

# 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  
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1199594

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all docs

13  
docs citations

13  
times ranked

1531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology correlated free volume studies of multi-walled carbon nanotube plasticized poly (vinyl) Tj ETQq1 1 0.784314 rgBT/Overlo	3.8	18
2	Contact Angle Studies in XLPE Hybrid Nanocomposites with Inorganic Nanofillers. Macromolecular Symposia, 2016, 366, 66-78.	0.7	32
3	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.	7.6	48
4	Influence of non-covalent functionalization of carbon nanotubes on the rheological behavior of natural rubber latex nanocomposites. European Polymer Journal, 2014, 53, 147-159.	5.4	71
5	Melt rheology of HDPE/EVA blends: The effects of blend ratio, compatibilization, and dynamic vulcanization. Polymer Engineering and Science, 2010, 50, 665-676.	3.1	21
6	Comparison of Interaction of Aromatic Solvents in Hybrid and Textile Biocomposites. Journal of Elastomers and Plastics, 2009, 41, 523-541.	1.5	0
7	Effect of chemical modification on properties of hybrid fiber biocomposites. Composites Part A: Applied Science and Manufacturing, 2008, 39, 352-363.	7.6	231
8	Dynamical mechanical analysis of sisal/oil palm hybrid fiber-reinforced natural rubber composites. Polymer Composites, 2006, 27, 671-680.	4.6	254
9	Mechanical properties of sisal/oil palm hybrid fiber reinforced natural rubber composites. Composites Science and Technology, 2004, 64, 955-965.	7.8	580
10	Thermal and crystallisation behaviour of isotactic polypropylene/nitrile rubber blends. Polymer, 2000, 41, 5485-5503.	3.8	123
11	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.	3.8	114
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.	2.0	5
13	Contact angle behaviour of poly(vinyl chloride)/ epoxidized natural rubber miscible blends. Journal of Adhesion Science and Technology, 1989, 3, 541-550.	2.6	13