Ce Wang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Electrospun Nanofibers: Current Progress and Applications in Food Systems. Journal of Agricultural and Food Chemistry, 2022, 70, 1391-1409. | 5.2 | 49 |
| 2 | PLLA–gelatin composite fiber membranes incorporated with functionalized CeNPs as a sustainable wound dressing substitute promoting skin regeneration and scar remodeling. Journal of Materials Chemistry B, 2022, 10, 1116-1127. | 5.8 | 18 |
| 3 | BiOX (X = Cl, Br, I)/WO ₃ /Polyacrylonitrile Nanofibrous Membranes for Diagnostic X-Ray Shielding and Visible-Light Photocatalysis. ACS Applied Nano Materials, 2022, 5, 4157-4169. | 5.0 | 9 |
| 4 | Recent Progress in Electrospun Nanofiber-Based Degenerated Intervertebral Disc Repair. ACS Biomaterials Science and Engineering, 2022, 8, 16-31. | 5.2 | 9 |
| 5 | Multifunctional PAN/Al–ZnO/Ag Nanofibers for Infrared Stealth, Self-Cleaning, and Antibacterial Applications. ACS Applied Nano Materials, 2022, 5, 782-790. | 5.0 | 10 |
| 6 | Allicin-Loaded Electrospun PVP/PVB Nanofibrous Films with Superior Water Absorption and Water Stability for Antimicrobial Food Packaging. ACS Food Science & Technology, 2022, 2, 941-950. | 2.7 | 3 |
| 7 | Water-/Oil-Repellent Polyacrylonitrile Nanofiber Air Filter Modified with Silica Nanoparticles and Fluorine Compounds. ACS Applied Nano Materials, 2022, 5, 8131-8141. | 5.0 | 3 |
| 8 | Integrated transition metal and compounds with carbon nanomaterials for electrochemical water splitting. Journal of Materials Chemistry A, 2021, 9, 3786-3827. | 10.3 | 140 |
| 9 | Completeâ€Lifecycleâ€Available, Lightweight and Flexible Hierarchical Structured Bi ₂ WO ₆ /WO ₃ /PAN Nanofibrous Membrane for Xâ€Ray Shielding and Photocatalytic Degradation. Advanced Materials Interfaces, 2021, 8, 2002131. | 3.7 | 17 |
| 10 | Superhydrophobic and Corrosion-Resistant Electrospun Hybrid Membrane for High-Efficiency Electromagnetic Interference Shielding. ACS Applied Electronic Materials, 2021, 3, 2067-2078. | 4.3 | 32 |
| 11 | Electrospun Core–Shell Structure Fibers for Puerarin-Loaded Vascular Grafts. ACS Applied Polymer Materials, 2021, 3, 4195-4202. | 4.4 | 5 |
| 12 | Interface Engineering of Heterogeneous CeO ₂ –CoO Nanofibers with Rich Oxygen Vacancies for Enhanced Electrocatalytic Oxygen Evolution Performance. ACS Applied Materials & Interfaces, 2021, 13, 46998-47009. | 8.0 | 40 |
| 13 | Transition metal sulfides meet electrospinning: versatile synthesis, distinct properties and prospective applications. Nanoscale, 2021, 13, 9112-9146. | 5.6 | 35 |
| 14 | Multispectral electromagnetic shielding using ultra-thin metal-metal oxide decorated hybrid nanofiber membranes. Communications Materials, 2021, 2, . | 6.9 | 13 |
| 15 | Fiber-in-Tube Design of a CuFe ₂ O ₄ @Conducting Polymer with Synergistically Enhanced Peroxidase-like Activity for Total Antioxidant Capacity Assays. ACS Sustainable Chemistry and Engineering, 2021, 9, 14811-14820. | 6.7 | 18 |
| 16 | Hyperbranched thiourea-grafted electrospun polyacrylonitrile fibers for efficient and selective gold recovery. Journal of Colloid and Interface Science, 2020, 561, 449-458. | 9.4 | 46 |
| 17 | Bimetallic MOF Nanosheets Decorated on Electrospun Nanofibers for High-Performance Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2020, 12, 1280-1291. | 8.0 | 154 |
| 18 | Fe doped CoO/C nanofibers towards efficient oxygen evolution reaction. Applied Surface Science, 2020, 506, 144680. | 6.1 | 35 |

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| 19 | Rational Design of Hierarchical CoO/NiO Nanosheets on Conductive Polypyrrole Nanotubes for Peroxidase Mimicking and Sensing Application. ACS Sustainable Chemistry and Engineering, 2020, 8, 11069-11078. | 6.7 | 31 |
| 20 | Volatile-Organic-Compound-Intercepting Solar Distillation Enabled by a Photothermal/Photocatalytic Nanofibrous Membrane with Dual-Scale Pores. Environmental Science & Technology, 2020, 54, 9025-9033. | 10.0 | 108 |
| 21 | Mo/Mo2C encapsulated in nitrogen-doped carbon nanofibers as efficiently integrated heterojunction electrocatalysts for hydrogen evolution reaction in wide pH range. Applied Surface Science, 2019, 496, 143672. | 6.1 | 49 |
| 22 | Functional nanomaterials with unique enzyme-like characteristics for sensing applications. Journal of Materials Chemistry B, 2019, 7, 850-875. | 5.8 | 155 |
| 23 | Advanced electrospun nanomaterials for highly efficient electrocatalysis. Inorganic Chemistry Frontiers, 2019, 6, 3012-3040. | 6.0 | 60 |
