Indra Surya

List of Publications by Year
in descending order

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74	672	687363 13	642732 23
papers	citations	h-index	g-index

74	74	74	330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modified palm stearin compatibilized natural rubber/halloysite nanotubes composites: Reinforcement versus strain-induced crystallization. Journal of Elastomers and Plastics, 2021, 53, 210-227.	1.5	7
2	A review on clayâ€reinforced ethylene propylene diene terpolymer composites. Polymer Composites, 2021, 42, 1698-1711.	4.6	21
3	NR/precipitated silica/dodecanol composites: Torque, hardness and morphology behaviors. IOP Conference Series: Materials Science and Engineering, 2021, 1122, 012115.	0.6	0
4	The silica-loaded styrene-butadiene rubber in the presence of stearamide: The tensile modulus and tensile strength. IOP Conference Series: Materials Science and Engineering, 2021, 1122, 012110.	0.6	2
5	Aminopropyltriethoxy silane in natural rubber/silica composites: Torque and vulcanization properties. IOP Conference Series: Materials Science and Engineering, 2021, 1122, 012114.	0.6	1
6	The utilization of palmitamide as palm oil-based plasticizer in SBR/carbon black composites: An observation on degree of carbon-black dispersion. IOP Conference Series: Earth and Environmental Science, 2021, 782, 022064.	0.3	4
7	The utilization of aminopropyltriethoxy silane as a rubber additive in improving the degree of filler dispersion of natural rubber/precipitated silica composites. IOP Conference Series: Earth and Environmental Science, 2021, 782, 022066.	0.3	1
8	Potency of Urea-Treated Halloysite Nanotubes for the Simultaneous Boosting of Mechanical Properties and Crystallization of Epoxidized Natural Rubber Composites. Polymers, 2021, 13, 3068.	4.5	11
9	Selectively Etched Halloysite Nanotubes as Performance Booster of Epoxidized Natural Rubber Composites. Polymers, 2021, 13, 3536.	4.5	13
10	Plasticizer Enhancement on the Miscibility and Thermomechanical Properties of Polylactic Acid-Chitin-Starch Composites. Polymers, 2020, 12, 115.	4.5	25
11	The CaCO3-filled natural rubber in the existence of dodecanol: Mechanical properties. AIP Conference Proceedings, 2020, , .	0.4	2
12	The effects of aminopropyltriethoxy silane on tensile and rheometric properties of silica-filled natural rubber vulcanizates. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012079.	0.6	1
13	The properties of unfilled natural rubber in the existence of alkanolamide: swelling, mechanical and morphological properties. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012093.	0.6	0
14	The compounds of styrene-butadiene rubber in the incorporation of palmitamide: Abrasion resistance, cure rate index and torque properties. AIP Conference Proceedings, 2020, , .	0.4	0
15	The silica-filled natural rubber in presence of epoxidized natural rubbers: curing, swelling and tensile properties. Journal of Physics: Conference Series, 2020, 1501, 012024.	0.4	2
16	The silica-filled polychloroprene rubber in the addition of alkanolamide: tensile and vulcanization properties. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012089.	0.6	0
17	The properties of unfilled natural rubber in the existence of alkanolamide: rheological and crosslink density properties. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012092.	0.6	0
18	The nano-sized montmorillonite-filled natural rubber: vulcanization and reinforcement properties. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012094.	0.6	0

