# Denghu Wei

List of Publications by Year
in descending order

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|---|---|---|---|
| 42 papers | 910 citations | 430874 18 h-index | 477307 29 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1537 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Solid-State Fabrication of Co3V2O8@C Anode Materials with Outstanding Rate Performance and Cycling Stability by Synergistic Effects of Pseudocapacity and Carbon Coating. Journal of Physical Chemistry C, 2022, 126, 903-911. | 3.1 | 5 |
| 2 | SnO2 Anchored in S and N Co-Doped Carbon as the Anode for Long-Life Lithium-Ion Batteries. Nanomaterials, 2022, 12, 700. | 4.1 | 6 |
| 3 | One-Step Route to Fe2O3 and FeSe2 Nanoparticles Loaded on Carbon-Sheet for Lithium Storage. Molecules, 2022, 27, 2875. | 3.8 | 6 |
| 4 | One-pot thermal decomposition of commercial organometallic salt to Fe2O3@Câ€“N and MnO@Câ€“N for lithium storage. Dalton Transactions, 2021, 50, 6867-6877. | 3.3 | 1 |
| 5 | Synthesis of nitrogen-doped porous carbon and partial poly (2, 2â€²-dithiodianiline) composite as advanced supercapacitor electrode materials. Journal of Materials Science: Materials in Electronics, 2021, 32, 9332-9344. | 2.2 | 2 |
| 6 | One-step thermal decomposition of C4H4FeO6 to Fe3O4@carbon nano-composite for high-performance lithium-ion batteries. Materials Chemistry and Physics, 2020, 239, 122024. | 4.0 | 11 |
| 7 | A hollow neuronal carbon skeleton with ultrahigh pyridinic N content as a self-supporting potassium-ion battery anode. Sustainable Energy and Fuels, 2020, 4, 1216-1224. | 4.9 | 19 |
| 8 | Self-assembled ZnFe2O4 hollow spheres/GO hybrid anode with excellent electrochemical performance for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2020, 31, 1126-1134. | 2.2 | 6 |
| 9 | FeS<sub>2</sub>crystal lattice promotes the nanostructure and enhances the electrocatalytic performance of WS<sub>2</sub>nanosheets for the oxygen evolution reaction. Dalton Transactions, 2020, 49, 9804-9810. | 3.3 | 17 |
| 10 | Regulating Capacitive Performance of Monolithic Carbon Sponges by Balancing Heteroatom Content, Surface Area and Graphitization Degree. ChemNanoMat, 2020, 6, 1507-1512. | 2.8 | 7 |
| 11 | Effects of Carbon Content and Current Density on the Li+ Storage Performance for MnO@C Nanocomposite Derived from Mn-Based Complexes. Nanomaterials, 2020, 10, 1629. | 4.1 | 7 |
| 12 | Novel Fabrication Of N/S Coâ€doped Hierarchically Porous Carbon For Potassiumâ€Ion Batteries. ChemistrySelect, 2019, 4, 11488-11495. | 1.5 | 29 |
| 13 | Highly Dispersed ZnSe Nanoparticles Embedded in Nâ€Doped Porous Carbon Matrix as an Anode for Potassium Ion Batteries. Particle and Particle Systems Characterization, 2019, 36, 1900199. | 2.3 | 41 |
| 14 | Nitrogen-Doped Porous Carbon as Electrode Material for High-Performance Supercapacitors by a Combined Template-Activation Method. Journal of Electronic Materials, 2019, 48, 7888-7896. | 2.2 | 2 |
| 15 | Insight into different-microstructured ZnO/graphene-functionalized separators affecting the performance of lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 4009-4018. | 10.3 | 50 |
| 16 | Synthesis of Manganeseâ€Based Prussian Blue Nanocubes with Organic Solvent as Highâ€Performance Anodes for Lithiumâ€Ion Batteries. European Journal of Inorganic Chemistry, 2019, 2019, 3277-3286. | 2.0 | 13 |
| 17 | Fabrication of Stable and Flexible Nanocomposite Membranes Comprised of Cellulose Nanofibers and Graphene Oxide for Nanofluidic Ion Transport. ACS Applied Nano Materials, 2019, 2, 4193-4202. | 5.0 | 25 |
| 18 | Tiny Basic Nickel Carbonate Arrays/Reduced Graphene Oxide Composite for High-Efficiency Supercapacitor Application. Nano, 2019, 14, 1950044. | 1.0 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Strongly Coupled W<sub>2</sub>C Atomic Nanoclusters on N/Pâ€Codoped Graphene for Kinetically Enhanced Sulfur Host. Advanced Materials Interfaces, 2019, 6, 1802088. | 3.7 | 34 |
| 20 | Tribological properties of carbonized polydopamine/rGO composite coatings. Industrial Lubrication and Tribology, 2019, 72, 54-65. | 1.3 | 1 |
