

Mira Park

List of Publications by Year in descending order

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151
papers

6,639
citations

47409

49
h-index

90395

73
g-index

151
all docs

151
docs citations

151
times ranked

8822
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis of metal nanoclusters and their application in Hg ²⁺ ions detection: A review. Journal of Hazardous Materials, 2022, 424, 127565. | 6.5 | 44 |
| 2 | Electrospun Nanofibers for Drug Delivery Applications. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 33-51. | 0.3 | 0 |
| 3 | Embellishing hierarchical 3D core-shell nanosheet arrays of ZnFe ₂ O ₄ @NiMoO ₄ onto rGO-Ni foam as a binder-free electrode for asymmetric supercapacitors with excellent electrochemical performance. Journal of Colloid and Interface Science, 2022, 610, 863-878. | 5.0 | 25 |
| 4 | Unlocking the potential of a novel hierarchical hybrid (Ni@Co)Se ₂ @NiMoO ₄ @rGO@NF core-shell electrode for high-performance hybrid supercapacitors. Journal of Materials Chemistry A, 2022, 10, 7999-8014. | 5.2 | 42 |
| 5 | Prussian Red Anions Immobilized Freestanding Three-Dimensional Porous Carbonaceous Networks: A New Avenue to Attain Capacitor- and Faradic-Type Electrodes in a Single Frame for 2.0 V Hybrid Supercapacitors. ACS Sustainable Chemistry and Engineering, 2022, 10, 2994-3006. | 3.2 | 24 |
| 6 | Photocatalytic Fuel Cells for Simultaneous Wastewater Treatment and Power Generation: Mechanisms, Challenges, and Future Prospects. Energies, 2022, 15, 3216. | 1.6 | 10 |
| 7 | Nitrogen and Sulfur Co-Doped Graphene Quantum Dots Anchored TiO ₂ Nanocomposites for Enhanced Photocatalytic Activity. Catalysts, 2022, 12, 548. | 1.6 | 12 |
| 8 | Lokta paper-derived free-standing carbon as a binder-free electrode material for high-performance supercapacitors. Sustainable Materials and Technologies, 2022, 33, e00450. | 1.7 | 7 |
| 9 | Approaches for enhancing the photocatalytic activities of barium titanate: A review. Journal of Energy Chemistry, 2022, 73, 160-188. | 7.1 | 33 |
| 10 | Eggshell membrane templated synthesis of Ni/MoC decorated carbon fibers with good electrochemical behavior. International Journal of Hydrogen Energy, 2021, 46, 2774-2782. | 3.8 | 28 |
| 11 | Prospects of Polymeric Nanofibers Loaded with Essential Oils for Biomedical and Food-Packaging Applications. International Journal of Molecular Sciences, 2021, 22, 4017. | 1.8 | 45 |
| 12 | Modish Designation of Hollow-Tubular rGO@NiMoO ₄ @Ni@Co@S Hybrid Core-shell Electrodes with Multichannel Superconductive Pathways for High-Performance Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2021, 13, 17487-17500. | 4.0 | 67 |
| 13 | Strategies to Use Nanofiber Scaffolds as Enzyme-Based Biocatalysts in Tissue Engineering Applications. Catalysts, 2021, 11, 536. | 1.6 | 6 |
| 14 | Numerical Investigation of Graphene as a Back Surface Field Layer on the Performance of Cadmium Telluride Solar Cell. Molecules, 2021, 26, 3275. | 1.7 | 18 |
| 15 | Recent Progress in Metal-Organic Framework-Derived Nanostructures in the Removal of Volatile Organic Compounds. Molecules, 2021, 26, 4948. | 1.7 | 21 |
| 16 | Engineering triangular bimetallic metal-organic-frameworks derived hierarchical zinc-nickel-cobalt oxide nanosheet arrays@reduced graphene oxide-Ni foam as a binder-free electrode for ultra-high rate performance supercapacitors and methanol electro-oxidation. Journal of Colloid and Interface Science, 2021, 602, 573-589. | 5.0 | 43 |
| 17 | Ag ₃ PO ₄ -TiO ₂ -Carbon nanofiber Composite: An efficient Visible-light photocatalyst obtained from electrospinning and hydrothermal methods. Separation and Purification Technology, 2021, 276, 119400. | 3.9 | 28 |
