

Kt Varughese

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,510
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of sisal/oil palm hybrid fiber reinforced natural rubber composites. <i>Composites Science and Technology</i> , 2004, 64, 955-965.	7.8	580
2	Dynamical mechanical analysis of sisal/oil palm hybrid fiber-reinforced natural rubber composites. <i>Polymer Composites</i> , 2006, 27, 671-680.	4.6	254
3	Effect of chemical modification on properties of hybrid fiber biocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2008, 39, 352-363.	7.6	231
4	Thermal and crystallisation behaviour of isotactic polypropylene/nitrile rubber blends. <i>Polymer</i> , 2000, 41, 5485-5503.	3.8	123
5	Rheological behaviour of thermoplastic elastomers from polypropylene/acrylonitrile-butadiene rubber blends: effect of blend ratio, reactive compatibilization and dynamic vulcanization. <i>Polymer</i> , 1999, 40, 4325-4344.	3.8	114
6	Influence of non-covalent functionalization of carbon nanotubes on the rheological behavior of natural rubber latex nanocomposites. <i>European Polymer Journal</i> , 2014, 53, 147-159.	5.4	71
7	Free-volume correlation with mechanical and dielectric properties of natural rubber/multi walled carbon nanotubes composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 77, 164-171.	7.6	48
8	Contact Angle Studies in XLPE Hybrid Nanocomposites with Inorganic Nanofillers. <i>Macromolecular Symposia</i> , 2016, 366, 66-78.	0.7	32
9	Melt rheology of HDPE/EVA blends: The effects of blend ratio, compatibilization, and dynamic vulcanization. <i>Polymer Engineering and Science</i> , 2010, 50, 665-676.	3.1	21
10	Morphology correlated free volume studies of multi-walled carbon nanotube plasticized poly (vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	18
11	Contact angle behaviour of poly(vinyl chloride)/ epoxidized natural rubber miscible blends. <i>Journal of Adhesion Science and Technology</i> , 1989, 3, 541-550.	2.6	13
12	Flame Retardant Effects in PVC-Epoxidised Natural Rubber Miscible Blends: Halogen and Non-Halogen Based Additives. <i>Journal of Fire Sciences</i> , 1989, 7, 94-114.	2.0	5
13	Comparison of Interaction of Aromatic Solvents in Hybrid and Textile Biocomposites. <i>Journal of Elastomers and Plastics</i> , 2009, 41, 523-541.	1.5	0