

Fatma Yalcinkaya

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,060
citations

361413

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h-index

434195

31
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37
all docs

37
docs citations

37
times ranked

1007
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Chemical Cleaning Process of Polymeric Nanofibrous Membranes. <i>Polymers</i> , 2022, 14, 1102. | 4.5 | 4 |
| 2 | Hydrophilic Surface-Modified PAN Nanofibrous Membranes for Efficient Oil/Water Emulsion Separation. <i>Polymers</i> , 2021, 13, 197. | 4.5 | 31 |
| 3 | Fouling and Chemical Cleaning of Microfiltration Membranes: A Mini-Review. <i>Polymers</i> , 2021, 13, 846. | 4.5 | 102 |
| 4 | Electrospun Antibacterial Nanomaterials for Wound Dressings Applications. <i>Membranes</i> , 2021, 11, 908. | 3.0 | 27 |
| 5 | Electron-Beam Irradiation of the PLLA/CMS/ β -TCP Composite Nanofibers Obtained by Electrospinning. <i>Polymers</i> , 2020, 12, 1593. | 4.5 | 7 |
| 6 | PVDF nanofibrous membranes modified via laser-synthesized Ag nanoparticles for a cleaner oily water separation. <i>Applied Surface Science</i> , 2020, 526, 146575. | 6.1 | 13 |
| 7 | A Review on Membrane Technology and Chemical Surface Modification for the Oily Wastewater Treatment. <i>Materials</i> , 2020, 13, 493. | 2.9 | 124 |
| 8 | Polyvinyl Butyral (PVB) Nanofiber/Nanoparticle-Covered Yarns for Antibacterial Textile Surfaces. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4317. | 4.1 | 16 |
| 9 | Fabrication and Characterization of Carboxymethyl Starch/Poly(L-Lactide) Acid/ β -Tricalcium Phosphate Composite Nanofibers via Electrospinning. <i>Polymers</i> , 2019, 11, 1468. | 4.5 | 18 |
| 10 | Surface-Modified Nanofibrous PVDF Membranes for Liquid Separation Technology. <i>Materials</i> , 2019, 12, 2702. | 2.9 | 24 |
| 11 | Electrospun Polyacrylonitrile Nanofibrous Membranes for Point-of-Use Water and Air Cleaning. <i>ChemistryOpen</i> , 2019, 8, 97-103. | 1.9 | 49 |
| 12 | Influence of Electrospinning Parameters on the Hydrophilicity of Electrospun Polycaprolactone Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7251-7260. | 0.9 | 23 |
| 13 | Electrospun Polyamide-6 Nanofiber Hybrid Membranes for Wastewater Treatment. <i>Fibers and Polymers</i> , 2019, 20, 93-99. | 2.1 | 18 |
| 14 | A review on advanced nanofiber technology for membrane distillation. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501882490. | 1.0 | 38 |
| 15 | Preparation of various nanofiber layers using wire electrospinning system. <i>Arabian Journal of Chemistry</i> , 2019, 12, 5162-5172. | 4.9 | 44 |
| 16 | Electrospinning of carboxymethyl starch/poly(L-lactide acid) composite nanofiber. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1843-1851. | 3.2 | 26 |
| 17 | Effect of argon plasma treatment on hydrophilic stability of nanofiber webs. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46751. | 2.6 | 13 |
| 18 | Incorporation of PVDF Nanofibre Multilayers into Functional Structure for Filtration Applications. <i>Nanomaterials</i> , 2018, 8, 771. | 4.1 | 30 |

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|----|--|-----|-----------|
| 19 | Effect of Laminating Pressure on Polymeric Multilayer Nanofibrous Membranes for Liquid Filtration. <i>Nanomaterials</i> , 2018, 8, 272. | 4.1 | 27 |
| 20 | Analysis of the effects of rotating roller speed on a roller electrospinning system. <i>Textile Research Journal</i> , 2017, 87, 913-928. | 2.2 | 14 |
| 21 | Surface modification of electrospun nanofibrous membranes for oily wastewater separation. <i>RSC Advances</i> , 2017, 7, 56704-56712. | 3.6 | 40 |
| 22 | Quantitative evaluation of antibacterial activities of nanoparticles (ZnO, TiO ₂), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T incorporated into polyvinyl butyral nanofibers. <i>Polymers for Advanced Technologies</i> , 2017, 28, 137-140. | 3.2 | 39 |
| 23 | Preparation of various nanofibrous composite membranes using wire electrospinning for oil-water separation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 254, 102011. | 0.6 | 6 |
| 24 | Preparation of Fouling-Resistant Nanofibrous Composite Membranes for Separation of Oily Wastewater. <i>Polymers</i> , 2017, 9, 679. | 4.5 | 30 |
| 25 | Mechanically enhanced electrospun nanofibers for wastewater treatment. <i>E3S Web of Conferences</i> , 2017, 22, 00193. | 0.5 | 7 |
| 26 | Effect of Nanofibrous Membrane Structures on the Treatment of Wastewater Microfiltration. <i>Science of Advanced Materials</i> , 2017, 9, 747-757. | 0.7 | 26 |
| 27 | Preparation of Antibacterial Nanofibre/Nanoparticle Covered Composite Yarns. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7. | 2.7 | 24 |
| 28 | Thin Film Nanofibrous Composite Membrane for Dead-End Seawater Desalination. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12. | 2.7 | 14 |
| 29 | Surface Modification of Electrospun PVDF/PAN Nanofibrous Layers by Low Vacuum Plasma Treatment. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-9. | 2.7 | 37 |
| 30 | Influence of Salts on Electrospinning of Aqueous and Nonaqueous Polymer Solutions. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12. | 2.7 | 33 |
| 31 | Experimental study on electrospun polyvinyl butyral nanofibers using a non-solvent system. <i>Fibers and Polymers</i> , 2015, 16, 2544-2551. | 2.1 | 10 |
| 32 | Measurement and analysis of jet current and jet life in roller electrospinning of polyurethane. <i>Textile Research Journal</i> , 2014, 84, 1720-1728. | 2.2 | 11 |
| 33 | On the Measured Current in Needle- and Needleless Electrospinning. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4672-4679. | 0.9 | 15 |
| 34 | Electrospinning of polyvinyl butyral in different solvents. <i>E-Polymers</i> , 2013, 13, . | 3.0 | 24 |
| 35 | On the Nature of Electric Current in the Electrospinning Process. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-10. | 2.7 | 18 |
| 36 | Comparison between the Needle and Roller Electrospinning of Polyvinylbutyral. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6. | 2.7 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 37 | Optimisation of thin film composite nanofiltration membranes based on laminated nanofibrous and nonwoven supporting material. , 0, 59, 19-30. | | 14 |