| 18 | Leaf-like integrated hierarchical NiCo ₂ O ₄ nanorods@Ni-Co-LDH nanosheets electrodes for high-rate asymmetric supercapacitors. Journal of Alloys and Compounds, 2021, 884, 161165. | 2.8 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Construction of self-supported bimetallic MOF-mediated hollow and porous tri-metallic selenide nanosheet arrays as battery-type electrodes for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23977-23993. | 5.2 | 34 |
| 20 | Electrospun Carbon Nanofibers Decorated with Ag ₃ PO ₄ Nanoparticles: Visible-Light-Driven Photocatalyst for the Photodegradation of Methylene Blue. <i>Photochem</i> , 2021, 1, 345-357. | 1.8 | 4 |
| 21 | Transformation of electrospun Keratin/PVA nanofiber membranes into multilayered 3D Scaffolds: Physiochemical studies and corneal implant applications. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121228. | 2.6 | 15 |
| 22 | An electrochemically reduced ultra-high mass loading three-dimensional carbon nanofiber network: a high energy density symmetric supercapacitor with a reproducible and stable cell voltage of 2.0 V. <i>Nanoscale</i> , 2021, 13, 19537-19548. | 2.8 | 27 |
| 23 | Surface Modified Activated Carbons: Sustainable Bio-Based Materials for Environmental Remediation. <i>Nanomaterials</i> , 2021, 11, 3140. | 1.9 | 31 |
| 24 | Hydrothermal synthesis of Ag ₂ CO ₃ -TiO ₂ loaded reduced graphene oxide nanocomposites with highly efficient photocatalytic activity. <i>Chemical Engineering Communications</i> , 2020, 207, 688-695. | 1.5 | 12 |
| 25 | Agro-Waste Derived Biomass Impregnated with TiO ₂ as a Potential Adsorbent for Removal of As(III) from Water. <i>Catalysts</i> , 2020, 10, 1125. | 1.6 | 26 |
| 26 | One-pot synthesis, characterization, and electrochemical studies of tin-nickel sulfide hybrid structures on nickel foam for supercapacitor applications. <i>Journal of Energy Storage</i> , 2020, 32, 101954. | 3.9 | 27 |
| 27 | Synthesis and Characterization of ZnO-TiO ₂ /Carbon Fiber Composite with Enhanced Photocatalytic Properties. <i>Nanomaterials</i> , 2020, 10, 1960. | 1.9 | 51 |
| 28 | Role of Phase Change Materials Containing Carbonized Rice husks on the Roof-Surface and Indoor Temperatures for Cool Roof System Application. <i>Molecules</i> , 2020, 25, 3280. | 1.7 | 7 |
| 29 | Decoration of Zinc Oxide Nanorods into the Surface of Activated Carbon Obtained from Agricultural Waste for Effective Removal of Methylene Blue Dye. <i>Materials</i> , 2020, 13, 5667. | 1.3 | 20 |
| 30 | Towards the Enhancement in Photocatalytic Performance of Ag ₃ PO ₄ Nanoparticles through Sulfate Doping and Anchoring on Electrospun Nanofibers. <i>Nanomaterials</i> , 2020, 10, 929. | 1.9 | 14 |
| 31 | Enhanced Antibacterial Property of Sulfate-Doped Ag ₃ PO ₄ Nanoparticles Supported on PAN Electrospun Nanofibers. <i>Molecules</i> , 2020, 25, 1411. | 1.7 | 12 |
| 32 | Fe ^{1±} xS Modified TiO ₂ NPs Embedded Carbon Nanofiber Composite via Electrospinning: A Potential Electrode Material for Supercapacitors. <i>Molecules</i> , 2020, 25, 1075. | 1.7 | 21 |
| 33 | Characterization and antibacterial activity of rice grain-shaped ZnS nanoparticles immobilized inside the polymer electrospun nanofibers. <i>Advanced Composites and Hybrid Materials</i> , 2020, 3, 8-15. | 9.9 | 47 |
| 34 | Cavity-like hierarchical architecture of WS ₂ /NiMoO ₄ electrodes for supercapacitor application. <i>Ceramics International</i> , 2020, 46, 19022-19027. | 2.3 | 40 |
| 35 | Ternary Composite of Co-Doped CdSe@electrospun Carbon Nanofibers: A Novel Reusable Visible Light-Driven Photocatalyst with Enhanced Performance. <i>Catalysts</i> , 2020, 10, 348. | 1.6 | 18 |
| 36 | Vapor solid phase grown hierarchical Cu _x O NWs integrated MOFs-derived CoS ₂ electrode for high-performance asymmetric supercapacitors and the oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2020, 399, 125532. | 6.6 | 55 |

