

Halimatuddahlia Nasution

List of Publications by Year in descending order

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papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Extraction and Isolation of Cellulose Nanofibers from Carpet Wastes Using Supercritical Carbon Dioxide Approach. <i>Polymers</i> , 2022, 14, 326.	4.5	19
2	Insights into the Role of Biopolymer-Based Xerogels in Biomedical Applications. <i>Gels</i> , 2022, 8, 334.	4.5	15
3	Effects of Heating Temperature and Load Weight on Rheological Properties of Waste Plastic Cup. <i>Journal of Engineering Science</i> , 2021, 17, 39-49.	0.4	0
4	Tensile Properties of Sago Starch Biocomposites Reinforced with Nanocrystalline Cellulose from Rattan Biomass. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 505, 012118.	0.6	1
5	Properties of Unsaturated Polyester Composite Filled Activated Zeolite: The Effect of Filler Addition and Compression. <i>Journal of Physics: Conference Series</i> , 2019, 1230, 012091.	0.4	0
6	Effect of waste natural rubber latex and eggshell powder as reinforcing filler on concrete manufactured. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
7	Utilization of overcured natural rubber latex compound in modified concrete manufacturing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 505, 012108.	0.6	0
8	Biocomposite of pectin and starch filled with nanocrystalline cellulose (NCC): The effect of filler loading and glycerol addition. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	7
9	Characterizations of activated zeolite using hydrolysis method. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
10	Semi chemically processed nano fiber cellulose isolated from palm fiber waste: Morphology and physical characterization. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
11	Effect of filler loading of characteristic natural rubber latex (NRL) film filled with nanocrystal cellulose (NCC) and dispersion agent polyvinylpyrrolidone (PVP). <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
12	Effect of pressing temperature on the mechanical properties of waste styrofoam filled sawdust composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 309, 012034.	0.6	2
13	Effect of cellulose nanocrystals from corn cob with dispersion agent polyvinyl pyrrolidone in natural rubber latex film after aging treatment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 309, 012101.	0.6	0
14	Tensile properties of polypropylene waste/modified bagasse flour/E-type glass fiber flour hybrid composite: The effect of maleic anhydride-g-polypropylene addition. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
15	Process optimization of manufacturing nanocrystalline cellulose from rattan biomass using sulfuric acid. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
16	The Effect of Drying Temperature on Natural Rubber Latex (NRL) Films with Modification of Nanocrystal Cellulose (NCC) Filler. <i>Journal of Physics: Conference Series</i> , 2018, 1028, 012061.	0.4	1
17	Physical properties of sago starch biocomposite filled with Nanocrystalline Cellulose (NCC) from rattan biomass: the effect of filler loading and co-plasticizer addition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 309, 012033.	0.6	8
18	Effect of cellulose nanocrystals (CNC) addition and citric acid as co-plasticizer on physical properties of sago starch biocomposite. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	6

#	ARTICLE	IF	CITATIONS
19	Preparation and Characterization of Cellulose Microcrystalline (MCC) from Fiber of Empty Fruit Bunch Palm Oil. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012007.	0.6	25
20	The effect of cellulose nanocrystal (CNC) from rattan biomass as filler and citric acid as co-plasticizer on tensile properties of sago starch biocomposite. AIP Conference Proceedings, 2017, . .	0.4	0
21	Physicochemical properties and characteristics of microcrystalline cellulose derived from the cellulose of oil palm empty fruit bunch. IOP Conference Series: Materials Science and Engineering, 2017, 223, 012056.	0.6	1
22	The Effect of Dynamic Vulcanization on the Properties of Polypropylene/Ethylene-Propylene Diene Terpolymer/Natural Rubber (PP/EPDM/NR) Ternary Blend. Polymer-Plastics Technology and Engineering, 2008, 48, 34-41.	1.9	10
23	The Effect of HVA-2 Addition on the Properties of PP–EPDM–NR Ternary Blends. Journal of Elastomers and Plastics, 2005, 37, 55-72.	1.5	12
24	The Effects of Dynamic Vulcanization by Dicumyl Peroxide (DCP) and N,N-m-Phenylene Bismaleimide (HVA-2) on the Properties of Polypropylene (PP)/Ethylene-Propylene Diene Terpolymer (EPDM)/Natural Rubber (NR) Blends. Polymer-Plastics Technology and Engineering, 2005, 44, 1217-1234.	1.9	10
25	The Effect of Dicumyl Peroxide Vulcanization on the Properties & Morphology of Polypropylene/Ethylene-Propylene Diene Terpolymer/Natural Rubber Blends. International Journal of Polymeric Materials and Polymeric Biomaterials, 2005, 54, 1169-1183.	3.4	5
26	Flow Behavior of Polypropylene/Ethylene-Propylene Diene Terpolymer/Natural Rubber (PP/EPDM/NR) Blends by Torque Rheometer: The Effect of N,N-m-Phenylene Bismaleimide (HVA-2) Addition. Polymer-Plastics Technology and Engineering, 2005, 44, 1429-1442.	1.9	10
27	Thermoplastic Elastomer Based on PP/EPDM/ENR25 and PP/EPDM/NR Blends. Polymer-Plastics Technology and Engineering, 2004, 43, 357-368.	1.9	19