

Nabil Hayeemasae

List of Publications by Year in descending order

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566801

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#	ARTICLE	IF	CITATIONS
1	Compounding, mechanical and morphological properties of carbon-black-filled natural rubber/recycled ethylene-propylene-diene-monomer (NR/R-EPDM) blends. <i>Polymer Testing</i> , 2013, 32, 385-393.	2.3	97
2	Comparison of thermo-oxidative ageing and thermal analysis of carbon black-filled NR/Virgin EPDM and NR/Recycled EPDM blends. <i>Polymer Testing</i> , 2013, 32, 631-639.	2.3	60
3	Lignin as Alternative Reinforcing Filler in the Rubber Industry: A Review. <i>Frontiers in Materials</i> , 2020, 6, .	1.2	60
4	Lignin as Green Filler in Polymer Composites: Development Methods, Characteristics, and Potential Applications. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-33.	1.0	43
5	Optimisation of accelerators and vulcanising systems on thermal stability of natural rubber/recycled ethyleneâ€“propyleneâ€“diene-monomer blends. <i>Materials & Design</i> , 2014, 53, 651-661.	5.1	34
6	Hydroxymethylation-Modified Lignin and Its Effectiveness as a Filler in Rubber Composites. <i>Processes</i> , 2019, 7, 315.	1.3	33
7	Recycled Polyethylene Terephthalate Filled Natural Rubber Compounds: Effects of Filler Loading and Types of Matrix. <i>Journal of Elastomers and Plastics</i> , 2011, 43, 429-449.	0.7	30
8	Nano-sized TiO ₂ -reinforced natural rubber composites prepared by latex compounding method. <i>Journal of Vinyl and Additive Technology</i> , 2017, 23, 200-209.	1.8	28
9	Effects of partial replacement of commercial fillers by recycled poly(ethylene terephthalate) powder on the properties of natural rubber composites. <i>Journal of Vinyl and Additive Technology</i> , 2012, 18, 139-146.	1.8	27
10	Blending of Natural Rubber/Recycled Ethylene-Propylene-Diene Monomer: Cure Behaviors and Mechanical Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 501-509.	1.9	27
11	Reinforcement of epoxidized natural rubber through the addition of sepiolite. <i>Polymer Composites</i> , 2019, 40, 924-931.	2.3	21
12	Synergistic Effect of Maleated Natural Rubber and Modified Palm Stearin as Dual Compatibilizers in Composites based on Natural Rubber and Halloysite Nanotubes. <i>Polymers</i> , 2020, 12, 766.	2.0	21
13	Effects of virgin Ethyleneâ€“Propyleneâ€“Dieneâ€“Monomer and its preheating time on the properties of natural rubber/recycled Ethyleneâ€“Propyleneâ€“Dieneâ€“Monomer blends. <i>Materials & Design</i> , 2013, 50, 27-37.	5.1	19
14	Enhancing the thermal stability of natural rubber/recycled ethyleneâ€“propyleneâ€“diene rubber blends by means of introducing pre-vulcanised ethyleneâ€“propyleneâ€“diene rubber and electron beam irradiation. <i>Materials & Design</i> , 2014, 56, 1057-1067.	5.1	19
15	Properties of natural rubber/recycled ethyleneâ€“propyleneâ€“diene rubber blends prepared using various vulcanizing systems. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 37-45.	1.3	17
16	Features of crystallization behavior of natural rubber/halloysite nanotubes composites using synchrotron wide-angle X-ray scattering. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 260-270.	0.9	16
17	Cure characteristics, crosslink density and degree of filler dispersion of kaolin-filled natural rubber compounds in the presence of alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 343, 012009.	0.3	14
18	Detailed investigation of the reinforcing effect of halloysite nanotubes-filled epoxidized natural rubber. <i>Polymer Bulletin</i> , 2021, 78, 7147-7166.	1.7	14