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|----|---|-----|-----------|
| 37 | One-Step Synthesis of Silver Nanoparticles Embedded Polyurethane Nano-Fiber/Net Structured Membrane as an Effective Antibacterial Medium. <i>Polymers</i> , 2019, 11, 1185. | 2.0 | 57 |
| 38 | Drug Delivery Applications of Core-Sheath Nanofibers Prepared by Coaxial Electrospinning: A Review. <i>Pharmaceutics</i> , 2019, 11, 305. | 2.0 | 259 |
| 39 | Recent Advances in TiO ₂ Films Prepared by Sol-gel Methods for Photocatalytic Degradation of Organic Pollutants and Antibacterial Activities. <i>Coatings</i> , 2019, 9, 613. | 1.2 | 99 |
| 40 | Recent Advances in Organic Thermoelectric Materials: Principle Mechanisms and Emerging Carbon-Based Green Energy Materials. <i>Polymers</i> , 2019, 11, 167. | 2.0 | 79 |
| 41 | Recent Trends of Foaming in Polymer Processing: A Review. <i>Polymers</i> , 2019, 11, 953. | 2.0 | 180 |
| 42 | TiO ₂ NPs Assembled into a Carbon Nanofiber Composite Electrode by a One-Step Electrospinning Process for Supercapacitor Applications. <i>Polymers</i> , 2019, 11, 899. | 2.0 | 78 |
| 43 | Implication of thermally conductive nanodiamond-interspersed graphite nanoplatelet hybrids in thermoset composites with superior thermal management capability. <i>Scientific Reports</i> , 2019, 9, 2893. | 1.6 | 23 |
| 44 | Sound Absorption and Insulation Properties of a Polyurethane Foam Mixed with Electrospun Nylon-6 and Polyurethane Nanofibre Mats. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3558-3563. | 0.9 | 22 |
| 45 | MoS ₂ /CdS/TiO ₂ ternary composite incorporated into carbon nanofibers for the removal of organic pollutants from water. <i>Inorganic Chemistry Communication</i> , 2019, 102, 113-119. | 1.8 | 26 |
| 46 | Current Progress on the Surface Chemical Modification of Carbonaceous Materials. <i>Coatings</i> , 2019, 9, 103. | 1.2 | 85 |
| 47 | Fly-ash-incorporated electrospun zinc oxide nanofibers: Potential material for environmental remediation. <i>Environmental Pollution</i> , 2019, 245, 163-172. | 3.7 | 63 |
| 48 | Optimization of the pore structure of PAN-based carbon fibers for enhanced supercapacitor performances via electrospinning. <i>Composites Part B: Engineering</i> , 2019, 161, 10-17. | 5.9 | 62 |
| 49 | Preparation and characterization of carbon black/pitch-based carbon fiber paper composites for gas diffusion layers. <i>Composites Part B: Engineering</i> , 2019, 159, 362-368. | 5.9 | 26 |
| 50 | Carbon nanofibers wrapped with zinc oxide nano-flakes as promising electrode material for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 40-47. | 5.0 | 92 |
| 51 | Effective strategies for anode surface modification for power harvesting and industrial wastewater treatment using microbial fuel cells. <i>Journal of Environmental Management</i> , 2018, 206, 228-235. | 3.8 | 18 |
| 52 | Electrospun salicylic acid/polyurethane composite nanofibers for biomedical applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 739-744. | 1.8 | 26 |
| 53 | Environment-friendly, durable, electro-conductive, and highly transparent heaters based on silver nanowire functionalized keratin nanofiber textiles. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7847-7854. | 2.7 | 17 |
| 54 | Effect of hydrophilic graphite flake on thermal conductivity and fracture toughness of basalt fibers/epoxy composites. <i>Composites Part B: Engineering</i> , 2018, 153, 9-16. | 5.9 | 60 |

