

# Saheem Absar

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

135  
citations

1163117

8  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study about the Effect of Addition of Carbon Nanofibers on the Strain-Rate Sensitivity of Thermoplastic Polymer Matrix Nanocomposites Manufactured by Ultrasonic Processing. <i>Procedia Manufacturing</i> , 2020, 48, 400-406.	1.9	1
2	Study of the Geometrical Effects of Impeller on the Flow Field in Hybrid Mixing Process for Manufacturing Nanocomposites. <i>Procedia Manufacturing</i> , 2019, 34, 177-185.	1.9	0
3	Synthesis and characterization of UHMWPE nanocomposite fibers containing carbon nanotubes coated with a PVP surfactant layer. <i>Polymer Composites</i> , 2018, 39, E1025.	4.6	12
4	Temperature measurement in friction element welding process with micro thin film thermocouples. <i>Procedia Manufacturing</i> , 2018, 26, 485-494.	1.9	11
5	Thermal-Mechanical Numerical Modeling of the Friction Element Welding Process. , 2018, , .		4
6	Investigation of simultaneous ultrasonic processing of polymer-nanoparticle solutions for electrospinning of nanocomposite nanofibers. <i>Journal of Manufacturing Processes</i> , 2018, 34, 776-784.	5.9	9
7	Comparative Study of Polymer Dissolution Techniques for Electrospinning. <i>Procedia Manufacturing</i> , 2017, 10, 652-661.	1.9	12
8	Numerical and experimental studies about the effect of acoustic streaming on ultrasonic processing of metal matrix nanocomposites (MMNCs). <i>Journal of Manufacturing Processes</i> , 2017, 28, 515-522.	5.9	19
9	The effect of geometrical parameters on the characteristics of ultrasonic processing for metal matrix nanocomposites (MMNCs). <i>Journal of Manufacturing Processes</i> , 2016, 24, 382-390.	5.9	11
10	Investigation of synthesis and processing of cellulose, cellulose acetate and poly(ethylene oxide) nanofibers incorporating anti-cancer/tumor drug cis-diammineplatinum (II) dichloride using electrospinning techniques. <i>Journal of Polymer Engineering</i> , 2015, 35, 867-878.	1.4	23
11	Fabrication of Polyacrylonitrile Nanofiber Membranes Functionalized With Metal Organic Framework for CO2 Capturing. , 2015, , .		2
12	Synthesis and Processing of Solution Spun Cellulose Acetate Fibers Reinforced With Carbon Nanotubes. , 2015, , .		1
13	Experimental study of thermopower of SWCNTs and SiC nanoparticles with B <sup>3+</sup> (boron <sup>3+</sup> phosphorus) sol-gel dopants. <i>Materials Research Innovations</i> , 2015, 19, 410-417.	2.3	1
14	Morphological characteristics of solution spun nanocomposite fibers synthesized from ultra high molecular weight polyethylene, nylon-6 and carbon nanotubes, compatibilized with polyethylene-graft-maleic anhydride. <i>Polymer Science - Series A</i> , 2015, 57, 863-873.	1.0	3
15	Processing of Hybrid Nanocomposite High Performance Fibers (UHMWPE+Nylon 6+CNT+MAH) Using Solution Spinning Technique. , 2014, , .		0
16	A study of mechanical behavior and morphology of carbon nanotube reinforced UHMWPE/Nylon 6 hybrid polymer nanocomposite fiber. <i>Fibers and Polymers</i> , 2014, 15, 1484-1492.	2.1	11
17	Electrospinning of Cisplatin-Loaded Cellulose Nanofibers for Cancer Drug Delivery. , 2014, , .		4
18	Finite Element Analysis of Polyurethane Based Composite Shafts Under Different Boundary Conditions. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Enhanced Charge Carrier Concentration of SiC/CNT With N- and P-Type Doping Agents. , 2014, , .		0
20	Effect of Ply Stacking Sequence on Structural Response of Symmetric Composite Laminates. , 2014, , .		0
21	Parameter Sensitivity and Process Time Reduction for Friction Element Welding of 6061-T6 Aluminum to 1500 MPa Press-Hardened Steel. SAE International Journal of Materials and Manufacturing, 0, 12, 41-56.	0.3	11