

# Fatma Yalcinkaya

## List of Publications by Year in descending order

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37  
papers

1,060  
citations

361413

20  
h-index

434195

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1007  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Membrane Technology and Chemical Surface Modification for the Oily Wastewater Treatment. <i>Materials</i> , 2020, 13, 493.	2.9	124
2	Fouling and Chemical Cleaning of Microfiltration Membranes: A Mini-Review. <i>Polymers</i> , 2021, 13, 846.	4.5	102
3	Comparison between the Needle and Roller Electrospinning of Polyvinylbutyral. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	64
4	Electrospun Polyacrylonitrile Nanofibrous Membranes for Point-of-Use Water and Air Cleaning. <i>ChemistryOpen</i> , 2019, 8, 97-103.	1.9	49
5	Preparation of various nanofiber layers using wire electrospinning system. <i>Arabian Journal of Chemistry</i> , 2019, 12, 5162-5172.	4.9	44
6	Surface modification of electrospun nanofibrous membranes for oily wastewater separation. <i>RSC Advances</i> , 2017, 7, 56704-56712.	3.6	40
7	Quantitative evaluation of antibacterial activities of nanoparticles (ZnO, TiO <sub>2</sub> ) incorporated into polyvinyl butyral nanofibers. <i>Polymers for Advanced Technologies</i> , 2017, 28, 137-140.	3.2	39
8	A review on advanced nanofiber technology for membrane distillation. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501882490.	1.0	38
9	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
10	Influence of Salts on Electrospinning of Aqueous and Nonaqueous Polymer Solutions. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	2.7	33
11	Hydrophilic Surface-Modified PAN Nanofibrous Membranes for Efficient Oil-in-Water Emulsion Separation. <i>Polymers</i> , 2021, 13, 197.	4.5	31
12	Preparation of Fouling-Resistant Nanofibrous Composite Membranes for Separation of Oily Wastewater. <i>Polymers</i> , 2017, 9, 679.	4.5	30
13	Incorporation of PVDF Nanofibre Multilayers into Functional Structure for Filtration Applications. <i>Nanomaterials</i> , 2018, 8, 771.	4.1	30
14	Effect of Laminating Pressure on Polymeric Multilayer Nanofibrous Membranes for Liquid Filtration. <i>Nanomaterials</i> , 2018, 8, 272.	4.1	27
15	Electrospun Antibacterial Nanomaterials for Wound Dressings Applications. <i>Membranes</i> , 2021, 11, 908.	3.0	27
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 Nanofibrous Membrane Structures on the Treatment of Wastewater Microfiltration. <i>Science of Advanced Materials</i> , 2017, 9, 747-757.	0.7	26
18	Electrospinning of polyvinyl butyral in different solvents. <i>E-Polymers</i> , 2013, 13, .	3.0	24

#	ARTICLE	IF	CITATIONS
19	Preparation of Antibacterial Nanofibre/Nanoparticle Covered Composite Yarns. Journal of Nanomaterials, 2016, 2016, 1-7.	2.7	24
20	Surface-Modified Nanofibrous PVDF Membranes for Liquid Separation Technology. Materials, 2019, 12, 2702.	2.9	24
21	Influence of Electrospinning Parameters on the Hydrophilicity of Electrospun Polycaprolactone Nanofibres. Journal of Nanoscience and Nanotechnology, 2019, 19, 7251-7260.	0.9	23
22	On the Nature of Electric Current in the Electrospinning Process. Journal of Nanomaterials, 2013, 2013, 1-10.	2.7	18
23	Fabrication and Characterization of Carboxymethyl Starch/Poly(L-Lactide) Acid/ $\beta$ -Tricalcium Phosphate Composite Nanofibers via Electrospinning. Polymers, 2019, 11, 1468.	4.5	18
24	Electrospun Polyamide-6 Nanofiber Hybrid Membranes for Wastewater Treatment. Fibers and Polymers, 2019, 20, 93-99.	2.1	18
25	Polyvinyl Butyral (PVB) Nanofiber/Nanoparticle-Covered Yarns for Antibacterial Textile Surfaces. International Journal of Molecular Sciences, 2019, 20, 4317.	4.1	16
26	On the Measured Current in Needle- and Needleless Electrospinning. Journal of Nanoscience and Nanotechnology, 2013, 13, 4672-4679.	0.9	15
27	Thin Film Nanofibrous Composite Membrane for Dead-End Seawater Desalination. Journal of Nanomaterials, 2016, 2016, 1-12.	2.7	14
28	Analysis of the effects of rotating roller speed on a roller electrospinning system. Textile Research Journal, 2017, 87, 913-928.	2.2	14
29	Optimisation of thin film composite nanofiltration membranes based on laminated nanofibrous and nonwoven supporting material. , 0, 59, 19-30.		14
30	Effect of argon plasma treatment on hydrophilic stability of nanofiber webs. Journal of Applied Polymer Science, 2018, 135, 46751.	2.6	13
31	PVDF nanofibrous membranes modified via laser-synthesized Ag nanoparticles for a cleaner oily water separation. Applied Surface Science, 2020, 526, 146575.	6.1	13
32	Measurement and analysis of jet current and jet life in roller electrospinning of polyurethane. Textile Research Journal, 2014, 84, 1720-1728.	2.2	11
33	Experimental study on electrospun polyvinyl butyral nanofibers using a non-solvent system. Fibers and Polymers, 2015, 16, 2544-2551.	2.1	10
34	Mechanically enhanced electrospun nanofibers for wastewater treatment. E3S Web of Conferences, 2017, 22, 00193.	0.5	7
35	Electron-Beam Irradiation of the PLLA/CMS/ $\beta$ -TCP Composite Nanofibers Obtained by Electrospinning. Polymers, 2020, 12, 1593.	4.5	7
36	Preparation of various nanofibrous composite membranes using wire electrospinning for oil-water separation. IOP Conference Series: Materials Science and Engineering, 2017, 254, 102011.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Chemical Cleaning Process of Polymeric Nanofibrous Membranes. <i>Polymers</i> , 2022, 14, 1102.	4.5	4