| 21 | Boosting the potassium-ion storage performance of a carbon anode by chemically regulating oxygen-containing species. Chemical Communications, 2019, 55, 14147-14150. | 4.1 | 24 |
| 22 | Thermal decomposition followed by acid etching to synthesize Fe3O4@C for lithium storage. Journal of Materials Science: Materials in Electronics, 2019, 30, 91-97. | 2.2 | 1 |
| 23 | Earth-abundant Fe<sub>1â^'x</sub>S@S-doped graphene oxide nanoâ€“micro composites as high-performance cathode catalysts for green solar energy utilization: fast interfacial electron exchange. RSC Advances, 2018, 8, 4340-4347. | 3.6 | 13 |
| 24 | Influence of orientation on dielectric and ferroelectric properties of the BNT-BT-ST Thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 20952-20958. | 2.2 | 2 |
| 25 | Improving the Performance of Microâ€Silicon Anodes in Lithiumâ€Ion Batteries with a Functional Carbon Nanotube Interlayer. ChemElectroChem, 2018, 5, 3143-3149. | 3.4 | 11 |
| 26 | Nitrogen/oxygen co-doped monolithic carbon electrodes derived from melamine foam for high-performance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 17730-17739. | 10.3 | 193 |
| 27 | A one-pot thermal decomposition of C 4 H 4 ZnO 6 to ZnO@carbon composite for lithium storage. Journal of Alloys and Compounds, 2017, 714, 13-19. | 5.5 | 19 |
| 28 | Multiphase Ge-based Ge/FeGe/FeGe2/C composite anode for high performance lithium ion batteries. Electrochimica Acta, 2017, 253, 522-529. | 5.2 | 27 |
| 29 | Mesoporous Fe2O3 nanomaterials from natural rust for lithium storage. Journal of Materials Science: Materials in Electronics, 2017, 28, 19098-19104. | 2.2 | 7 |
| 30 | Enhancing electrochemical performance of Fe<sub>3</sub>O<sub>4</sub>/graphene hybrid aerogel with hydrophilic polymer. Journal of Applied Polymer Science, 2017, 134, 45566. | 2.6 | 19 |
| 31 | Electrocatalytic study of a 1,10-phenanthrolineâ€“cobalt(<scp>ii</scp>) metal complex catalyst supported on reduced graphene oxide towards oxygen reduction reaction. RSC Advances, 2016, 6, 33302-33307. | 3.6 | 25 |
| 32 | Hydrothermal synthesis of graphene-MnO2-polyaniline composite and its electrochemical performance. Journal of Materials Science: Materials in Electronics, 2016, 27, 6816-6822. | 2.2 | 30 |
| 33 | High-performance supercapacitor based on actived carbonâ€“MnO2â€“polyaniline composite. Journal of Materials Science: Materials in Electronics, 2016, 27, 1357-1362. | 2.2 | 29 |
| 34 | Rational design of SnO2 aggregation nanostructure with uniform pores and its supercapacitor application. Journal of Materials Science: Materials in Electronics, 2015, 26, 6143-6147. | 2.2 | 10 |
| 35 | Dielectric, ferroelectric and piezoelectric properties of Ca0.1Sr0.9Bi2Nb2O9 ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 8740-8746. | 2.2 | 18 |
| 36 | CTAB-reduced synthesis of urchin-like Ptâ€“Cu alloy nanostructures and catalysis study towards the methanol oxidation reaction. RSC Advances, 2015, 5, 94210-94215. | 3.6 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Stable Cycling of Fe<sub>2</sub>O<sub>3</sub> Nanorice as an Anode through Electrochemical Porousness and the Solidâ€“Electrolyte Interphase Thermolysis Approach. ChemPlusChem, 2014, 79, 143-150. | 2.8 | 14 |
| 38 | One-pot hydrothermal synthesis of peony-like Ag/Ag<sub>0.68</sub>V<sub>2</sub>O<sub>5</sub> hybrid as high-performance anode and cathode materials for rechargeable lithium batteries. Nanoscale, 2014, 6, 5239-5244. | 5.6 | 15 |
| 39 | Low temperature chemical reduction of fusional sodium metasilicate nonahydrate into a honeycomb porous silicon nanostructure. Chemical Communications, 2014, 50, 6856. | 4.1 | 25 |
| 40 | Synthesis of Co2SnO4 hollow cubes encapsulated in graphene as high capacity anode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 2728. | 10.3 | 68 |
| 41 | Formation of Grapheneâ€Wrapped Nanocrystals at Room Temperature through the Colloidal Coagulation Effect. Particle and Particle Systems Characterization, 2013, 30, 143-147. | 2.3 | 39 |
| 42 | A novel benzeneâ€“water azeotrope route to new Na-based metal fluorosulphates NaFeSO4F and NaFeSO4FÂ·2H2O in one minute. CrystEngComm, 2012, 14, 4251. | 2.6 | 11 |