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19	Selectively Etched Halloysite Nanotubes as Performance Booster of Epoxidized Natural Rubber Composites. <i>Polymers</i> , 2021, 13, 3536.	2.0	13
20	Effect of Oil Palm Ash on the Properties of Polypropylene/Recycled Natural Rubber Gloves/Oil Palm Ash Composites. <i>BioResources</i> , 2014, 10, .	0.5	12
21	Simultaneous Enhancement of Mechanical and Dynamic Mechanical Properties of Natural Rubber/Recycled Ethylene-Propylene-Diene Rubber Blends by Electron Beam Irradiation. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 272-285.	0.9	12
22	Optimization of accelerators on curing characteristics, tensile, and dynamic mechanical properties of (natural rubber)/(recycled ethylene- α -propylene- ϵ -diene- ϵ -monomer) blends. <i>Journal of Vinyl and Additive Technology</i> , 2015, 21, 79-88.	1.8	12
23	Compatibilized natural rubber/recycled ethylene-propylene-diene rubber blends by biocompatibilizer. <i>International Journal of Polymer Analysis and Characterization</i> , 2016, 21, 396-407.	0.9	12
24	Sustainable Use of Chloroprene Rubber Waste as Blend Component with Natural Rubber, Epoxidized Natural Rubber and Styrene Butadiene Rubber. <i>Journal of Polymers and the Environment</i> , 2019, 27, 2119-2130.	2.4	11
25	Effect of extraction methods on the molecular structure and thermal stability of kenaf (Hibiscus) Tj ETQq1 1 0.784314 rgBT /Overlock 11 Biological Macromolecules, 2020, 154, 1255-1264.	3.6	11
26	Potency of Urea-Treated Halloysite Nanotubes for the Simultaneous Boosting of Mechanical Properties and Crystallization of Epoxidized Natural Rubber Composites. <i>Polymers</i> , 2021, 13, 3068.	2.0	11
27	Studies on cure index, swelling behaviour, tensile and thermooxidative properties of natural rubber compounds in the presence of alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 309, 012060.	0.3	10
28	Maleated Natural Rubber/Halloysite Nanotubes Composites. <i>Processes</i> , 2020, 8, 286.	1.3	10
29	Sustainable use of eggshell powder in the composite based on recycled polystyrene and virgin polystyrene mixture. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 266-275.	0.9	8
30	Kinetic of thermal degradation and thermal stability of natural rubber filled with titanium dioxide nanoparticles. <i>Polymer Composites</i> , 2019, 40, 3149-3155.	2.3	8
31	Blending of Natural Rubber/Recycled Ethylene-Propylene-diene Rubber: Promoting the Interfacial Adhesion Between Phases by Natural Rubber Latex. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 159-174.	0.9	7
32	Thermal stability and aging characteristics of (natural rubber)/(waste ethylene- α -propylene- ϵ -diene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	7
33	Preparation and properties of recycled poly(ethylene terephthalate) powder/halloysite nanotubes hybrid-filled natural rubber composites. <i>Journal of Thermoplastic Composite Materials</i> , 2015, 28, 415-430.	2.6	7
34	Thermo-Mechanical Performance of Natural Rubber/Recycled Ethylene-Propylene-Diene Rubber Blends in the Presence of ZnO Nanoparticles. <i>International Journal of Polymer Analysis and Characterization</i> , 2015, 20, 514-528.	0.9	7
35	Effects of alkanolamide addition on crosslink density, mechanical and morphological properties of chloroprene rubber compounds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 343, 012028.	0.3	7
36	Utilization of chloroprene rubber waste as blending component with natural rubber: aspect on metal oxide contents. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 1095-1105.	1.6	7

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37	BETTER BALANCE OF SILICA-REINFORCED NATURAL RUBBER TIRE TREAD COMPOUND PROPERTIES BY THE USE OF MONTMORILLONITE WITH OPTIMUM SURFACE MODIFIER CONTENT. <i>Rubber Chemistry and Technology</i> , 2020, , 000-000.	0.6	7
38	Modified palm stearin compatibilized natural rubber/halloysite nanotubes composites: Reinforcement versus strain-induced crystallization. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 210-227.	0.7	7
39	Relationship between stress relaxation behavior and thermal stability of natural rubber vulcanizates. <i>Polimeros</i> , 2020, 30, .	0.2	7
40	Improving the Tensile Properties of Natural Rubber Compounds Containing Ground Ethylene Propylene Diene Rubber Waste by Two-stage Processing. <i>Procedia Chemistry</i> , 2016, 19, 810-815.	0.7	6
41	Influence of Centrifugation Cycles of Natural Rubber Latex on Final Properties of Uncrosslinked Deproteinized Natural Rubber. <i>Polymers</i> , 2022, 14, 2713.	2.0	6
42	Dispersion and properties of natural rubberâ€montmorillonite nanocomposites fabricated by novel in situ organomodified and latex compounding method. <i>Polymer Engineering and Science</i> , 2019, 59, 1830-1839.	1.5	5
43	Effect of Carbon Black on the Properties of Polypropylene/ Recycled Natural Rubber Glove Blends. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2016, 32, 241-252.	0.8	4
44	Enhancing the thermal stability of natural rubber/recycled ethylene propylene diene rubber blends through the use of bioâ€compatibilizers. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, E155.	1.8	4
45	The effect of mastication time on the physical properties and structure of natural rubber. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 228-240.	0.7	4
46	Effect of hybrid carbon black/lignin on rheological, mechanical and thermal stability properties of NR/BR composites. <i>Plastics, Rubber and Composites</i> , 2022, 51, 293-305.	0.9	4
47	Effect of ZnO Nanoparticles on the Simultaneous Improvement in Curing and Mechanical Properties of NR/ Recycled EPDM Blends. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2018, 34, 1-18.	0.8	3
48	Tensile and structural properties of natural rubber vulcanizates with different mastication times. <i>Polimeros</i> , 2021, 31, .	0.2	3
49	Application of silane-treated tea waste powder as a potential filler for natural rubber composites. <i>BioResources</i> , 2020, 16, 1230-1244.	0.5	3
50	Influence of Sulfur/Accelerator Ratio on Tensile Properties and Structural Inhomogeneity of Natural Rubber. <i>Porrime</i> , 2020, 44, 519-526.	0.0	3
51	Insight into Mechanical Properties and Strain-induced Crystallisation of Epoxidized Natural Rubber Filled with Various Silanized Halloysite Nanotubes. <i>Materials Research</i> , 0, 25, .	0.6	3
52	The Influence of Recycled Poly(ethylene Terephthalate) Powder on Fatigue Life, Thermal Stability, and Morphology of Halloysite Nanotubes (HNTs) and Precipitated Silica Filled Natural Rubber Composites. <i>Key Engineering Materials</i> , 0, 471-472, 628-633.	0.4	2
53	Curing and swelling kinetics of new magnetorheological elastomer based on natural rubber/waste natural rubber gloves composites. <i>Journal of Elastomers and Plastics</i> , 2019, 51, 583-602.	0.7	2
54	Mechanical and Dynamical Properties of Natural Rubberâ€Montmorillonite Nanocomposites by Using In Situ Organomodified and Latex Compounding Method. <i>Macromolecular Symposia</i> , 2020, 391, 1900130.	0.4	2

