

# Ce Wang

## List of Publications by Year in descending order

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45  
papers

2,185  
citations

172457  
29  
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45  
docs citations

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times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional nanomaterials with unique enzyme-like characteristics for sensing applications. Journal of Materials Chemistry B, 2019, 7, 850-875.	5.8	155
2	Bimetallic MOF Nanosheets Decorated on Electrospun Nanofibers for High-Performance Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2020, 12, 1280-1291.	8.0	154
3	Integrated transition metal and compounds with carbon nanomaterials for electrochemical water splitting. Journal of Materials Chemistry A, 2021, 9, 3786-3827.	10.3	140
4	Polydopamine coating assisted synthesis of MnO <sub>2</sub> loaded inorganic/organic composite electrospun fiber adsorbent for efficient removal of Pb <sup>2+</sup> from water. Chemical Engineering Journal, 2018, 344, 277-289.	12.7	125
5	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
6	Bifunctional and Efficient CoS <sub>2</sub> @C@MoS <sub>2</sub> Core-Shell Nanofiber Electrocatalyst for Water Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 2899-2905.	6.7	91
7	Self-templated fabrication of FeMnO <sub>3</sub> 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
8	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
9	Fabrication of oxidase-like hollow MnCo <sub>2</sub> O <sub>4</sub> nanofibers and their sensitive colorimetric detection of sulfite and L-cysteine. Inorganic Chemistry Frontiers, 2017, 4, 1862-1869.	6.0	74
10	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
11	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
12	Advanced electrospun nanomaterials for highly efficient electrocatalysis. Inorganic Chemistry Frontiers, 2019, 6, 3012-3040.	6.0	60
13	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
14	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
15	Enhanced Peroxidase-like Activity of Mo <sup>6+</sup> -Doped Co <sub>3</sub> O <sub>4</sub> Nanotubes for Ultrasensitive and Colorimetric L-Cysteine Detection. ACS Applied Nano Materials, 2018, 1, 4703-4715.	5.0	54
16	Oxidase-mimicking activity of perovskite LaMnO <sub>3</sub> nanofibers and their application for colorimetric sensing. Journal of Materials Chemistry B, 2018, 6, 5931-5939.	5.8	52
17	Mo/Mo <sub>2</sub> C 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
18	Electrospun Nanofibers: Current Progress and Applications in Food Systems. Journal of Agricultural and Food Chemistry, 2022, 70, 1391-1409.	5.2	49

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19	Hyperbranched thiourea-grafted electrospun polyacrylonitrile fibers for efficient and selective gold recovery. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 449-458.	9.4	46
20	Fe <sub>3</sub> C/Nitrogen-Doped Carbon Nanofibers as Highly Efficient Biocatalyst with Oxidase-Mimicking Activity for Colorimetric Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16766-16776.	6.7	45
21	Growth of polyaniline thorns on hybrid electrospun CNFs with nickel nanoparticles and graphene nanosheets as binder-free electrodes for high-performance supercapacitors. <i>Applied Surface Science</i> , 2018, 458, 389-396.	6.1	41
22	Interface Engineering of Heterogeneous CeO <sub>2</sub> @CoO Nanofibers with Rich Oxygen Vacancies for Enhanced Electrocatalytic Oxygen Evolution Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46998-47009.	8.0	40
23	Metal-organic framework derived hierarchical Ni/Ni <sub>3</sub> S <sub>2</sub> decorated carbon nanofibers for high-performance supercapacitors. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1653-1660.	5.9	39
24	Fe doped CoO/C nanofibers towards efficient oxygen evolution reaction. <i>Applied Surface Science</i> , 2020, 506, 144680.	6.1	35
25	Transition metal sulfides meet electrospinning: versatile synthesis, distinct properties and prospective applications. <i>Nanoscale</i> , 2021, 13, 9112-9146.	5.6	35
26	Dual Responsive Enzyme Mimicking of Ternary Polyaniline@MnO <sub>2</sub> @Pd Nanowires and Its Application in Colorimetric Biosensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16482-16492.	6.7	32
27	Superhydrophobic and Corrosion-Resistant Electrospun Hybrid Membrane for High-Efficiency Electromagnetic Interference Shielding. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2067-2078.	4.3	32
28	Molecular Orientation in Individual Electrospun Nanofibers Studied by Polarized AFM-IR. <i>Macromolecules</i> , 2019, 52, 9639-9645.	4.8	31
29	Rational Design of Hierarchical CoO/NiO Nanosheets on Conductive Polypyrrole Nanotubes for Peroxidase Mimicking and Sensing Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11069-11078.	6.7	31
30	Hierarchical CNFs/MnCo <sub>2</sub> O <sub>4.5</sub> nanofibers as a highly active oxidase mimetic and its application in biosensing. <i>Nanotechnology</i> , 2017, 28, 485708.	2.6	30
31	A flexible magnesium silicate coated electrospun fiber adsorbent for high-efficiency removal of a toxic cationic herbicide. <i>New Journal of Chemistry</i> , 2017, 41, 15601-15611.	2.8	29
32	Fabrication of highly dispersed ultrafine Co <sub>9</sub> S <sub>8</sub> nanoparticles on carbon nanofibers as low-cost counter electrode for dye-sensitized solar cells. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 95-103.	9.4	27
33	Facile preparation of Prussian blue/polypyrrole hybrid nanofibers as robust peroxidase mimics for colorimetric detection of l-cysteine. <i>Materials Chemistry Frontiers</i> , 2018, 2, 768-774.	5.9	22
34	Fe(III)-Tannic Acid Complex Derived Fe <sub>3</sub> C Decorated Carbon Nanofibers for Triple-Enzyme Mimetic Activity and Their Biosensing Application. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1238-1246.	5.2	21
35	Fiber-in-Tube Design of a CuFe <sub>2</sub> O <sub>4</sub> @Conducting Polymer with Synergistically Enhanced Peroxidase-like Activity for Total Antioxidant Capacity Assays. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14811-14820.	6.7	18
36	PLLA-gelatin composite fiber membranes incorporated with functionalized CeNPs as a sustainable wound dressing substitute promoting skin regeneration and scar remodeling. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1116-1127.	5.8	18

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37	Completeâ€œLifecycleâ€œAvailable, Lightweight and Flexible Hierarchical Structured Bi <sub>2</sub> WO <sub>6</sub> /WO <sub>3</sub> /PAN Nanofibrous Membrane for X-Ray Shielding and Photocatalytic Degradation. Advanced Materials Interfaces, 2021, 8, 2002131.	3.7	17
38	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
39	Multispectral electromagnetic shielding using ultra-thin metal-metal oxide decorated hybrid nanofiber membranes. Communications Materials, 2021, 2, .	6.9	13
40	Multifunctional PAN/Alâ€œZnO/Ag Nanofibers for Infrared Stealth, Self-Cleaning, and Antibacterial Applications. ACS Applied Nano Materials, 2022, 5, 782-790.	5.0	10
41	BiOX (X = Cl, Br, I)/WO <sub>3</sub> /Polyacrylonitrile Nanofibrous Membranes for Diagnostic X-Ray Shielding and Visible-Light Photocatalysis. ACS Applied Nano Materials, 2022, 5, 4157-4169.	5.0	9
42	Recent Progress in Electrospun Nanofiber-Based Degenerated Intervertebral Disc Repair. ACS Biomaterials Science and Engineering, 2022, 8, 16-31.	5.2	9
43	Electrospun Coreâ€œShell Structure Fibers for Puerarin-Loaded Vascular Grafts. ACS Applied Polymer Materials, 2021, 3, 4195-4202.	4.4	5
44	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
45	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