

Indra Surya

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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	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
70	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
69	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
68	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
67	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
66	Properties and Characterization of a PLA-Chitin-Starch Biodegradable Polymer Composite. <i>Polymers</i> , 2019 , 11,	4.5	21
65	Plasticizer Enhancement on the Miscibility and Thermomechanical Properties of Polylactic Acid-Chitin-Starch Composites. <i>Polymers</i> , 2020 , 12,	4.5	19
64	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
63	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
62	Silica dispersion enhancement in natural rubber composites utilising stearyl alcohol. <i>Journal of Physics: Conference Series</i> , 2018 , 1116, 042005	0.3	10
61	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
60	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
59	Effects of stearyl alcohol on cure characteristics and tensile properties of calcium carbonate-filled natural rubber composites 2018 ,		9
58	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
57	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
56	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
55	The compounds of montmorillonite-filled natural rubber: Cure rate index, swelling and hardness properties 2020 ,		6

54	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
53	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
52	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
51	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
50	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
49	Talanta. <i>Journal of Physics: Conference Series</i> , 2018 , 1116, 022033	0.3	5
48	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	5
47	A review on clay-reinforced ethylene propylene diene terpolymer composites. <i>Polymer Composites</i> , 2021 , 42, 1698-1711	3	4
46	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
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	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
43	The improvements in properties of silica-filled natural rubber with stearyl alcohol: Rheometric and tensile properties 2020 ,		2
42	Selectively Etched Halloysite Nanotubes as Performance Booster of Epoxidized Natural Rubber Composites. <i>Polymers</i> , 2021 , 13,	4.5	2
41	The CaCO ₃ -filled natural rubber in the existence of dodecanol: Mechanical properties 2020 ,		2
40	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
39	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
38	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
37	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

36	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
35	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
34	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
33	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
32	Enhancing tensile strength of styrene butadiene rubber using alkanolamide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 509, 012053	0.4	1
31	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
30	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
29	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
28	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
27	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
26	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
25	The Effect of Heat Treatment on Fatigue Testing of Aluminum Cans. <i>Journal of Physics: Conference Series</i> , 2019 , 1198, 072002	0.3	
24	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	
23	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	
22	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	
21	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	
20	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	
19	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	

- 18 Influences of Modified Palm Stearin on Vulcanization Properties of Carbon Black-Loaded Epoxidized Natural Rubber. *IOP Conference Series: Materials Science and Engineering*, 1003, 012123 0.4
- 17 The presence of stearamide as a rubber chemical in silica loaded-styrene butadiene rubber: The curing properties. *IOP Conference Series: Materials Science and Engineering*, 1003, 012067 0.4
- 16 Silica-loaded styrene-butadiene rubber in the incorporation of stearamide: The torque properties. *IOP Conference Series: Materials Science and Engineering*, 1003, 012070 0.4
- 15 The Carbon Black-Loaded Styrene-Butadiene Rubber in The Addition of Palmitamide: The Cure Characterization. *IOP Conference Series: Materials Science and Engineering*, 1003, 012124 0.4
- 14 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 0.4
- 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 0.4
- 12 The silica-filled natural rubber in presence of epoxidized natural rubbers: curing, swelling and tensile properties. *Journal of Physics: Conference Series*, 2020, 1501, 012024 0.3
- 11 The silica-filled polychloroprene rubber in the addition of alkanolamide: tensile and vulcanization properties. *IOP Conference Series: Materials Science and Engineering*, 2020, 801, 012089 0.4
- 10 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 0.4
- 9 The nano-sized montmorillonite-filled natural rubber: vulcanization and reinforcement properties. *IOP Conference Series: Materials Science and Engineering*, 2020, 801, 012094 0.4
- 8 NR/precipitated silica/dodecanol composites: Torque, hardness and morphology behaviors. *IOP Conference Series: Materials Science and Engineering*, 2021, 1122, 012115 0.4
- 7 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 0.4
- 6 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
- 5 Crosslink density and rheometric behaviour of natural rubber/chloroprene rubber blends. *IOP Conference Series: Materials Science and Engineering*, 2019, 505, 012113 0.4
- 4 Improvements in filler dispersion and tensile properties of natural rubber vulcanizates applying lauryl alcohol. *Journal of Physics: Conference Series*, 2019, 1376, 012031 0.3
- 3 The cure and tensile properties of montmorillonite-natural rubber composites in the incorporation of alkanolamide. *Journal of Physics: Conference Series*, 2019, 1373, 012023 0.3
- 2 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 0.3
- 1 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 0.4

