# Yezeng He

List of Publications by Year
in descending order

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| 81 | 2,695 | 218592 | 197736 |
|---|---|---|---|
| papers | citations | 26 h-index | 49 g-index |

| 81 | 81 | 81 | 2450 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Controllable construction of hierarchically porous carbon composite of nanosheet network for advanced dual-carbon potassium-ion capacitors. Journal of Colloid and Interface Science, 2022, 621, 169-179. | 5.0 | 9 |
| 2 | Enhanced performance of mesoporous NiCo <sub>2</sub> S <sub>4</sub> nanosheets fibreâ€shaped electrode for supercapacitor. Micro and Nano Letters, 2021, 16, 263-267. | 0.6 | 4 |
| 3 | Fabrication and Degradation Properties of Nanoporous Copper with Tunable Pores by Dealloying Amorphous Ti-Cu Alloys with Minor Co Addition. Journal of Materials Engineering and Performance, 2021, 30, 1759-1767. | 1.2 | 8 |
| 4 | Construction of layered C@MnNiCoâ€“OH/Ni3S2 coreâ€“shell heterostructure with enhanced electrochemical performance for asymmetric supercapacitor. Journal of Materials Science: Materials in Electronics, 2021, 32, 11145-11157. | 1.1 | 5 |
| 5 | Constructing Co(OH)F Nanorods@NiCoâ€LDH Nanocages Derived from ZIFâ€67 for Highâ€Performance Supercapacitors. Advanced Materials Interfaces, 2021, 8, 2100642. | 1.9 | 91 |
| 6 | Carbon-coated NiMn layered double hydroxides/Ni3S2 nanocomposite for high performance supercapacitors. Journal of Energy Storage, 2021, 41, 103003. | 3.9 | 72 |
| 7 | Facile synthesis of hierarchical NiCoP nanowires@NiCoP nanosheets coreâ€“shell nanoarrays for high-performance asymmetrical supercapacitor. Journal of Materials Science, 2020, 55, 1157-1169. | 1.7 | 31 |
| 8 | Facile synthesis of NiCoP nanosheets on carbon cloth and their application as positive electrode material in asymmetric supercapacitor. Ionics, 2020, 26, 355-366. | 1.2 | 31 |
| 9 | 3D core-shell pistil-like MnCo2O4.5/polyaniline nanocomposites as high performance supercapacitor electrodes. Composite Interfaces, 2020, 27, 631-644. | 1.3 | 9 |
| 10 | Hierarchical NiS@CoS with Controllable Coreâ€Shell Structure by Twoâ€Step Strategy for Supercapacitor Electrodes. Advanced Materials Interfaces, 2020, 7, 1901618. | 1.9 | 98 |
| 11 | Self-supported NiSe@Ni3S2 core-shell composite on Ni foam for a high-performance asymmetric supercapacitor. Ionics, 2020, 26, 3997-4007. | 1.2 | 19 |
| 12 | Hierarchical Nickelâ€“Cobalt Phosphide/Phosphate/Carbon Nanosheets for High-Performance Supercapacitors. ACS Applied Nano Materials, 2020, 3, 11945-11954. | 2.4 | 130 |
| 13 | Flake-like nickel/cobalt metal-organic framework as high-performance electrodes for supercapacitors. Journal of Materials Science: Materials in Electronics, 2020, 31, 16260-16268. | 1.1 | 12 |
| 14 | Flexible wire-shaped symmetric supercapacitors with Znâ€“Co layered double hydroxide nanosheets grown on Ag-coated cotton wire. Journal of Materials Science, 2020, 55, 16683-16696. | 1.7 | 12 |
| 15 | Formation of hollow-cubic Ni(OH)2/CuS2 nanocomposite via sacrificial template method for high performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2020, 31, 10489-10498. | 1.1 | 5 |
| 16 | Rubikâ€™s cube-like Ni3S4/CuS2 nanocomposite for high-performance supercapacitors. Journal of Alloys and Compounds, 2020, 847, 156312. | 2.8 | 65 |
| 17 | Oneâ€Step Synthesis of Nanostructured CoS<sub>2</sub> Grown on Titanium Carbide MXene for Highâ€Performance Asymmetrical Supercapacitors. Advanced Materials Interfaces, 2020, 7, 1901659. | 1.9 | 77 |
| 18 | Nickel/cobalt bimetallic metal-organic frameworks ultrathin nanosheets with enhanced performance for supercapacitors. Journal of Alloys and Compounds, 2020, 825, 154069. | 2.8 | 145 |