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55	Application of polymer blend based on natural rubber latex and acrylic resin as a binder for wall paints. IOP Conference Series: Materials Science and Engineering, 2020, 773, 012032.	0.3	2
56	Potential of calcium carbonate as secondary filler in eggshell powder filled recycled polystyrene composites. Polimeros, 2021, 31, .	0.2	2
57	UTILIZATION OF TEA WASTE AS AN ALTERNATIVE FILLER FOR NATURAL RUBBER. Jurnal Teknologi (Sciences) Tj ETQg1 1 0.784314 rgB 0.3	0.3	2
58	Synergistic improvement of mechanical and magnetic properties of a new magnetorheological elastomer composites based on natural rubber and powdered waste natural rubber glove. Polimeros, 2020, 30, .	0.2	2
59	Possible Use of Sepiolite as Alternative Filler for Natural Rubber. Materials Research, 2020, 23, .	0.6	2
60	The Partial Replacement of Halloysite Nanotubes (HNTs) and Precipitated Silica by Recycled Poly(ethylene Terephthalate) Powder on Cure Behavior, Tensile Properties and Morphology of Natural Rubber Composites. Key Engineering Materials, 0, 471-472, 622-627.	0.4	1
61	Morphology and thermal stability of nano titanium dioxide filled natural rubber prepared by latex mixing method. IOP Conference Series: Materials Science and Engineering, 2018, 309, 012110.	0.3	1
62	Durability of helmet material under longitudinal and lateral drop impact. AIP Conference Proceedings, 2018, , .	0.3	1
63	Using chloroprene rubber waste in rubber blends: optimizing performance by adding fillers. Green Materials, 2019, 7, 156-167.	1.1	1
64	Acid-treated halloysite nanotubes filled natural rubber composites. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012087.	0.3	1
65	Effect of Stretching Rate on Tensile Response and Crystallization Behavior of Crosslinked Natural Rubber. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 217-225.	0.4	1
66	Silane-coupled kenaf fiber filled thermoplastic elastomer based on recycled high density polyethylene/natural rubber blends. Polimeros, 2021, 31, .	0.2	1
67	Influence of Preparation Method on Properties of Natural Rubber/Sepiolite Composites. Journal of Physics: Conference Series, 2021, 2129, 012075.	0.3	1
68	Comparison of Thermal Stability of Sulfur, Peroxide and EB Irradiation Cured NR Compounds Containing Ground EPDM Waste. Advanced Materials Research, 0, 844, 267-271.	0.3	0
69	Poly(Vinyl Chloride)/Epoxidized Natural Rubber/Kenaf Powder Composites. , 2018, , 283-312.		0
70	Properties of unmodified and modified natural rubber/halloysite nanotubes composites. AIP Conference Proceedings, 2020, , .	0.3	0
71	Promoting the strain-induced crystallization of NR/HNT composites through the use of modified palm stearin. AIP Conference Proceedings, 2020, , .	0.3	0
72	Maleated Natural Rubber Compatibilized Natural Rubber/Halloysite Nanotubes Composites. Porrima, 2020, 44, 596-602.	0.0	0