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|----|---|-----|-----------|
| 55 | Thermal and curl properties of PET/PP blend fibres compatibilized with EAG ternary copolymer. Bulletin of Materials Science, 2018, 41, 1. | 0.8 | 2 |
| 56 | Synthesis, characterization, and photocatalytic performances of electrospun cadmium titanate nanofibers immobilized into the reduced graphene oxide sheets. Materials Letters, 2018, 228, 365-368. | 1.3 | 8 |
| 57 | Insight into the precursor nanofibers on the flexibility of $\text{La}_{2}\text{O}_{3}\text{-ZrO}_{2}$ nanofibrous membranes. E-Polymers, 2017, 17, 243-248. | 1.3 | 10 |
| 58 | Highly flexible, erosion resistant and nitrogen doped hollow SiC fibrous mats for high temperature thermal insulators. Journal of Materials Chemistry A, 2017, 5, 2664-2672. | 5.2 | 77 |
| 59 | Synthesis and characterization of reduced graphene oxide decorated with CeO ₂ -doped MnO ₂ nanorods for supercapacitor applications. Journal of Colloid and Interface Science, 2017, 494, 338-344. | 5.0 | 118 |
| 60 | Characterization of pitch prepared from pyrolysis fuel oil via electron beam irradiation. Radiation Physics and Chemistry, 2017, 135, 127-132. | 1.4 | 6 |
| 61 | Rational designed strategy to dispel mutual interference of mercuric and ferric ions towards robust, pH-stable fluorescent carbon nanodots. Analyst, The, 2017, 142, 1149-1156. | 1.7 | 20 |
| 62 | Novel magnetically separable silver-iron oxide nanoparticles decorated graphitic carbon nitride nano-sheets: A multifunctional photocatalyst via one-step hydrothermal process. Journal of Colloid and Interface Science, 2017, 496, 343-352. | 5.0 | 60 |
| 63 | Moderated surface defects of Ni particles encapsulated with NiO nanofibers as supercapacitor with high capacitance and energy density. Journal of Colloid and Interface Science, 2017, 500, 155-163. | 5.0 | 66 |
| 64 | Electricity generation from real industrial wastewater using a single-chamber air cathode microbial fuel cell with an activated carbon anode. Bioprocess and Biosystems Engineering, 2017, 40, 1151-1161. | 1.7 | 18 |
| 65 | A facile ultrasonic-assisted fabrication of nitrogen-doped carbon dots/BiOBr up-conversion nanocomposites for visible light photocatalytic enhancements. Scientific Reports, 2017, 7, 45086. | 1.6 | 64 |
| 66 | CdS-TiO ₂ NPs decorated carbonized eggshell membrane for effective removal of organic pollutants: A novel strategy to use a waste material for environmental remediation. Journal of Alloys and Compounds, 2017, 699, 73-78. | 2.8 | 47 |
| 67 | Silver nanoparticles decorated Mn ₂ O ₃ hybrid nanofibers via electrospinning: Towards the development of new bactericides with synergistic effect. Materials Chemistry and Physics, 2017, 189, 70-75. | 2.0 | 8 |
| 68 | One-pot synthesis of Ag ₃ PO ₄ /MoS ₂ nanocomposite with highly efficient photocatalytic activity. Journal of Environmental Chemical Engineering, 2017, 5, 5521-5527. | 3.3 | 23 |
| 69 | Investigating the effect of membrane layers on the cathode potential of air-cathode microbial fuel cells. International Journal of Hydrogen Energy, 2017, 42, 24308-24318. | 3.8 | 7 |
| 70 | Transparent nanofiber textiles with intercalated ZnO@graphene QD LEDs for wearable electronics. Composites Part B: Engineering, 2017, 130, 70-75. | 5.9 | 25 |
| 71 | Mechanical and optical properties of electrospun nylon-6,6 nanofiber reinforced cyclic butylene terephthalate composites. Journal of Industrial and Engineering Chemistry, 2017, 55, 35-39. | 2.9 | 26 |
| 72 | Carbon quantum dots incorporated keratin/polyvinyl alcohol hydrogels: Preparation and photoluminescent assessment. Materials Letters, 2017, 207, 57-61. | 1.3 | 19 |