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|---|---|---|---|
| 19 | Threeâ€dimensional nanoporous copper with tunable structure prepared by dealloying titaniumâ€“copperâ€“cobalt metallic glasses for supercapacitors. Micro and Nano Letters, 2020, 15, 283-286. | 0.6 | 8 |
| 20 | Sustainable synthesis of N/S-doped porous carbon sheets derived from waste newspaper for high-performance asymmetric supercapacitor. Materials Research Express, 2019, 6, 095605. | 0.8 | 9 |
| 21 | Ultrathin Niâ€“Co LDH nanosheets grown on carbon fiber cloth via electrodeposition for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2019, 30, 13360-13371. | 1.1 | 45 |
| 22 | Hierarchical NiCo2S4@Ni3S2 core/shell nanorod arrays supported on carbon cloth for all-solid-state flexible asymmetric supercapacitors. Journal of Materials Science: Materials in Electronics, 2019, 30, 13462-13473. | 1.1 | 7 |
| 23 | Facile synthesis of CoNi2S4 nanoparticles grown on carbon fiber cloth for supercapacitor application. Journal of Materials Science: Materials in Electronics, 2019, 30, 19077-19086. | 1.1 | 23 |
| 24 | Fabrication of nanoporous NiO@CoO composites by dealloying method as ultra-high capacitance electrodes. Journal of Materials Science: Materials in Electronics, 2019, 30, 20311-20319. | 1.1 | 2 |
| 25 | One-Step Hydrothermal Synthesis of CoNi<sub>2</sub>S<sub>4</sub> for Hybrid Supercapacitor Electrodes. Nano, 2019, 14, 1950088. | 0.5 | 7 |
| 26 | Self-supported 3D layered zinc/nickel metal-organic-framework with enhanced performance for supercapacitors. Journal of Materials Science: Materials in Electronics, 2019, 30, 18101-18110. | 1.1 | 45 |
| 27 | Critical Analysis of an FeP Empirical Potential Employed to Study the Fracture of Metallic Glasses. Physical Review Letters, 2019, 122, 035501. | 2.9 | 19 |
| 28 | Atomic-level crystallization in selective laser melting fabricated Zr-based metallic glasses. Physical Chemistry Chemical Physics, 2019, 21, 12406-12413. | 1.3 | 20 |
| 29 | Nitrogen/Oxygen Coâ€Doped Hierarchically Porous Carbon for Highâ€Performance Potassium Storage. Chemistry - A European Journal, 2019, 25, 7359-7365. | 1.7 | 59 |
| 30 | Facile synthesis of N-doped activated carbon derived from cotton and CuCo2O4 nanoneedle arrays electrodes for all-solid-state asymmetric supercapacitor. Journal of Materials Science: Materials in Electronics, 2019, 30, 9877-9887. | 1.1 | 17 |
| 31 | Synthesis of Ultrathin MnO2 Nanosheets/Bagasse Derived Porous Carbon Composite for Supercapacitor with High Performance. Journal of Electronic Materials, 2019, 48, 3026-3035. | 1.0 | 14 |
| 32 | Hydrothermal Synthesis of Ni-MOF Vulcanized Derivatives for High-Performance Supercapacitors. Nano, 2019, 14, 1950032. | 0.5 | 22 |
| 33 | High performance fiber-shaped all-solid-state symmetric supercapacitor based on mesoporous CuCo2S4 nanosheets. Journal of Materials Science: Materials in Electronics, 2019, 30, 667-676. | 1.1 | 11 |
| 34 | Effect of nickel (Ni) on the growth rate of Cu6Sn5 intermetallic compounds between Snâ€“Cuâ€“Bi solder and Cu substrate. Journal of Materials Science: Materials in Electronics, 2019, 30, 2186-2191. | 1.1 | 20 |
| 35 | One-step hydrothermal synthesis of a CoS2@MoS2 nanocomposite for high-performance supercapacitors. Journal of Alloys and Compounds, 2018, 742, 844-851. | 2.8 | 84 |
| 36 | Facile synthesis of cuboid Ni-MOF for high-performance supercapacitors. Journal of Materials Science, 2018, 53, 6807-6818. | 1.7 | 193 |

