

Indra Surya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

425
citations

10
h-index

19
g-index

74
ext. papers

545
ext. citations

1
avg. IF

4.43
L-index

#	Paper	IF	Citations
71	Selectively Etched Halloysite Nanotubes as Performance Booster of Epoxidized Natural Rubber Composites. <i>Polymers</i> , 2021 , 13,	4.5	2
70	NR/precipitated silica/dodecanol composites: Torque, hardness and morphology behaviors. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1122, 012115	0.4	
69	The silica-loaded styrene-butadiene rubber in the presence of stearamide: The tensile modulus and tensile strength. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1122, 012110	0.4	
68	Aminopropyltriethoxy silane in natural rubber/silica composites: Torque and vulcanization properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1122, 012114	0.4	0
67	The utilization of palmitamide as palm oil-based plasticizer in SBR/carbon black composites: An observation on degree of carbon-black dispersion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 782, 022064	0.3	1
66	The utilization of aminopropyltriethoxy silane as a rubber additive in improving the degree of filler dispersion of natural rubber/precipitated silica composites. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 782, 022066	0.3	
65	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 ^{1.6}		2
64	A review on clay-reinforced ethylene propylene diene terpolymer composites. <i>Polymer Composites</i> , 2021 , 42, 1698-1711	3	4
63	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,	4.5	1
62	Enhancing the reinforcing efficiency of silica on styrenebutadiene rubber through the use of palmitamide. <i>Journal of Physics: Conference Series</i> , 2020 , 1501, 012025	0.3	
61	The compounds of montmorillonite-filled natural rubber: Cure rate index, swelling and hardness properties 2020 ,		6
60	Preparation of Palm Oil Ash Nanoparticles: Taguchi Optimization Method by Particle Size Distribution and Morphological Studies. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 985	2.6	6
59	Effects of palmitamide on cure and tensile properties of styrene butadiene rubber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 725, 012046	0.4	5
58	The improvements in properties of silica-filled natural rubber with stearyl alcohol: Rheometric and tensile properties 2020 ,		2
57	Plasticizer Enhancement on the Miscibility and Thermomechanical Properties of Polylactic Acid-Chitin-Starch Composites. <i>Polymers</i> , 2020 , 12,	4.5	19
56	The CaCO ₃ -filled natural rubber in the existence of dodecanol: Mechanical properties 2020 ,		2
55	The effects of aminopropyltriethoxy silane on tensile and rheometric properties of silica-filled natural rubber vulcanizates. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012079 ^{0.4}		

54	The properties of unfilled natural rubber in the existence of alkanolamide: swelling, mechanical and morphological properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012093	0.4	
53	The silica-filled natural rubber in presence of epoxidized natural rubbers: curing, swelling and tensile properties. <i>Journal of Physics: Conference Series</i> , 2020 , 1501, 012024	0.3	
52	The silica-filled polychloroprene rubber in the addition of alkanolamide: tensile and vulcanization properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012089	0.4	
51	The properties of unfilled natural rubber in the existence of alkanolamide: rheological and crosslink density properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012092	0.4	
50	The nano-sized montmorillonite-filled natural rubber: vulcanization and reinforcement properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012094	0.4	
49	Silica-filled styrene-butadiene rubber in the existence of palmitamide: vulcanization properties and reinforcement index. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 801, 012095	0.4	0
48	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,	4.5	8
47	The Effect of Heat Treatment on Fatigue Testing of Aluminum Cans. <i>Journal of Physics: Conference Series</i> , 2019 , 1198, 072002	0.3	
46	Effect of epoxidised natural rubbers on curing characteristics of kaolin-filled natural rubber composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 505, 012114	0.4	
45	Mechanical properties improvement in silica-filled natural rubber composites using stearyl alcohol. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 509, 012054	0.4	3
44	Improvements in the degree of filler dispersion and tensile properties of N550 and N220 carbon blacks-filled natural rubber composites using alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 505, 012124	0.4	
43	The degree of filler dispersion, rheometric and mechanical properties of carbon black-filled styrene-butadiene rubber composites in the presence of alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 523, 012063	0.4	7
42	Effects of epoxidised natural rubbers on cure characteristics and crosslink density of silica-filled natural rubber composite. <i>Journal of Physics: Conference Series</i> , 2019 , 1230, 012088	0.3	1
41	Properties and Characterization of a PLA-Chitin-Starch Biodegradable Polymer Composite. <i>Polymers</i> , 2019 , 11,	4.5	21
40	Crosslink density and rheometric behaviour of natural rubber/chloroprene rubber blends. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 505, 012113	0.4	
39	Enhancing tensile strength of styrene butadiene rubber using alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 509, 012053	0.4	1
38	Improvements in filler dispersion and tensile properties of natural rubber vulcanizates applying lauryl alcohol. <i>Journal of Physics: Conference Series</i> , 2019 , 1376, 012031	0.3	
37	Enhancements in cure rate index and mechanical properties of silica-filled natural rubber using octadecanol-fatty alcohol. <i>Journal of Physics: Conference Series</i> , 2019 , 1373, 012022	0.3	1