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|----|---|-----|-----------|
| 73 | Ultrahigh electromagnetic interference shielding performance of lightweight, flexible, and highly conductive copper-clad carbon fiber nonwoven fabrics. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7853-7861. | 2.7 | 105 |
| 74 | Hair growth promoting activity of discarded biocomposite keratin extract. <i>Journal of Biomaterials Applications</i> , 2017, 32, 230-241. | 1.2 | 5 |
| 75 | Preparation and characterization of eggshell membrane/PVA hydrogel via electron beam irradiation technique. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 41-45. | 2.9 | 30 |
| 76 | Immobilization of Ag ₃ PO ₄ nanoparticles on electrospun PAN nanofibers via surface oximation: Bifunctional composite membrane with enhanced photocatalytic and antimicrobial activities. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 277-286. | 2.9 | 59 |
| 77 | Graphite Sheets as High-Performance Low-Cost Anodes for Microbial Fuel Cells Using Real Food Wastewater. <i>Chemical Engineering and Technology</i> , 2017, 40, 2243-2250. | 0.9 | 40 |
| 78 | Cobalt oxides-sheathed cobalt nano flakes to improve surface properties of carbonaceous electrodes utilized in microbial fuel cells. <i>Chemical Engineering Journal</i> , 2017, 326, 497-506. | 6.6 | 51 |
| 79 | Green synthesis of fluorescent carbon dots from carrot juice for in vitro cellular imaging. <i>Carbon Letters</i> , 2017, 21, 61-67. | 3.3 | 68 |
| 80 | Dyeing of electrospun nylon 6 nanofibers with reactive dyes using electron beam irradiation. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 39, 16-20. | 2.9 | 12 |
| 81 | In-situ synthesis of nanofibers with various ratios of BiOCl _x /BiOBry/BiOlz for effective trichloroethylene photocatalytic degradation. <i>Applied Surface Science</i> , 2016, 384, 192-199. | 3.1 | 100 |
| 82 | Preparation of flower-like TiO ₂ sphere/reduced graphene oxide composites for photocatalytic degradation of organic pollutants. <i>Journal of Solid State Chemistry</i> , 2016, 239, 91-98. | 1.4 | 52 |
| 83 | Biocompatible and photoluminescent keratin/poly(vinyl alcohol)/carbon quantum dot nanofiber: A novel multipurpose electrospun mat. <i>Macromolecular Research</i> , 2016, 24, 924-930. | 1.0 | 21 |
| 84 | Ag-ZnO photocatalyst anchored on carbon nanofibers: Synthesis, characterization, and photocatalytic activities. <i>Synthetic Metals</i> , 2016, 220, 533-537. | 2.1 | 87 |
| 85 | Effects of Microporosity and Surface Chemistry on Separation Performances of N-Containing Pitch-Based Activated Carbons for CO ₂ /N ₂ Binary Mixture. <i>Scientific Reports</i> , 2016, 6, 23224. | 1.6 | 59 |
| 86 | Environment friendly, transparent nanofiber textiles consolidated with high efficiency PLEDs for wearable electronics. <i>Organic Electronics</i> , 2016, 36, 89-96. | 1.4 | 25 |
| 87 | One-pot synthesis of CdS sensitized TiO ₂ decorated reduced graphene oxide nanosheets for the hydrolysis of ammonia-borane and the effective removal of organic pollutant from water. <i>Ceramics International</i> , 2016, 42, 15247-15252. | 2.3 | 44 |
| 88 | Supercapacitors based on ternary nanocomposite of TiO ₂ &Pt@graphenes. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3894-3900. | 1.1 | 8 |
| 89 | In-situ synthesis of graphene oxide/BiOCl heterostructured nanofibers for visible-light photocatalytic investigation. <i>Journal of Alloys and Compounds</i> , 2016, 686, 106-114. | 2.8 | 66 |
| 90 | Photoluminescent and transparent Nylon-6 nanofiber mat composited by CdSe@ZnS quantum dots and poly (methyl methacrylate). <i>Polymer</i> , 2016, 85, 89-95. | 1.8 | 9 |

