# Mingming Chen

List of Publications by Year
in descending order

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| 57 | 3,871 | 304743 | 149698 |
|---|---|---|---|
| papers | citations | 22 h-index | 56 g-index |

| 58 | 58 | 58 | 6049 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | LiPAA with Shortâ€chain Anion Facilitating Li<sub>2</sub>S<sub>x</sub> (xâ€‰=â€‰4) Reduction in Leanâ€electrolyte Lithiumâ€“sulfur Battery. Energy and Environmental Materials, 2022, 5, 877-882. | 12.8 | 4 |
| 2 | Manganeseâ€“nickel bimetallic oxide electrocatalyzing redox reactions of lithium polysulfides in lithiumâ€“sulfur batteries. Sustainable Energy and Fuels, 2022, 6, 1426-1435. | 4.9 | 3 |
| 3 | Bridging Li<sub>7</sub>La<sub>3</sub>Zr<sub>2</sub>O<sub>12</sub> Nanofibers with Poly(ethylene) Tj ETQq1 1 0.784314 rgB Batteries. ACS Applied Materials & Interfaces, 2022, 14, 5346-5354. | 8.0 | 23 |
| 4 | CoB and BN composites enabling integrated adsorption/catalysis to polysulfides for inhibiting shuttle-effect in Li-S batteries. Journal of Energy Chemistry, 2021, 59, 220-228. | 12.9 | 28 |
| 5 | Hydrogen Spillover Facilitating Reduction of Surface Oxygen Species on Porous Carbon. ChemistrySelect, 2021, 6, 2178-2183. | 1.5 | 2 |
| 6 | sâ€MoO 3 /MoO 2 @C Hollow Tubes as Polysulfideâ€Filter for Lithiumâ€Sulfur Batteries. ChemistrySelect, 2021, 6, 3969-3975. | 1.5 | 1 |
| 7 | Co-contribution of quenching and nanocrystallization on ionic-conductivity improvement of a composite electrolyte of polyethylene Oxide/Li7La3Zr2O12 nanofibers at 45ÂÂ°C for all-solid-state Li metal batteries. Journal of Power Sources, 2021, 496, 229843. | 7.8 | 18 |
| 8 | Facile Synthesis of N,Pâ€codoped Hard Carbon Nanoporous Microspheres from Lignin for Highâ€Performance Anodes of Sodiumâ€Ion Batteries. ChemElectroChem, 2021, 8, 3544-3552. | 3.4 | 11 |
| 9 | Zn Ion-Doped Amorphous NiWO4 Nanospheres as Cathode Material for High-Performance Asymmetric Supercapacitors. Journal of Electronic Materials, 2021, 50, 7240-7249. | 2.2 | 9 |
| 10 | Uniform growth of Li2S promoted by an organophosphorus-based mediator for high rate Li-S batteries. Chemical Engineering Journal, 2020, 381, 122685. | 12.7 | 22 |
| 11 | Optimizing the Crystallite Structure of Ligninâ€Based Nanospheres by Resinification for Highâ€Performance Sodiumâ€Ion Battery Anodes. Energy Technology, 2020, 8, 1900694. | 3.8 | 9 |
| 12 | Rational valence modulation of bimetallic carbide assisted by defect engineering to enhance polysulfide conversion for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 18032-18042. | 10.3 | 35 |
| 13 | An â€œin situ templatingâ€•strategy towards mesoporous carbon for high-rate supercapacitor and high-adsorption capacity on dye macromolecules. Carbon, 2020, 164, 19-27. | 10.3 | 24 |
| 14 | Sodium metal-assisted carbonization of pyrrole to prepare N-doped porous carbons for high-rate performance supercapacitors. Carbon, 2019, 153, 265-273. | 10.3 | 31 |
| 15 | Potassium-assisted carbonization of pyrrole to prepare nanorod-structured graphitic carbon with a high surface area for high-rate supercapacitors. Carbon, 2019, 155, 326-333. | 10.3 | 12 |
| 16 | Porous carbon nanospheres with moderately oriented domains for EDLC electrode. Journal of the Chinese Chemical Society, 2019, 66, 1499-1506. | 1.4 | 3 |
| 17 | Catalytic Synthesis of Hard/Soft Carbon Hybrids with Heteroatom Doping for Enhanced Sodium Storage. ChemistrySelect, 2019, 4, 3551-3558. | 1.5 | 9 |
| 18 | Hollow Co3O4 Nanosphere Surrounded by N-Doped Graphitic Carbon Filled within Multilayer-Sandwiched Graphene Network: A High-Performance Anode for Lithium Storage. Inorganic Chemistry, 2019, 58, 3416-3424. | 4.0 | 21 |

