

Mehmet Durmus Calisir

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

496
citations

10
h-index

21
g-index

21
ext. papers

625
ext. citations

4.5
avg, IF

4.5
L-index

#	Paper	IF	Citations
19	A review of nanofibrous structures in lithium ion batteries. <i>Journal of Power Sources</i> , 2015 , 300, 199-2158.9	10.3	86
18	Recent advances in nanofibrous membranes: Production and applications in water treatment and desalination. <i>Desalination</i> , 2020 , 478, 114178	10.3	82
17	A review on non-electro nanofibre spinning techniques. <i>RSC Advances</i> , 2016 , 6, 83783-83801	3.7	79
16	Solution blowing of thermoplastic polyurethane nanofibers: A facile method to produce flexible porous materials. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	52
15	Electrostatic Capture Efficiency Enhancement of Polypropylene Electret Filters with Barium Titanate. <i>Aerosol Science and Technology</i> , 2015 , 49, 666-673	3.4	41
14	Developing lignin-based bio-nanofibers by centrifugal spinning technique. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 98-105	7.9	26
13	A comparative study on SiO ₂ nanofiber production via two novel non-electrospinning methods: Centrifugal spinning vs solution blowing. <i>Materials Letters</i> , 2020 , 258, 126751	3.3	26
12	Nitrogen-doped TiO ₂ fibers for visible-light-induced photocatalytic activities. <i>Ceramics International</i> , 2020 , 46, 16743-16753	5.1	21
11	Centrifugally spun silica (SiO ₂) nanofibers for high-temperature air filtration. <i>Aerosol Science and Technology</i> , 2019 , 53, 921-932	3.4	20
10	Optimization of centrifugally spun thermoplastic polyurethane nanofibers for air filtration applications. <i>Aerosol Science and Technology</i> , 2018 , 52, 515-523	3.4	19
9	Carbon nanofibers as thick electrodes for aqueous supercapacitors. <i>Journal of Energy Storage</i> , 2019 , 26, 100981	7.8	10
8	Photophysical properties of phosphorescent elastomeric composite nanofibers. <i>Dyes and Pigments</i> , 2016 , 125, 95-99	4.6	8
7	Submicron aerosol filtration performance of centrifugally spun nanofibrous polyvinylpyrrolidone media. <i>Journal of Industrial Textiles</i> , 2021 , 50, 1545-1558	1.6	7
6	Solution blown polymer/biowaste derived carbon particles nanofibers: An optimization study and energy storage applications. <i>Journal of Energy Storage</i> , 2019 , 26, 100962	7.8	5
5	Solution blown nanofibrous air filters modified with glass microparticles. <i>Journal of Industrial Textiles</i> , 2019 , 152808371988867	1.6	5
4	Developing centrifugal spun thermally cross-linked gelatin based fibrous biomats for antibacterial wound dressing applications. <i>Polymer Engineering and Science</i> , 2021 , 61, 2311-2322	2.3	4
3	Carbon-based foams: Preparation and applications 2019 , 43-90		2

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| 2 | Aerosol filtration performance of nanofibrous mats produced via electrically assisted industrial-scale solution blowing. <i>Polymer Engineering and Science</i> , 2021 , 61, 2557 | 2.3 | 2 |
| 1 | Metallophthalocyanine/polyacrylonitrile nanofibers by solution blow spinning technique for enhanced photocatalytic activity by visible light. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50115 | 2.9 | 1 |