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|---|---|---|---|
| 37 | Facile synthesis of Cu1.96S nanoparticles for enhanced energy density in flexible all-solid-state asymmetric supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 11187-11198. | 1.1 | 9 |
| 38 | CuCo2S4 nanotubes on carbon fiber papers for high-performance all-solid-state asymmetric supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 8636-8648. | 1.1 | 23 |
| 39 | Ni3S4 supported on carbon cloth for high-performance flexible all-solid-state asymmetric supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 2525-2536. | 1.1 | 39 |
| 40 | Polyhedral ternary oxide FeCo2O4: A new electrode material for supercapacitors. Journal of Alloys and Compounds, 2018, 735, 1339-1343. | 2.8 | 89 |
| 41 | Facile Synthesis of Agâ€Decorated Ni<sub>3</sub>S<sub>2</sub> Nanosheets with 3D Bush Structure Grown on rGO and Its Application as Positive Electrode Material in Asymmetric Supercapacitor. Advanced Materials Interfaces, 2018, 5, 1700985. | 1.9 | 96 |
| 42 | Facile synthesis of nickel metalâ€“organic framework derived hexagonal flaky NiO for supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 2477-2483. | 1.1 | 24 |
| 43 | All-solid-state asymmetric supercapacitor based on N-doped activated carbon derived from polyvinylidene fluoride and ZnCo2O4 nanosheet arrays. Journal of Materials Science: Materials in Electronics, 2018, 29, 2120-2130. | 1.1 | 10 |
| 44 | Synthesis of Cu2O by oxidation-assisted dealloying method for flexible all-solid-state asymmetric supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 2080-2090. | 1.1 | 19 |
| 45 | ZnO@Niâ€“Coâ€“S Coreâ€“Shell Nanorods-Decorated Carbon Fibers as Advanced Electrodes for High-Performance Supercapacitors. Nano, 2018, 13, 1850148. | 0.5 | 6 |
| 46 | Self-Supported Ni0.85Se Nanosheets Array on Carbon Fiber Cloth for a High-Performance Asymmetric Supercapacitor. Journal of Electronic Materials, 2018, 47, 7002-7010. | 1.0 | 21 |
| 47 | Activation properties of reticulate Ni3S2 electrode materials grown on nickel foam for high performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 20775-20782. | 1.1 | 1 |
| 48 | Effect of Silicon on the Microstructure and Performance of the New Binary Deep Eutectic Tiâ€“Cuâ€“Zrâ€“Ni-Based Filler Metal. Metals, 2018, 8, 481. | 1.0 | 1 |
| 49 | Ag-rGO content dependence of the mechanical, conductive and anti-corrosion properties of copper matrix composites. Materials Research Express, 2018, 5, 096523. | 0.8 | 4 |
| 50 | Effects of Carbonization Temperature on Nature of Nanostructured Electrode Materials Derived from Fe-MOF for Supercapacitors. Electronic Materials Letters, 2018, 14, 548-555. | 1.0 | 13 |
| 51 | Dandelion-like nickel/cobalt metal-organic framework based electrode materials for high performance supercapacitors. Journal of Colloid and Interface Science, 2018, 531, 83-90. | 5.0 | 277 |
| 52 | Facile synthesis of mesoporous ZnCo2O4 nanosheet arrays grown on rGO as binder-free electrode for high-performance asymmetric supercapacitor. Journal of Materials Science, 2018, 53, 16074-16085. | 1.7 | 23 |
| 53 | The effect of temperature on morphology and electrochemical properties of NiCo<sub>2</sub>S<sub>4</sub> by hydrothermal synthesis. Functional Materials Letters, 2018, 11, 1850063. | 0.7 | 1 |
| 54 | An Asymmetric Supercapacitor Based on Activated Porous Carbon Derived from Walnut Shells and NiCo<sub>2</sub>O<sub>4</sub> Nanoneedle Arrays Electrodes. Journal of Nanoscience and Nanotechnology, 2018, 18, 5600-5608. | 0.9 | 24 |