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19	Silica-filled styrene-butadiene rubber in the existence of palmitamide: vulcanization properties and reinforcement index. IOP Conference Series: Materials Science and Engineering, 2020, 801, 012095.	0.6	5
20	Enhancing the reinforcing efficiency of silica on styrenebutadiene rubber through the use of palmitamide. Journal of Physics: Conference Series, 2020, 1501, 012025.	0.4	0
21	The physico-mechanical properties of montmorillonite-filled natural rubber. AIP Conference Proceedings, 2020, , .	0.4	0
22	Improvement in physico-mechanical properties of silica- filled styrene butadiene rubber by using palmitamide. AIP Conference Proceedings, 2020, , .	0.4	3
23	The compounds of montmorillonite-filled natural rubber: Cure rate index, swelling and hardness properties. AIP Conference Proceedings, 2020, , .	0.4	7
24	Preparation of Palm Oil Ash Nanoparticles: Taguchi Optimization Method by Particle Size Distribution and Morphological Studies. Applied Sciences (Switzerland), 2020, 10, 985.	2.5	15
25	Effects of palmitamide on cure and tensile properties of styrene butadiene rubber. IOP Conference Series: Materials Science and Engineering, 2020, 725, 012046.	0.6	8
26	The improvements in properties of silica-filled natural rubber with stearyl alcohol: Rheometric and tensile properties. AIP Conference Proceedings, 2020, , .	0.4	2
27	Synergistic Effect of Maleated Natural Rubber and Modified Palm Stearin as Dual Compatibilizers in Composites based on Natural Rubber and Halloysite Nanotubes. Polymers, 2020, 12, 766.	4.5	21
28	Influences of Modified Palm Stearin on Vulcanization Properties of Carbon Black-Loaded Epoxidized Natural Rubber. IOP Conference Series: Materials Science and Engineering, 2020, 1003, 012123.	0.6	2
29	The presence of stearamide as a rubber chemical in silica loaded-styrene butadiene rubber: The curing properties. IOP Conference Series: Materials Science and Engineering, 2020, 1003, 012067.	0.6	3
30	Silica-loaded styrene-butadiene rubber in the incorporation of stearamide: The torque properties. IOP Conference Series: Materials Science and Engineering, 2020, 1003, 012070.	0.6	2
31	Effect of epoxidised natural rubbers on curing characteristics of kaolin-filled natural rubber composites. IOP Conference Series: Materials Science and Engineering, 2019, 505, 012114.	0.6	0
32	Improvements in the degree of filler dispersion and tensile properties of N550 and N220 carbon blacks-filled natural rubber composites using alkanolamide. IOP Conference Series: Materials Science and Engineering, 2019, 505, 012124.	0.6	1
33	The degree of filler dispersion, rheometric and mechanical properties of carbon black-filled styrene-butadiene rubber composites in the presence of alkanolamide. IOP Conference Series: Materials Science and Engineering, 2019, 523, 012063.	0.6	14
34	Effects of epoxidised natural rubbers on cure characteristics and crosslink density of silica-filled natural rubber composite. Journal of Physics: Conference Series, 2019, 1230, 012088.	0.4	1
35	Properties and Characterization of a PLAâ€“Chitinâ€“Starch Biodegradable Polymer Composite. Polymers, 2019, 11, 1656.	4.5	35
36	The Effect of Heat Treatment on Fatigue Testing of Aluminum Cans. Journal of Physics: Conference Series, 2019, 1198, 072002.	0.4	0

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37	Crosslink density and rheometric behaviour of natural rubber/chloroprene rubber blends. IOP Conference Series: Materials Science and Engineering, 2019, 505, 012113.	0.6	0
38	Improvements in filler dispersion and tensile properties of natural rubber vulcanizates applying lauryl alcohol. Journal of Physics: Conference Series, 2019, 1376, 012031.	0.4	2
39	Enhancements in cure rate index and mechanical properties of silica-filled natural rubber using octadecanol-fatty alcohol. Journal of Physics: Conference Series, 2019, 1373, 012022.	0.4	1
40	The cure and tensile properties of montmorillonite-natural rubber composites in the incorporation of alkanolamide. Journal of Physics: Conference Series, 2019, 1373, 012023.	0.4	0
41	The rheometric, mechanical and morphological properties of carbon black filled styrene butadiene rubber vulcanizates in presence of alkanolamide. Journal of Physics: Conference Series, 2019, 1376, 012030.	0.4	0
42	Tensile and rheometric properties of calcium carbonate-filled natural rubber compounds without/with lauryl alcohol. IOP Conference Series: Materials Science and Engineering, 2019, 505, 012146.	0.6	2
43	Effect of partial replacement of kenaf by empty fruit bunch (EFB) on the properties of natural rubber latex foam (NRLF). BioResources, 2019, 14, 9375-9391.	1.0	8
44	Effects of alkanolamide and epoxidation in natural rubber and epoxidized natural rubbers compounds. IOP Conference Series: Materials Science and Engineering, 2018, 299, 012061.	0.6	15
45	Studies on cure index, swelling behaviour, tensile and thermooxidative properties of natural rubber compounds in the presence of alkanolamide. IOP Conference Series: Materials Science and Engineering, 2018, 309, 012060.	0.6	10
46	Effect of water addition in a microwave assisted thermal cracking of biomass tar gasification. IOP Conference Series: Materials Science and Engineering, 2018, 309, 012056.	0.6	0
47	Talenta. Journal of Physics: Conference Series, 2018, 1116, 022033.	0.4	7
48	Cure characteristics, crosslink density and degree of filler dispersion of kaolin-filled natural rubber compounds in the presence of alkanolamide. IOP Conference Series: Materials Science and Engineering, 2018, 343, 012009.	0.6	14
49	Cure characteristics, swelling behaviour and tensile properties of carbon black-filled Natural Rubber (NR)/Chloroprene Rubber (CR) blends in the presence of alkanolamide. MATEC Web of Conferences, 2018, 197, 12005.	0.2	15
50	Effects of alkanolamide loading on swelling, rheometric and tensile properties of chloroprene rubber compounds. IOP Conference Series: Materials Science and Engineering, 2018, 309, 012104.	0.6	2
51	Effects of lauryl alcohol addition on cure characteristics and tensile properties of silica-filled natural rubber composites. Journal of Physics: Conference Series, 2018, 1116, 042033.	0.4	13
52	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.	0.6	1
53	Effects of stearyl alcohol on cure characteristics and tensile properties of calcium carbonate-filled natural rubber composites. AIP Conference Proceedings, 2018, , .	0.4	11
54	Silica dispersion enhancement in natural rubber composites utilising stearyl alcohol. Journal of Physics: Conference Series, 2018, 1116, 042005.	0.4	13