| 24 | Fe(III)-Tannic Acid Complex Derived Fe ₃ C Decorated Carbon Nanofibers for Triple-Enzyme Mimetic Activity and Their Biosensing Application. ACS Biomaterials Science and Engineering, 2019, 5, 1238-1246. | 5.2 | 21 |
| 25 | Interfacial engineering regulating the peroxidase-like property of ternary composite nanofibers and their sensing applications. Applied Surface Science, 2019, 491, 138-146. | 6.1 | 16 |
| 26 | Metal–organic framework derived hierarchical Ni/Ni ₃ S ₂ decorated carbon nanofibers for high-performance supercapacitors. Materials Chemistry Frontiers, 2019, 3, 1653-1660. | 5.9 | 39 |
| 27 | Molecular Orientation in Individual Electrospun Nanofibers Studied by Polarized AFM–IR. Macromolecules, 2019, 52, 9639-9645. | 4.8 | 31 |
| 28 | Fabrication of two-dimensional metal-organic frameworks on electrospun nanofibers and their derived metal doped carbon nanofibers for an advanced asymmetric supercapacitor with a high energy density. Journal of Power Sources, 2019, 413, 50-58. | 7.8 | 67 |
| 29 | Lightweight and flexible Ni-Co alloy nanoparticle-coated electrospun polymer nanofiber hybrid membranes for high-performance electromagnetic interference shielding. Journal of Alloys and Compounds, 2019, 784, 244-255. | 5.5 | 77 |
| 30 | Bifunctional and Efficient CoS ₂ –C@MoS ₂ Core–Shell Nanofiber Electrocatalyst for Water Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 2899-2905. | 6.7 | 91 |
| 31 | Highly flexible magnesium silicate nanofibrous membranes for effective removal of methylene blue from aqueous solution. Chemical Engineering Journal, 2019, 359, 1603-1616. | 12.7 | 74 |
| 32 | Electrospun poly(vinylidene fluoride)-zinc oxide hierarchical composite fiber membrane as piezoelectric acoustoelectric nanogenerator. Journal of Materials Science, 2019, 54, 2754-2762. | 3.7 | 57 |
| 33 | Self-templated fabrication of FeMnO ₃ nanoparticle-filled polypyrrole nanotubes for peroxidase mimicking with a synergistic effect and their sensitive colorimetric detection of glutathione. Chemical Communications, 2018, 54, 5827-5830. | 4.1 | 85 |
| 34 | Facile preparation of Prussian blue/polypyrrole hybrid nanofibers as robust peroxidase mimics for colorimetric detection of l-cysteine. Materials Chemistry Frontiers, 2018, 2, 768-774. | 5.9 | 22 |
| 35 | Direct growth of Ni–Mn–O nanosheets on flexible electrospun carbon nanofibers for high performance supercapacitor applications. Inorganic Chemistry Frontiers, 2018, 5, 635-642. | 6.0 | 57 |
| 36 | Fabrication of highly dispersed ultrafine Co 9 S 8 nanoparticles on carbon nanofibers as low-cost counter electrode for dye-sensitized solar cells. Journal of Colloid and Interface Science, 2018, 522, 95-103. | 9.4 | 27 |

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| 37 | Polydopamine coating assisted synthesis of MnO2 loaded inorganic/organic composite electrospun fiber adsorbent for efficient removal of Pb2+ from water. Chemical Engineering Journal, 2018, 344, 277-289. | 12.7 | 125 |
| 38 | Dual Responsive Enzyme Mimicking of Ternary Polyaniline–MnO ₂ –Pd Nanowires and Its Application in Colorimetric Biosensing. ACS Sustainable Chemistry and Engineering, 2018, 6, 16482-16492. | 6.7 | 32 |
| 39 | Fe ₃ C/Nitrogen-Doped Carbon Nanofibers as Highly Efficient Biocatalyst with Oxidase-Mimicking Activity for Colorimetric Sensing. ACS Sustainable Chemistry and Engineering, 2018, 6, 16766-16776. | 6.7 | 45 |
| 40 | Growth of polyaniline thorns on hybrid electrospun CNFs with nickel nanoparticles and graphene nanosheets as binder-free electrodes for high-performance supercapacitors. Applied Surface Science, 2018, 458, 389-396. | 6.1 | 41 |
| 41 | Oxidase-mimicking activity of perovskite LaMnO _{3+Ĩ´} nanofibers and their application for colorimetric sensing. Journal of Materials Chemistry B, 2018, 6, 5931-5939. | 5.8 | 52 |
| 42 | Enhanced Peroxidase-like Activity of Mo ⁶⁺ -Doped Co ₃ O ₄ Nanotubes for Ultrasensitive and Colorimetric <scp>l</scp> -Cysteine Detection. ACS Applied Nano Materials, 2018, 1, 4703-4715. | 5.0 | 54 |
| 43 | Hierarchical CNFs/MnCo ₂ O _{4.5} nanofibers as a highly active oxidase mimetic and its application in biosensing. Nanotechnology, 2017, 28, 485708. | 2.6 | 30 |
| 44 | Fabrication of oxidase-like hollow MnCo ₂ O ₄ nanofibers and their sensitive colorimetric detection of sulfite and <scp>l</scp> -cysteine. Inorganic Chemistry Frontiers, 2017, 4, 1862-1869. | 6.0 | 74 |
| 45 | A flexible magnesium silicate coated electrospun fiber adsorbent for high-efficiency removal of a toxic cationic herbicide. New Journal of Chemistry, 2017, 41, 15601-15611. | 2.8 | 29 |