36	The cure and tensile properties of montmorillonite-natural rubber composites in the incorporation of alkanolamide. <i>Journal of Physics: Conference Series</i> , 2019 , 1373, 012023	0.3	
35	The rheometric, mechanical and morphological properties of carbon black filled styrene butadiene rubber vulcanizates in presence of alkanolamide. <i>Journal of Physics: Conference Series</i> , 2019 , 1376, 012030 ³	0.3	
34	Tensile and rheometric properties of calcium carbonate-filled natural rubber compounds without/with lauryl alcohol. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 505, 012146 ^{0.4}	0.4	
33	Effect of partial replacement of kenaf by empty fruit bunch (EFB) on the properties of natural rubber latex foam (NRLF) 2019 , 14, 9375-9391		2
32	Effects of alkanolamide and epoxidation in natural rubber and epoxidized natural rubbers compounds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 299, 012061	0.4	8
31	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	0.4	3
30	Effect of water addition in a microwave assisted thermal cracking of biomass tar gasification. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 309, 012056	0.4	
29	Talanta. <i>Journal of Physics: Conference Series</i> , 2018 , 1116, 022033	0.3	5
28	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	0.4	6
27	Cure characteristics, swelling behaviour and tensile properties of carbon black-filled Natural Rubber (NR)/Chloroprene Rubber (CR) blends in the presence of alkanolamide. <i>MATEC Web of Conferences</i> , 2018 , 197, 12005	0.3	9
26	Effects of alkanolamide loading on swelling, rheometric and tensile properties of chloroprene rubber compounds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 309, 012104	0.4	2
25	Effects of lauryl alcohol addition on cure characteristics and tensile properties of silica-filled natural rubber composites. <i>Journal of Physics: Conference Series</i> , 2018 , 1116, 042033	0.3	11
24	Morphology and thermal stability of nano titanium dioxide filled natural rubber prepared by latex mixing method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 309, 012110	0.4	0
23	Effects of stearyl alcohol on cure characteristics and tensile properties of calcium carbonate-filled natural rubber composites 2018 ,		9
22	Silica dispersion enhancement in natural rubber composites utilising stearyl alcohol. <i>Journal of Physics: Conference Series</i> , 2018 , 1116, 042005	0.3	10
21	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	0.4	3
20	Effects of alkanolamide addition on cure characteristics, crosslink density and tensile properties of carbon-black-filled styrene-butadiene rubber compounds. <i>MATEC Web of Conferences</i> , 2018 , 197, 12006 ^{0.3}	0.3	5
19	The effects of alkanolamide addition on cure characteristics, swelling behaviour and tensile properties of silica-filled natural rubber (NR) / chloroprene rubber (CR) blends. <i>E3S Web of Conferences</i> , 2018 , 34, 01030	0.5	17

18	The effects of the addition of alkanolamide on carbon blacks filled natural rubber compounds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 223, 012006	0.4	6
17	The effect of alkanolamide addition on cure and tensile properties of unfilled natural rubber compounds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 223, 012012	0.4	6
16	Compatibilized natural rubber/recycled ethylene-propylene-diene rubber blends by biocompatibilizer. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 396-407	1.7	9
15	The effect of the addition of alkanolamide on properties of carbon black-filled natural rubber (SMR-L) compounds cured using various curing systems. <i>Polymer Testing</i> , 2016 , 50, 276-282	4.5	35
14	Alkanolamide as a novel accelerator and vulcanising agent in carbon black-filled polychloroprene rubber compounds. <i>Plastics, Rubber and Composites</i> , 2016 , 45, 287-293	1.5	24
13	Effect of Aging on Mechanical Properties of Natural Rubber Latex Products Filled with Alkanolamide-Modified Cassava Peel Waste Powder (CPWP). <i>Advanced Materials Research</i> , 2015 , 1123, 387-390	0.5	1
12	Effect of Drying Time on Mechanical Properties of Natural Rubber Products Filled with Modified Kaolin Prepared from Latex Dipping. <i>Advanced Materials Research</i> , 2015 , 1123, 352-355	0.5	1
11	Influence of Modified Cassava Peel Waste (CPW) Loading on Tensile Properties of Natural Rubber Latex (NRL) Products. <i>Advanced Materials Research</i> , 2015 , 1119, 342-346	0.5	
10	The effect of alkanolamide loading on properties of carbon black-filled natural rubber (SMR-L), epoxidised natural rubber (ENR), and styrene-butadiene rubber (SBR) compounds. <i>Polymer Testing</i> , 2015 , 42, 208-214	4.5	38
9	The comparison of alkanolamide and silane coupling agent on the properties of silica-filled natural rubber (SMR-L) compounds. <i>Polymer Testing</i> , 2014 , 40, 24-32	4.5	56
8	Effect of Leaching Treatment on Mechanical Properties of Natural Rubber Latex (NRL) Products Filled Modified Kaolin. <i>Applied Mechanics and Materials</i> , 2014 , 548-549, 90-95	0.3	1
7	Alkanolamide as an accelerator, filler-dispersant and a plasticizer in silica-filled natural rubber compounds. <i>Polymer Testing</i> , 2013 , 32, 1313-1321	4.5	66
6	Effects of Modified Palm Stearin on Torque Properties of Carbon Black-loaded Epoxidized Natural Rubber. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012069	0.4	0
5	The incorporations of palmitamide as a rubber chemical into carbon black-loaded styrene-butadiene rubber: cure rate index and torque properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012068	0.4	
4	Influences of Modified Palm Stearin on Vulcanization Properties of Carbon Black-Loaded Epoxidized Natural Rubber. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012123	0.4	
3	The presence of stearamide as a rubber chemical in silica loaded-styrene butadiene rubber: The curing properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012067	0.4	
2	Silica-loaded styrene-butadiene rubber in the incorporation of stearamide: The torque properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012070	0.4	
1	The Carbon Black-Loaded Styrene-Butadiene Rubber in The Addition of Palmitamide: The Cure Characterization. <i>IOP Conference Series: Materials Science and Engineering</i> , 1003 , 012124	0.4	

