

# Mohammad Karrabi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

249  
citations

1040056

9  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between viscoelastic behavior and morphology of nanocomposites based on SR/EPDM blends compatibilized by maleic anhydride. <i>Polymer</i> , 2017, 113, 156-166.	3.8	50
2	Effects of two types of nanoparticles on the cure, rheological, and mechanical properties of rubber nanocomposites based on the NBR/PVC blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47550.	2.6	36
3	Continuous devulcanization of waste tires by using a Co-rotating twin screw extruder: Effects of screw configuration, temperature profile, and devulcanization agent concentration. <i>Journal of Vinyl and Additive Technology</i> , 2013, 19, 65-72.	3.4	31
4	Investigation on the kinetics of cure reaction of acrylonitrile-butadiene rubber (NBR)/polyvinyl chloride (PVC)/graphene nanocomposite using various models. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48632.	2.6	25
5	Morphology and viscoelastic behavior of silicone rubber/EPDM/Cloisite 15A nanocomposites based on Maxwell model. <i>Iranian Polymer Journal (English Edition)</i> , 2016, 25, 907-918.	2.4	24
6	Modeling of nonlinear hyper-viscoelastic and stress softening behaviors of acrylonitrile butadiene rubber/polyvinyl chloride nanocomposites reinforced by nanoclay and graphene. <i>Polymer Composites</i> , 2021, 42, 583-596.	4.6	20
7	Investigation on viscoelastic behavior of virgin EPDM/ reclaimed rubber blends using Generalized Maxwell Model (GMM). <i>Polymer Testing</i> , 2021, 93, 106989.	4.8	17
8	Viscoelastic behavior of NBR/phenolic compounds. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 25-32.	2.4	15
9	Effect of starch ratio and compatibilization on the viscoelastic behavior of POE/starch blends. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48877.	2.6	14
10	Study of the cure characteristics and viscoelastic behavior of styrene-butadiene rubber compounds by using a rubber process analyzer. <i>Journal of Vinyl and Additive Technology</i> , 2010, 16, 209-216.	3.4	5
11	Characterization of the Viscoelastic and Vulcanization Behavior of Natural Rubber Nanocomposites Having Different Levels of Nano Silicate/Black. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2017, 33, 261-280.	1.8	5
12	Investigation of rheological, mechanical, and thermal properties of nanocomposites based on nitrile rubber-phenolic resin reinforced with nanographene. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50906.	2.6	4
13	Influence of different molecular weights of polyhexene-1 on the morphology and rheology of cyclic olefin copolymer blends. <i>Polymer Engineering and Science</i> , 2021, 61, 1485-1501.	3.1	1
14	Effect of Nanographene on the Curing Behavior and Rheological Properties of NBR/Phenolic Compounds. , 2020, , 621-624.		1
15	Effect of Organoclay Addition on Rheological, Thermal, and Mechanical Properties of Nitrile Rubber/Phenolic Resin Blend. <i>Polymers</i> , 2022, 14, 1463.	4.5	1