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|---|---|---|---|
| 19 | Abundant Defects-Induced Interfaces Enabling Effective Anchoring for Polysulfides and Enhanced Kinetics in Lean Electrolyte Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 46767-46775. | 8.0 | 25 |
| 20 | Ureaâ€assisted Strategy Controlling The Pore Structure And Chemical Composition Of The Porous Carbon For Highâ€performance Supercapacitors. ChemistrySelect, 2019, 4, 13012-13020. | 1.5 | 1 |
| 21 | Core-shell Fe2N@amorphous carbon nanocomposite-filled 3D graphene framework: An additive-free anode material for lithium-ion batteries. Chemical Engineering Journal, 2019, 360, 1063-1070. | 12.7 | 36 |
| 22 | 2D porous carbon nanosheets constructed using few-layer graphene sheets by a â€œmedium-upâ€•strategy for ultrahigh power-output EDLCs. Journal of Materials Chemistry A, 2018, 6, 10331-10339. | 10.3 | 35 |
| 23 | N-Doped Dual Carbon-Confined 3D Architecture rGO/Fe<sub>3</sub>O<sub>4</sub>/AC Nanocomposite for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 13470-13478. | 8.0 | 71 |
| 24 | Humic acidâ€derived hierarchical porous carbon preparation using vacuum freezeâ€drying for electric double layer capacitors. Journal of the Chinese Chemical Society, 2018, 65, 835-840. | 1.4 | 5 |
| 25 | Frame-filling C/C composite for high-performance EDLCs with high withstanding voltage. Carbon, 2018, 131, 184-192. | 10.3 | 29 |
| 26 | Commercial activated carbon as a novel precursor of the amorphous carbon for high-performance sodium-ion batteries anode. Carbon, 2018, 129, 85-94. | 10.3 | 84 |
| 27 | An Attempt to Improve Electrochemical Performances of Ligninâ€Based Hard Carbon Microspheres Anodes in Sodiumâ€Ion Batteries by Using Hexamethylenetetramine. ChemistrySelect, 2018, 3, 9518-9525. | 1.5 | 11 |
| 28 | A biomass-derived nitrogen-doped porous carbon for high-energy supercapacitor. Carbon, 2018, 140, 404-412. | 10.3 | 102 |
| 29 | Pitch-based porous aerogel composed of carbon onion nanospheres for electric double layer capacitors. Carbon, 2018, 137, 304-312. | 10.3 | 31 |
| 30 | Design and Preparation of Ligninâ€Based Hierarchical Porous Carbon Microspheres by High Efficient Activation for Electric Double Layer Capacitors. ChemElectroChem, 2018, 5, 2142-2149. | 3.4 | 21 |
| 31 | SiO<sub>2</sub>/Carbon Composite Microspheres with Hollow Coreâ€“Shell Structure as a Highâ€Stability Electrode for Lithiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 542-549. | 3.4 | 63 |
| 32 | Highly Conductive Hierarchical C/C Composites to Eliminate Conductive Agent in EDLC Electrodes. ChemElectroChem, 2017, 4, 2793-2800. | 3.4 | 12 |
| 33 | Porous MnCo2O4-TiO2 microspheres with a yolk-shell structure for lithium-ion battery applications. Journal of Alloys and Compounds, 2017, 726, 445-452. | 5.5 | 11 |
| 34 | Highly Conductive Hierarchical C/C Composites to Eliminate Conductive Agent in EDLC Electrodes. ChemElectroChem, 2017, 4, 2726-2726. | 3.4 | 2 |
| 35 | Frame-filling structural nanoporous carbon from amphiphilic carbonaceous mixture comprising graphite oxide. Carbon, 2016, 108, 225-233. | 10.3 | 18 |
| 36 | MgO-templated mesoporous carbons using a pitch-based thermosetting carbon precursor. RSC Advances, 2016, 6, 100546-100553. | 3.6 | 5 |