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|-----|---|-----|-----------|
| 91 | Effective photocatalytic efficacy of hydrothermally synthesized silver phosphate decorated titanium dioxide nanocomposite fibers. <i>Journal of Colloid and Interface Science</i> , 2016, 465, 225-232. | 5.0 | 55 |
| 92 | General one-pot strategy to prepare Ag@TiO ₂ decorated reduced graphene oxide nanocomposites for chemical and biological disinfectant. <i>Journal of Alloys and Compounds</i> , 2016, 671, 51-59. | 2.8 | 103 |
| 93 | Nano-engineered ZnO/CeO ₂ dots@CNFs for fuel cell application. <i>Arabian Journal of Chemistry</i> , 2016, 9, 219-228. | 2.3 | 40 |
| 94 | Photocatalytic degradation and antibacterial investigation of nano synthesized Ag ₃ VO ₄ particles @PAN nanofibers. <i>Carbon Letters</i> , 2016, 18, 30-36. | 3.3 | 28 |
| 95 | High Strength Electrospun Nanofiber Mats via CNT Reinforcement: A Review. <i>Composites Research</i> , 2016, 29, 186-193. | 0.1 | 9 |
| 96 | Synthesis and Photocatalytic Activity of Ag ₃ VO ₄ NPs Decorated PAN Nanofibers. , 2016, , . | | 0 |
| 97 | Capacitance of MnO ₂ Micro-flowers Decorated CNFs in Alkaline Electrolyte and Its Bi-functional Electro-catalytic Activity Toward Hydrazine Oxidation. , 2016, , . | | 0 |
| 98 | Effect of discarded keratin-based biocomposite hydrogels on the wound healing process in vivo. <i>Materials Science and Engineering C</i> , 2015, 55, 88-94. | 3.8 | 71 |
| 99 | Carbon quantum dots anchored TiO ₂ nanofibers: Effective photocatalyst for waste water treatment. <i>Ceramics International</i> , 2015, 41, 11953-11959. | 2.3 | 166 |
| 100 | Fabrication and durable antibacterial properties of electrospun chitosan nanofibers with silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 638-643. | 3.6 | 59 |
| 101 | Influence of orientation on ordered microstructure of PAN-based fibers during electron beam irradiation stabilization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 120-122. | 2.9 | 18 |
| 102 | Characterization and antibacterial properties of aminophenol grafted and Ag NPs decorated graphene nanocomposites. <i>Ceramics International</i> , 2015, 41, 5656-5662. | 2.3 | 50 |
| 103 | Synthesis and characterization of Co/SrCO ₃ nanorods-decorated carbon nanofibers as novel electrocatalyst for methanol oxidation in alkaline medium. <i>Ceramics International</i> , 2015, 41, 6575-6582. | 2.3 | 39 |
| 104 | Preparation and characterization of optically transparent and photoluminescent electrospun nanofiber composed of carbon quantum dots and polyacrylonitrile blend with polyacrylic acid. <i>Polymer</i> , 2015, 59, 35-41. | 1.8 | 44 |
| 105 | Keratin/poly (vinyl alcohol) blended nanofibers with high optical transmittance. <i>Polymer</i> , 2015, 58, 146-152. | 1.8 | 51 |
| 106 | Novel preparation and characterization of human hair-based nanofibers using electrospinning process. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 45-48. | 3.6 | 19 |
| 107 | Easy preparation and characterization of graphene using liquid nitrogen and electron beam irradiation. <i>Materials Letters</i> , 2015, 149, 15-17. | 1.3 | 10 |
| 108 | Role of electron beam irradiation on superabsorbent behaviors of carboxymethyl cellulose. <i>Research on Chemical Intermediates</i> , 2015, 41, 6815-6823. | 1.3 | 3 |

