

Prabhakar Gulgunje

List of Publications by Year in descending order

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14
papers

245
citations

1163117

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1199594

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274
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological behavior of polypropylene nanocomposites with tailored polymer/multiwall carbon nanotubes interface. <i>Polymer Engineering and Science</i> , 2019, 59, 1763-1777.	3.1	9
2	Microwave dielectric properties and Targeted heating of polypropylene nano-composites containing carbon nanotubes and carbon black. <i>Polymer</i> , 2019, 179, 121658.	3.8	12
3	Effect of interfacial chemistry on crystallization of polypropylene/multiwall carbon nanotube nanocomposites. <i>Polymer Engineering and Science</i> , 2019, 59, 1570-1584.	3.1	7
4	Fracture mechanism of high impact strength polypropylene containing carbon nanotubes. <i>Polymer</i> , 2018, 151, 287-298.	3.8	27
5	Structure and rheological behavior of polypropylene interphase at high carbon nanotube concentration. <i>Polymer</i> , 2018, 150, 10-25.	3.8	36
6	Polypropylene nanocomposites with polymer coated multiwall carbon nanotubes. <i>Polymer</i> , 2016, 100, 244-258.	3.8	52
7	High impact strength polypropylene containing carbon nanotubes. <i>Polymer</i> , 2016, 100, 259-274.	3.8	49
8	Solid-state NMR study of spin finish of thermally treated PAN and PAN/CNT precursor fibers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	1
9	Temperature dependent tensile behavior of gel-spun polyacrylonitrile and polyacrylonitrile/carbon nanotube composite fibers. <i>Polymer</i> , 2013, 54, 4003-4009.	3.8	27
10	Influence of Molecular Orientation on the Melting Behavior of Poly(phenylene sulfide) Fibers. <i>Journal of Engineered Fibers and Fabrics</i> , 2013, 8, 155892501300800.	1.0	0
11	Structure and properties development in poly(phenylene sulfide) fibers. II. Effect of one-zone draw annealing. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1890-1900.	2.6	6
12	Structure and properties enhancement in poly(phenylene sulfide) melt spun fibers. III. Effect of two zone drawing and annealing. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1693-1700.	2.6	5
13	Structure and properties development in poly(phenylene sulfide) fibers, part I: Effect of material and melt spinning process variables. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3110-3121.	2.6	8
14	The effects of processing and carbon nanotube type on the impact strength of aerospace-grade bismaleimide based nanocomposites. <i>Polymer Engineering and Science</i> , 0, , .	3.1	6