

Kt Varughese

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,510
citations

840119

11
h-index

1199166

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. Composites Science and Technology, 2004, 64, 955-965.	3.8	580
2	Dynamical mechanical analysis of sisal/oil palm hybrid fiber-reinforced natural rubber composites. Polymer Composites, 2006, 27, 671-680.	2.3	254
3	Effect of chemical modification on properties of hybrid fiber biocomposites. Composites Part A: Applied Science and Manufacturing, 2008, 39, 352-363.	3.8	231
4	Thermal and crystallisation behaviour of isotactic polypropylene/nitrile rubber blends. Polymer, 2000, 41, 5485-5503.	1.8	123
5	Rheological behaviour of thermoplastic elastomers from polypropylene/acrylonitrile-butadiene rubber blends: effect of blend ratio, reactive compatibilization and dynamic vulcanization. Polymer, 1999, 40, 4325-4344.	1.8	114
6	Influence of non-covalent functionalization of carbon nanotubes on the rheological behavior of natural rubber latex nanocomposites. European Polymer Journal, 2014, 53, 147-159.	2.6	71
7	Free-volume correlation with mechanical and dielectric properties of natural rubber/multi walled carbon nanotubes composites. Composites Part A: Applied Science and Manufacturing, 2015, 77, 164-171.	3.8	48
8	Contact Angle Studies in XLPE Hybrid Nanocomposites with Inorganic Nanofillers. Macromolecular Symposia, 2016, 366, 66-78.	0.4	32
9	Melt rheology of HDPE/EVA blends: The effects of blend ratio, compatibilization, and dynamic vulcanization. Polymer Engineering and Science, 2010, 50, 665-676.	1.5	21
10	Morphology correlated free volume studies of multi-walled carbon nanotube plasticized poly (vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	18
11	Contact angle behaviour of poly(vinyl chloride)/ epoxidized natural rubber miscible blends. Journal of Adhesion Science and Technology, 1989, 3, 541-550.	1.4	13
12	Flame Retardant Effects in PVC-Epoxidised Natural Rubber Miscible Blends: Halogen and Non-Halogen Based Additives. Journal of Fire Sciences, 1989, 7, 94-114.	0.9	5
13	Comparison of Interaction of Aromatic Solvents in Hybrid and Textile Biocomposites. Journal of Elastomers and Plastics, 2009, 41, 523-541.	0.7	0