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|---|---|---|---|
| 55 | Polymorphic germanium films forming in slit nanopore. Computational Materials Science, 2017, 127, 187-193. | 1.4 | 1 |
| 56 | Graphene-like monolayer low-buckled honeycomb germanium film. Journal of Crystal Growth, 2017, 463, 187-193. | 0.7 | 0 |
| 57 | Influence of SnO2 Nanoparticles Addition on Microstructure, Thermal Analysis, and Interfacial IMC Growth of Sn1.0Ag0.7Cu Solder. Journal of Electronic Materials, 2017, 46, 4197-4205. | 1.0 | 21 |
| 58 | Microstructure of Al<sub>1.3</sub>CrFeNi eutectic high entropy alloy and oxidation behavior at 1000 Â°C. Journal of Materials Research, 2017, 32, 2109-2116. | 1.2 | 33 |
| 59 | Facile synthesis of copper sulfides with different shapes for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 10720-10729. | 1.1 | 10 |
| 60 | One-step hydrothermal synthesis of Ni3S4@MoS2 nanosheet on carbon fiber paper as a binder-free anode for supercapacitor. Journal of Materials Science: Materials in Electronics, 2017, 28, 12747-12754. | 1.1 | 43 |
| 61 | Cobalt oxide composites derived from zeolitic imidazolate framework for high-performance supercapacitor electrode. Journal of Materials Science: Materials in Electronics, 2017, 28, 14019-14025. | 1.1 | 24 |
| 62 | Copper matrix composites enhanced by silver/reduced graphene oxide hybrids. Materials Letters, 2017, 196, 354-357. | 1.3 | 45 |
| 63 | Facile synthesis of Ni3S2 and Co9S8 double-size nanoparticles decorated on rGO for high-performance supercapacitor electrode materials. Electrochimica Acta, 2017, 226, 69-78. | 2.6 | 101 |
| 64 | Mechanical enhancement of copper matrix composites with homogeneously dispersed graphene modified by silver nanoparticles. Journal of Alloys and Compounds, 2017, 729, 293-302. | 2.8 | 62 |
| 65 | Facile Construction of 3D Reduced Graphene Oxide Wrapped Ni<sub>3</sub>S<sub>2</sub> Nanoparticles on Ni Foam for Highâ€Performance Asymmetric Supercapacitor Electrodes. Particle and Particle Systems Characterization, 2017, 34, 1700196. | 1.2 | 30 |
| 66 | Oneâ€pot synthesis of flake Cu 1.81 S/C composite for highâ€performance supercapactiors electrodes. Micro and Nano Letters, 2017, 12, 87-89. | 0.6 | 2 |
| 67 | Wear behavior of in-situ TiC particles reinforced aluminum matrix composite. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 552-556. | 0.4 | 1 |
| 68 | Preparation and capacitance properties of Al-doped hierarchical TiO2 nanostructure by oxidation of Tiâ€“8Al alloy. Journal of Materials Science: Materials in Electronics, 2017, 28, 13770-13779. | 1.1 | 1 |
| 69 | Structure Dependence of Feâ€Co Hydroxides on Fe/Co Ratio and Their Application for Supercapacitors. Particle and Particle Systems Characterization, 2017, 34, 1600239. | 1.2 | 37 |
| 70 | Tensile mechanical properties of nano-layered copper/graphene composite. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 87, 233-236. | 1.3 | 34 |
| 71 | Influence of Brazing Technology on the Microstructure and Properties of YG20C cemented carbide and 16Mn steel joints. Welding in the World, Le Soudage Dans Le Monde, 2016, 60, 1269-1275. | 1.3 | 20 |
| 72 | Effects of pouring temperature on interfacial reaction between Ti-47.5Al-2.5V-1Cr alloy and mold during centrifugal casting. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1105-1108. | 0.4 | 5 |

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|---|---|---|---|
| 73 | Electrodeposition of Niâ€“Co double hydroxide composite nanosheets on Fe substrate for highâ€performance supercapacitor electrode. Micro and Nano Letters, 2016, 11, 837-839. | 0.6 | 5 |
| 74 | Co<sub>3</sub>O<sub>4</sub> nanocrystals derived from a zeolitic imidazolate framework on Ni foam as high-performance supercapacitor electrode material. RSC Advances, 2016, 6, 61803-61808. | 1.7 | 18 |
| 75 | Multilayer hexagonal silicon forming in slit nanopore. Scientific Reports, 2015, 5, 14792. | 1.6 | 6 |
| 76 | Wettability and Coalescence of Cu Droplets Subjected to Two-Wall Confinement. Scientific Reports, 2015, 5, 15190. | 1.6 | 14 |
| 77 | Layering transition in confined silicon. Nanoscale, 2014, 6, 4217. | 2.8 | 14 |
| 78 | Dewetting Properties of Metallic Liquid Film on Nanopillared Graphene. Scientific Reports, 2014, 4, 3938. | 1.6 | 22 |
| 79 | Liquid-liquid phase transition and structure inheritance in carbon films. Scientific Reports, 2014, 4, 3635. | 1.6 | 23 |
| 80 | Atomic insight into copper nanostructures nucleation on bending graphene. Physical Chemistry Chemical Physics, 2013, 15, 9163. | 1.3 | 13 |
| 81 | Wavelike deformation traveling on a carbon nanotube. Nanoscale, 2012, 4, 269-277. | 2.8 | 2 |