Yusuf Polat

List of Publications by Year in Descending Order

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	Mechanical and dynamic mechanical thermal properties of ensete fiber/woven glass fiber fabric hybrid composites. *Composite Structures*, **2021**, 259, 113221	5.3	11
16	Metallophthalocyanine/polyacrylonitrile nanofibers by solution blow spinning technique for enhanced photocatalytic activity by visible light. *Journal of Applied Polymer Science*, **2021**, 138, 50115	2.9	1
15	Submicron aerosol filtration performance of centrifugally spun nanofibrous polyvinylpyrrolidone media. *Journal of Industrial Textiles*, **2021**, 50, 1545-1558	1.6	7
14	Effect of solution blown nanofibers on Mode-I fracture toughness and dynamic mechanical properties of carbon fiber-reinforced composites. *Polymer Composites*, **2021**, 42, 5445	3	0
13	Developing centrifugal spun thermally cross-linked gelatin based fibrous biomats for antibacterial wound dressing applications. *Polymer Engineering and Science*, **2021**, 61, 2311-2322	2.3	4
12	Effect of compatibilizer and fiber loading on ensete fiber-reinforced HDPE green composites: Physical, mechanical, and morphological properties. *Composites Science and Technology*, **2021**, 213, 108937	8.6	7
11	Development and characterization of hybrid composites from sustainable green materials. *Green Materials*, **2021**, 9, 182-191	3.2	5
10	Structure and performance of electroblown PVDF-based nanofibrous electret filters. *Polymer Engineering and Science*, **2020**, 60, 1186-1193	2.3	11
9	Recent advances in nanofibrous membranes: Production and applications in water treatment and desalination. *Desalination*, **2020**, 478, 114178	10.3	82
8	Self-assembled fibrillar polyethylene crystals with tunable properties. *Polymer Engineering and Science*, **2020**, 60, 2176-2189	2.3	1
7	Centrifugally spun silica (SiO2) nanofibers for high-temperature air filtration. *Aerosol Science and Technology*, **2019**, 53, 921-932	3.4	20
6	Solution blown polymer/biowaste derived carbon particles nanofibers: An optimization study and energy storage applications. *Journal of Energy Storage*, **2019**, 26, 100962	7.8	5
5	Solution blown nanofibrous air filters modified with glass microparticles. *Journal of Industrial Textiles*, **2019**, 152808371988867	1.6	5
4	Mechanical, morphological, structural and dynamic mechanical properties of alkali treated Ensete stem fibers reinforced unsaturated polyester composites. *Composite Structures*, **2019**, 207, 589-597	5.3	68
3	Optimization of centrifugally spun thermoplastic polyurethane nanofibers for air filtration applications. *Aerosol Science and Technology*, **2018**, 52, 515-523	3.4	19
2	A review on non-electro nanofibre spinning techniques. *RSC Advances*, **2016**, 6, 83783-83801	3.7	79
1	Solution blowing of thermoplastic polyurethane nanofibers: A facile method to produce flexible porous materials. *Journal of Applied Polymer Science*, **2016**, 133, n/a-n/a	2.9	52