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55	Effects of alkanolamide addition on crosslink density, mechanical and morphological properties of chloroprene rubber compounds. IOP Conference Series: Materials Science and Engineering, 2018, 343, 012028.	0.6	7
56	Effects of alkanolamide addition on cure characteristics, crosslink density and tensile properties of carbon-black-filled styrene-butadiene rubber compounds. MATEC Web of Conferences, 2018, 197, 12006.	0.2	8
57	The effects of alkanolamide addition on cure characteristics, swelling behaviour and tensile properties of silica-filled natural rubber (NR) / chloroprene rubber (CR) blends. E3S Web of Conferences, 2018, 34, 01030.	0.5	18
58	The effect of alkanolamide addition on cure and tensile properties of unfilled natural rubber compounds. IOP Conference Series: Materials Science and Engineering, 2017, 223, 012012.	0.6	9
59	The effects of the addition of alkanolamide on carbon blacks filled natural rubber compounds. IOP Conference Series: Materials Science and Engineering, 2017, 223, 012006.	0.6	11
60	Alkanolamide as a novel accelerator and vulcanising agent in carbon black-filled polychloroprene rubber compounds. Plastics, Rubber and Composites, 2016, 45, 287-293.	2.0	32
61	Compatibilized natural rubber/recycled ethylene-propylene-diene rubber blends by biocompatibilizer. International Journal of Polymer Analysis and Characterization, 2016, 21, 396-407.	1.9	12
62	The effect of the addition of alkanolamide on properties of carbon black-filled natural rubber (SMR-L) compounds cured using various curing systems. Polymer Testing, 2016, 50, 276-282.	4.8	39
63	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. Polymer Testing, 2015, 42, 208-214.	4.8	43
64	Effect of Leaching Treatment on Mechanical Properties of Natural Rubber Latex (NRL) Products Filled Modified Kaolin. Applied Mechanics and Materials, 2014, 548-549, 90-95.	0.2	1
65	The comparison of alkanolamide and silane coupling agent on the properties of silica-filled natural rubber (SMR-L) compounds. Polymer Testing, 2014, 40, 24-32.	4.8	69
66	Alkanolamide as an accelerator, filler-dispersant and a plasticizer in silica-filled natural rubber compounds. Polymer Testing, 2013, 32, 1313-1321.	4.8	84
67	Effect of Aging on Mechanical Properties of Natural Rubber Latex Products Filled with Alkanolamide-Modified Cassava Peel Waste Powder (CPWP). Advanced Materials Research, 0, 1123, 387-390.	0.3	3
68	Effect of Drying Time on Mechanical Properties of Natural Rubber Products Filled with Modified Kaolin Prepared from Latex Dipping. Advanced Materials Research, 0, 1123, 352-355.	0.3	1
69	Influence of Modified Cassava Peel Waste (CPW) Loading on Tensile Properties of Natural Rubber Latex (NRL) Products. Advanced Materials Research, 0, 1119, 342-346.	0.3	0
70	Mechanical properties improvement in silica-filled natural rubber composites using stearyl alcohol. IOP Conference Series: Materials Science and Engineering, 0, 509, 012054.	0.6	6
71	Enhancing tensile strength of styrene butadiene rubber using alkanolamide. IOP Conference Series: Materials Science and Engineering, 0, 509, 012053.	0.6	5
72	Effects of Modified Palm Stearin on Torque Properties of Carbon Black-loaded Epoxidized Natural Rubber. IOP Conference Series: Materials Science and Engineering, 0, 1003, 012069.	0.6	1

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73	The incorporations of palmitamide as a rubber chemical into carbon black-loaded styrene-butadiene rubber: cure rate index and torque properties. IOP Conference Series: Materials Science and Engineering, 0, 1003, 012068.	0.6	0
74	The Carbon Black-Loaded Styrene-Butadiene Rubber in The Addition of Palmitamide: The Cure Characterization. IOP Conference Series: Materials Science and Engineering, 0, 1003, 012124.	0.6	0