

Yusuf Polat

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.

17
papers

377
citations

8
h-index

17
g-index

17
ext. papers

500
ext. citations

4
avg, IF

4.23
L-index

#	Paper	IF	Citations
17	Recent advances in nanofibrous membranes: Production and applications in water treatment and desalination. <i>Desalination</i> , 2020 , 478, 114178	10.3	82
16	A review on non-electro nanofibre spinning techniques. <i>RSC Advances</i> , 2016 , 6, 83783-83801	3.7	79
15	Mechanical, morphological, structural and dynamic mechanical properties of alkali treated Ensete stem fibers reinforced unsaturated polyester composites. <i>Composite Structures</i> , 2019 , 207, 589-597	5.3	68
14	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
13	Centrifugally spun silica (SiO ₂) nanofibers for high-temperature air filtration. <i>Aerosol Science and Technology</i> , 2019 , 53, 921-932	3.4	20
12	Optimization of centrifugally spun thermoplastic polyurethane nanofibers for air filtration applications. <i>Aerosol Science and Technology</i> , 2018 , 52, 515-523	3.4	19
11	Structure and performance of electroblown PVDF-based nanofibrous electret filters. <i>Polymer Engineering and Science</i> , 2020 , 60, 1186-1193	2.3	11
10	Mechanical and dynamic mechanical thermal properties of ensete fiber/woven glass fiber fabric hybrid composites. <i>Composite Structures</i> , 2021 , 259, 113221	5.3	11
9	Submicron aerosol filtration performance of centrifugally spun nanofibrous polyvinylpyrrolidone media. <i>Journal of Industrial Textiles</i> , 2021 , 50, 1545-1558	1.6	7
8	Effect of compatibilizer and fiber loading on ensete fiber-reinforced HDPE green composites: Physical, mechanical, and morphological properties. <i>Composites Science and Technology</i> , 2021 , 213, 108937	8.6	7
7	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
6	Solution blown nanofibrous air filters modified with glass microparticles. <i>Journal of Industrial Textiles</i> , 2019 , 152808371988867	1.6	5
5	Development and characterization of hybrid composites from sustainable green materials. <i>Green Materials</i> , 2021 , 9, 182-191	3.2	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	Self-assembled fibrillar polyethylene crystals with tunable properties. <i>Polymer Engineering and Science</i> , 2020 , 60, 2176-2189	2.3	1
2	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
1	Effect of solution blown nanofibers on Mode-I fracture toughness and dynamic mechanical properties of carbon fiber-reinforced composites. <i>Polymer Composites</i> , 2021 , 42, 5445	3	0

