellulose acetate derived carbon nanofibers by ZnCl activation as a supercapacitor electrode.. <i>RSC Advances</i> , <b>2019</b> , 9, 6419-6428	3.7	27
20	Synthesis of mesoporous ribbon-shaped graphitic carbon nanofibers with superior performance as efficient supercapacitor electrodes. <i>Electrochimica Acta</i> , <b>2018</b> , 292, 364-373	6.7	22
19	Preparation and molten salt-assisted KOH activation of porous carbon nanofibers for use as supercapacitor electrodes. <i>Journal of Porous Materials</i> , <b>2017</b> , 24, 1437-1445	2.4	19
18	Carbon nanofiber/graphene composite paper for flexible supercapacitors with high volumetric capacitance. <i>Materials Letters</i> , <b>2015</b> , 145, 197-200	3.3	17
17	Ion Accumulation and Diffusion Behavior in Micro-/Meso-Pores of Carbon Nanofibers. <i>Journal of the Electrochemical Society</i> , <b>2014</b> , 161, A1330-A1337	3.9	16
16	Preparation and one-step activation of nanoporous ultrafine carbon fibers derived from polyacrylonitrile/cellulose blend for used as supercapacitor electrode. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 4527-4539	4.3	15
15	Facile solution-free preparation of a carbon coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles/expanded graphite composite with outstanding Li-storage performances. <i>Materials Letters</i> , <b>2016</b> , 177, 148-151	3.3	12
14	Carbon black-based porous sub-micron carbon fibers for flexible supercapacitors. <i>Applied Surface Science</i> , <b>2021</b> , 537, 147914	6.7	12
13	Hollow Co <sub>3</sub> O <sub>4</sub> -x nanoparticles decorated N-doped porous carbon prepared by one-step pyrolysis as an efficient ORR electrocatalyst for rechargeable Zn-air batteries. <i>Carbon</i> , <b>2021</b> , 181, 87-98	10.4	10

12	Preparation and characterization of palladium/polypyrrole-reduced graphene oxide/foamed nickel composite electrode and its electrochemical dechlorination of triclosan. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 3963-3973	5.9	9
11	Preparation and Comparative Study of Microporous and Mesoporous Carbon Nanofibers as Supercapacitor Electrodes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 699-704	1.3	7
10	Preparation and capacitive performance of modified carbon black-doped porous carbon nanofibers. <i>Journal of Nanoparticle Research</i> , <b>2019</b> , 21, 1	2.3	6
9	Preparation of diameter-controlled multi-wall carbon nanotubes by an improved floating-catalyst chemical vapor deposition method. <i>New Carbon Materials</i> , <b>2017</b> , 32, 234-241	4.4	5
8	High-effective preparation of 3D hierarchical nanoporous interpenetrating network structure carbon membranes as flexible free-standing anodes for stable lithium and sodium storage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 608, 125593	5.1	5
7	The positive effect of 3D interpenetrating network porous structure by carbon membranes on alleviating the volume expansion of SnS <sub>2</sub> nanosheets for enhancing lithium and sodium storage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 610, 125937	5.1	5
6	Synthesis and electrochemical performance of high surface area hierarchical porous carbon with ultrahigh mesoporosity for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 2153-2163	2.6	4
5	Improved lithium storage performance by encapsulating silicon in free-standing 3D network structure carbon-based composite membranes as flexible anodes. <i>Surface and Coatings Technology</i> , <b>2021</b> , 423, 127606	4.4	4
4	Advanced lithium-sulfur batteries enabled by a SnS <sub>2</sub> -Hollow carbon nanofibers Flexible Electrocatalytic Membrane. <i>Carbon</i> , <b>2021</b> , 184, 1-11	10.4	4
3	The Preparation of Pd/Foam-Ni Electrode and Its Electrocatalytic Hydrodechlorination for Monochlorophenol Isomers. <i>Catalysts</i> , <b>2018</b> , 8, 378	4	3
2	Porous carbon nanosheets derived from expanded graphite for supercapacitors and sodium-ion batteries. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 16323-16333	4.3	2
1	Simple synthesis of hierarchical porous carbon with developed graphene domains for high performance supercapacitors. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 515-524	2.4	1