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|-----|---|-----|-----------|
| 109 | Synthesis and characterization of photocatalytic and antibacterial PAN/Ag ₂ CO ₃ composite nanofibers by ion exchange method. <i>Fibers and Polymers</i> , 2015, 16, 1336-1342. | 1.1 | 13 |
| 110 | Ultrafine formation of optically transparent polyacrylonitrile/polyacrylic acid nanofibre fibrils via electrospinning at high relative humidity. <i>Composites Science and Technology</i> , 2015, 117, 404-409. | 3.8 | 24 |
| 111 | Effect of TiO ₂ on photocatalytic activity of polyvinylpyrrolidone fabricated via electrospinning. <i>Composites Part B: Engineering</i> , 2015, 80, 355-360. | 5.9 | 48 |
| 112 | One-step synthesis of robust nitrogen-doped carbon dots: acid-evoked fluorescence enhancement and their application in Fe ³⁺ detection. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17747-17754. | 5.2 | 181 |
| 113 | Facile synthesis of luminescent and amorphous La ₂ O ₃ •ZrO ₂ :Eu ³⁺ nanofibrous membranes with robust softness. <i>Nanoscale</i> , 2015, 7, 14248-14253. | 2.8 | 16 |
| 114 | Electrospun composite nanofibers of polyacrylonitrile and Ag ₂ CO ₃ nanoparticles for visible light photocatalysis and antibacterial applications. <i>Journal of Materials Science</i> , 2015, 50, 4477-4485. | 1.7 | 33 |
| 115 | PAN electrospun nanofibers reinforced with Ag ₂ CO ₃ nanoparticles: Highly efficient visible light photocatalyst for photodegradation of organic contaminants in waste water. <i>Macromolecular Research</i> , 2015, 23, 149-155. | 1.0 | 20 |
| 116 | High-efficiency super capacitors based on hetero-structured Zn-MnO ₂ nanorods. <i>Journal of Alloys and Compounds</i> , 2015, 642, 210-215. | 2.8 | 51 |
| 117 | Synthesis of carbon quantum dots from cabbage with down- and up-conversion photoluminescence properties: excellent imaging agent for biomedical applications. <i>Green Chemistry</i> , 2015, 17, 3791-3797. | 4.6 | 337 |
| 118 | Facile electrospun Polyacrylonitrile/poly(acrylic acid) nanofibrous membranes for high efficiency particulate air filtration. <i>Fibers and Polymers</i> , 2015, 16, 629-633. | 1.1 | 80 |
| 119 | Electrospun polymeric nanofibers encapsulated with nanostructured materials and their applications: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 1-13. | 2.9 | 69 |
| 120 | Thermal property and latent heat energy storage behavior of sodium acetate trihydrate composites containing expanded graphite and carboxymethyl cellulose for phase change materials. <i>Applied Thermal Engineering</i> , 2015, 75, 978-983. | 3.0 | 108 |
| 121 | Electrospun ZnO hybrid nanofibers for photodegradation of wastewater containing organic dyes: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 26-35. | 2.9 | 136 |
| 122 | Fabrication of PdS/ZnS NPs doped PVAc hybrid electrospun nanofibers: Effective and reusable catalyst for dye photodegradation. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 298-302. | 2.9 | 19 |
| 123 | Preparation and photocatalytic activity of fly ash incorporated TiO ₂ nanofibers for effective removal of organic pollutants. <i>Ceramics International</i> , 2015, 41, 1771-1777. | 2.3 | 64 |
| 124 | An overview of new oxidation methods for polyacrylonitrile-based carbon fibers. <i>Carbon Letters</i> , 2015, 16, 11-18. | 3.3 | 33 |
| 125 | Influence of oxidative atmosphere of the electron beam irradiation on cyclization of PAN-based fibers. <i>Carbon Letters</i> , 2015, 16, 219-221. | 3.3 | 7 |
| 126 | Experimental study on synthesis of Co/CeO ₂ -doped carbon nanofibers and its performance in supercapacitors. <i>Carbon Letters</i> , 2015, 16, 270-274. | 3.3 | 13 |