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|---|---|---|---|
| 37 | Nanoporous carbons from oxidized green needle coke for use in high performance supercapacitors. New Carbon Materials, 2015, 30, 141-149. | 6.1 | 19 |
| 38 | Fabrication of conductive carbonaceous spherical architecture from pitch by spray drying. Chemical Engineering Science, 2015, 135, 109-116. | 3.8 | 20 |
| 39 | MnO2/C composite electrodes free of conductive enhancer for supercapacitors. Journal of Alloys and Compounds, 2015, 653, 539-545. | 5.5 | 25 |
| 40 | Amphiphilic carbonaceous material-based hierarchical porous carbon aerogels for supercapacitors. Journal of Solid State Electrochemistry, 2015, 19, 619-627. | 2.5 | 9 |
| 41 | Humic acids-based hierarchical porous carbons as high-rate performance electrodes for symmetric supercapacitors. Bioresource Technology, 2014, 163, 386-389. | 9.6 | 64 |
| 42 | Anatase-TiO2 nanocoating of Li4Ti5O12 nanorod anode for lithium-ion batteries. Journal of Alloys and Compounds, 2014, 601, 38-42. | 5.5 | 30 |
| 43 | Double-shelled MnO 2 hollow spheres for supercapacitors. Materials Letters, 2014, 136, 78-80. | 2.6 | 13 |
| 44 | Hierarchical porous carbon derived from sulfonated pitch for electrical double layer capacitors. Journal of Power Sources, 2014, 252, 235-243. | 7.8 | 147 |
| 45 | Amphiphilic carbonaceous material-intervened solvothermal synthesis of LiFePO4. Journal of Power Sources, 2014, 263, 268-275. | 7.8 | 20 |
| 46 | A method to observe the structure of the interface between mesocarbon microbeads and pitch. Journal of Colloid and Interface Science, 2014, 426, 206-208. | 9.4 | 9 |
| 47 | Preparation of mesoporous MgO-templated carbons from phenolic resin and their applications for electric double-layer capacitors. Science Bulletin, 2013, 58, 992-997. | 1.7 | 10 |
| 48 | Characterization and electrochemical performance of activated carbon spheres prepared from potato starch by CO2 activation. Journal of Porous Materials, 2013, 20, 15-20. | 2.6 | 13 |
| 49 | Nanoporous carbon synthesised with coal tar pitch and its capacitive performance. Journal of Materials Chemistry A, 2013, 1, 9498. | 10.3 | 64 |
| 50 | Electrochemical study of lithiated transition metal oxide composite as symmetrical electrode for low temperature ceramic fuel cells. International Journal of Hydrogen Energy, 2013, 38, 11398-11405. | 7.1 | 80 |
| 51 | Preparation of mesoporous carbons from amphiphilic carbonaceous material for high-performance electric double-layer capacitors. Journal of Power Sources, 2011, 196, 550-558. | 7.8 | 95 |
| 52 | Effects of carbonization temperature on microstructure and electrochemical performances of phenolic resin-based carbon spheres. Journal of Physics and Chemistry of Solids, 2010, 71, 214-218. | 4.0 | 27 |
| 53 | Mesoporous activated carbon from amphiphilic carbonaceous material and its application in EDLC. , 2010, , . | | 0 |
| 54 | Studies on the performances of silica aerogel electrodes for the application of supercapacitor. Ionics, 2009, 15, 561-565. | 2.4 | 18 |

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|---|---|---|---|
| 55 | Supercapacitor Devices Based on Graphene Materials. Journal of Physical Chemistry C, 2009, 113, 13103-13107. | 3.1 | 2,295 |
| 56 | Structure and surface elemental state analysis of polyimide resin film after carbonization and graphitization. Journal of Applied Polymer Science, 2008, 108, 1852-1856. | 2.6 | 32 |
| 57 | Solidâ^'Liquid Equilibria of Several Systems Containing Acetic Acid. Journal of Chemical & Engineering Data, 2004, 49, 756-759. | 1.9 | 54 |