

Ekwipoo Kalkornsurapranee

List of Publications by Year in descending order

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32
papers

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citations

1039406

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times ranked

194
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#	ARTICLE	IF	CITATIONS
1	Development and preparation of high-performance thermoplastic vulcanizates based on blends of natural rubber and thermoplastic polyurethanes. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2358-2367.	1.3	44
2	From a laboratory to a pilot scale production of natural rubber grafted with PMMA. <i>Journal of Applied Polymer Science</i> , 2009, 114, 587-597.	1.3	22
3	Influence of grafting content on the properties of cured natural rubber grafted with PMMAs using glutaraldehyde as a cross-linking agent. <i>Advances in Polymer Technology</i> , 2018, 37, 1478-1485.	0.8	21
4	Optimization study of ammonia and glutaraldehyde contents on vulcanization of natural rubber latex. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 901-909.	1.3	20
5	Thermal behaviors and characteristics of polylactide/poly(butylene succinate) blend films via reactive compatibilization and plasticization. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2121-2133.	1.6	17
6	Active Bio-Based Pressure-Sensitive Adhesive Based Natural Rubber for Food Antimicrobial Applications: Effect of Processing Parameters on Its Adhesion Properties. <i>Polymers</i> , 2021, 13, 199.	2.0	14
7	Effect of processing parameters on the vulcanisation of natural rubber using glutaraldehyde. <i>Plastics, Rubber and Composites</i> , 2017, 46, 258-265.	0.9	13
8	Combination of Self-Healing Butyl Rubber and Natural Rubber Composites for Improving the Stability. <i>Polymers</i> , 2021, 13, 443.	2.0	11
9	Influence of modified natural rubbers as compatibilizers on the properties of flexible food contact materials based on NR/PBAT blends. <i>Materials and Design</i> , 2020, 196, 109134.	3.3	10
10	Enabling reprocessability of ENR-based vulcanisates by thermochemically exchangeable ester crosslinks. <i>Plastics, Rubber and Composites</i> , 2021, 50, 315-328.	0.9	10
11	Mechanical and thermal properties of carbon black reinforced natural rubber/polyvinyl alcohol fully-interpenetrating polymer networks. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, E21.	1.8	9
12	Influence of Reaction Volume on the Properties of Natural Rubber-g-Methyl Methacrylate. <i>Journal of Elastomers and Plastics</i> , 2010, 42, 17-34.	0.7	8
13	Influence of Non-Rubber Components on the Properties of Unvulcanized Natural Rubber from Different Clones. <i>Polymers</i> , 2022, 14, 1759.	2.0	8
14	A Self-Healing System Based on Ester Crosslinks for Carbon Black-Filled Rubber Compounds. <i>Journal of Composites Science</i> , 2021, 5, 70.	1.4	7
15	Grafting of various acrylic monomers on to natural rubber: Effects of glutaraldehyde curing on mechanical and thermo-mechanical properties. <i>Materials Today Communications</i> , 2021, 27, 102387.	0.9	7
16	Improved adhesion properties of natural rubber-based pressure-sensitive adhesives by incorporating particulate fillers. <i>Composites Communications</i> , 2021, 27, 100880.	3.3	7
17	Alleviating Molecular-Scale Damages in Silica-Reinforced Natural Rubber Compounds by a Self-Healing Modifier. <i>Polymers</i> , 2021, 13, 39.	2.0	6
18	Influence of Chemical Treatment on Thermal Decomposition and Crystallite Size of Coir Fiber. <i>International Journal of Thermophysics</i> , 2018, 39, 1.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Proper Blends of Biodegradable Polycaprolactone and Natural Rubber for 3D Printing. <i>Polymers</i> , 2020, 12, 2416.	2.0	5
20	Combination of silk fabric and natural rubber for the development of green composites: Influence of curing on mechanical and thermal properties. <i>Polymers and Polymer Composites</i> , 2021, 29, S1204-S1215.	1.0	5
21	In Situ Modification of Polyisoprene by Organo-Nanoclay during Emulsion Polymerization for Reinforcing Natural Rubber Thin Films. <i>Polymers</i> , 2019, 11, 1338.	2.0	4
22	Curing characteristics and kinetics of EPDM and EOC compounds in co-curing vulcanization as blend. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47613.	1.3	4
23	A novel natural rubber pressure sensitive adhesive patch amended with cinnamon oil for preserving bakery product. <i>Food Packaging and Shelf Life</i> , 2021, 29, 100729.	3.3	4
24	Curing of Natural Rubber/Polyvinyl Alcohol Blends Using Glutaraldehyde. <i>Materials Today: Proceedings</i> , 2018, 5, 15115-15119.	0.9	3
25	Fabrication and characterization of flexible piezoelectric composites with natural rubber matrix. <i>Integrated Ferroelectrics</i> , 2019, 195, 30-38.	0.3	3
26	Influence of functional groups on properties of styrene grafted NR using glutaraldehyde as curing agent. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, 339-346.	1.8	3
27	Impact responses of an open-cell natural rubber foam impregnated with shear thickening fluid. <i>SPE Polymers</i> , 2021, 2, 217-223.	1.4	3
28	Mechanical, Thermal and Solvent Transport Properties of Glutaraldehyde Cured Natural Rubber/Cotton Fabric Composites. <i>Fibers and Polymers</i> , 2022, 23, 1068-1076.	1.1	3
29	Enhancing Properties of Cured NR/PVA Blends Using Glutaraldehyde as a Crosslinking Agent: Effect of Nano-Clay Loading. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 553, 012046.	0.3	1
30	Effects of grafting level and nano-clay loading on the properties of cured NR/PVA blends. <i>International Journal of Polymer Analysis and Characterization</i> , 2020, 25, 539-552.	0.9	1
31	Efficacy of and Satisfaction with an In-house Developed Natural Rubber Cardiopulmonary Resuscitation Manikin. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 91-95.	0.6	1
32	Fabrication of water-soluble loose-fill foam from tamarind (<i>Tamarindus indica</i> L.) seed polysaccharide by mechanical frothing and freeze-drying process. <i>Journal of Cellular Plastics</i> , 2021, 57, 643-658.	1.2	0