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|-----|--|-----|-----------|
| 127 | Combined effect of corona discharge and enzymatic treatment on the mechanical and surface properties of wool. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 179-183. | 2.9 | 19 |
| 128 | Facile preparation and characterization of poly(vinyl alcohol)/chitosan/graphene oxide biocomposite nanofibers. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 4415-4420. | 2.9 | 119 |
| 129 | Incorporation of cadmium sulfide nanoparticles on the cadmium titanate nanofibers for enhanced organic dye degradation and hydrogen release. <i>Ceramics International</i> , 2014, 40, 1553-1559. | 2.3 | 45 |
| 130 | Antimicrobial activity of electrospun polyurethane nanofibers containing composite materials. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 855-860. | 1.2 | 9 |
| 131 | Electrospun Ag-CoF doped PU nanofibers: Effective visible light catalyst for photodegradation of organic dyes. <i>Macromolecular Research</i> , 2014, 22, 895-900. | 1.0 | 7 |
| 132 | Preparation and characterization of chitosan-based nanofibers by ecofriendly electrospinning. <i>Materials Letters</i> , 2014, 132, 23-26. | 1.3 | 32 |
| 133 | Synthesis and photocatalytic activities of CdS/TiO ₂ nanoparticles supported on carbon nanofibers for high efficient adsorption and simultaneous decomposition of organic dyes. <i>Journal of Colloid and Interface Science</i> , 2014, 434, 159-166. | 5.0 | 98 |
| 134 | Enhanced electrical properties of electrospun nylon66 nanofibers containing carbon nanotube fillers and Ag nanoparticles. <i>Fibers and Polymers</i> , 2014, 15, 918-923. | 1.1 | 7 |
| 135 | Bactericidal efficacy of electrospun rosin/poly(É-caprolactone) nanofibers. <i>Macromolecular Research</i> , 2014, 22, 139-145. | 1.0 | 3 |
| 136 | Preparation and characterization of polyacrylonitrile-based carbon fibers produced by electron beam irradiation pretreatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3789-3792. | 2.9 | 53 |
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