

Baharin Bin Azahari

List of Publications by Year in descending order

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911
citations

643344

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1078
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#	ARTICLE	IF	CITATIONS
1	Adhesion property of crosslinked epoxidized (natural rubber)/(acrylonitrile-butadiene) rubber blend adhesives in the presence of petro resin tackifier. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, 93-98.	1.8	0
2	Effect of synthetic material on angle dependency of flame spread behavior over combined fabric. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	4
3	Preliminary study of semi-refined carrageenan (SRC) as secondary gelling agent in natural rubber (NR) latex foam. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
4	Crosslinking of fibers via azide-alkyne click chemistry: Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	11
5	Production of Laminated Natural Fibre Board from Banana Tree Wastes. <i>Procedia Chemistry</i> , 2016, 19, 999-1006.	0.7	12
6	The Effect of Banana Leaves Lamination on the Mechanical Properties of Particle Board Panel. <i>Procedia Chemistry</i> , 2016, 19, 943-948.	0.7	9
7	Effect of Ball Milled and Ultrasonic Sago Starch Dispersion on Sago Starch Filled Natural Rubber Latex (SSNRL) Films. <i>Procedia Chemistry</i> , 2016, 19, 782-787.	0.7	19
8	Effect of Magnesium Oxide Loading on Adhesion Properties of ENR 25/NBR Blend Adhesives in the Presence of Petro Resin and Gum Rosin Tackifiers. <i>Journal of Polymers and the Environment</i> , 2016, 24, 334-342.	2.4	5
9	Effect of Different Preparation Methods on Crosslink density and Mechanical Properties of Carrageenan filled Natural Rubber (NR) Latex Films. <i>Procedia Chemistry</i> , 2016, 19, 986-992.	0.7	22
10	Effect of Testing Rate on Adhesion Properties of Benzoyl-Peroxide-Cured ENR 25/NBR Blend Adhesive Using Gum Rosin and Coumarone-Indene Resin as Tackifiers. <i>Journal of Adhesion</i> , 2016, 92, 135-146.	1.8	2
11	Crosslinking of Kapok Cellulose Fiber via Azide Alkyne Click Chemistry as a New Material for Filtering System: A Preliminary Study. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2016, 6, 16.	0.2	1
12	Influence of banana stem powder on knotty tear behaviour of prevulcanised natural rubber latex composite films. <i>Plastics, Rubber and Composites</i> , 2015, 44, 265-272.	0.9	4
13	Carbonization of <i>Elaeis guineensis</i> frond fiber: Effect of heating rate and nitrogen gas flow rate for adsorbent properties enhancement. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 37-44.	2.9	17
14	Optimization of the column studies into the adsorption of basic dye using tartaric acid-treated bagasse. <i>Desalination and Water Treatment</i> , 2014, 52, 6194-6205.	1.0	10
15	Storage studies of bread prepared by incorporation of the banana pseudo-stem flour and the composite breads containing hydrocolloids. <i>CYTA - Journal of Food</i> , 2014, 12, 141-149.	0.9	12
16	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.	0.2	1
17	Imparting antimicrobial properties to natural rubber latex foam via green synthesized silver nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	12
18	Enhancement of the antibacterial activity of natural rubber latex foam by the incorporation of zinc oxide nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	27

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19	Adsorption of Rhodamine B Dye on <i>Elaeis guineensis</i> Frond Fiber. <i>Separation Science and Technology</i> , 2014, 49, 1104-1118.	1.3	11
20	Physico-chemical characteristics and sensory evaluation of wheat bread partially substituted with banana (<i>Musa acuminata</i> X <i>balbisiana</i> cv. Awak) pseudo-stem flour. <i>Food Chemistry</i> , 2013, 139, 532-539.	4.2	79
21	Adsorption Studies of Methylene Blue and Malachite Green From Aqueous Solutions by Pretreated Lignocellulosic Materials. <i>Separation Science and Technology</i> , 2013, 48, 1688-1698.	1.3	61
22	Novel Method of Incorporating Silver Nanoparticles into Natural Rubber Latex Foam. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 885-891.	1.9	9
23	Synthesis and Characterization of Nano-Silver Incorporated Natural Rubber Latex Foam. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 605-611.	1.9	33
24	Effect of interlocking between porous epoxy microparticles and elastomer on mechanical properties and deformation modes. <i>Polymer Testing</i> , 2012, 31, 931-937.	2.3	6
25	Studies on the Adsorption of Methylene Blue Dye from Aqueous Solution onto Low-Cost Tartaric Acid Treated Bagasse. <i>APCBEE Procedia</i> , 2012, 1, 103-109.	0.5	25
26	Synthesis and characterization of nano silver based natural rubber latex foam for imparting antibacterial and anti-fungal properties. <i>Polymer Testing</i> , 2012, 31, 586-592.	2.3	75
27	Preparation of poly(methyl methacrylate) and polystyrene-composite-filled porous epoxy microparticles via in-situ suspension polymerization. <i>Polymer Testing</i> , 2011, 30, 841-847.	2.3	4
28	Porous epoxy microparticles prepared by an advanced aqueous method. <i>Materials Letters</i> , 2011, 65, 1655-1658.	1.3	8
29	Chemical and functional properties of the native banana (<i>Musa acuminata</i> — <i>balbisiana</i> Colla cv. Awak) pseudo-stem and pseudo-stem tender core flours. <i>Food Chemistry</i> , 2011, 128, 748-753.	4.2	69
30	Comparative Study of Two Twin Liquid-Crystalline Diglycidyl Ethers Containing Azomethine Moieties. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 537, 128-140.	0.4	1
31	Production of novel epoxy micro-balloons. <i>Materials Letters</i> , 2009, 63, 827-829.	1.3	11
32	<i>In-vitro</i> digestibility and amino acid composition of soy protein isolate cross-linked with microbial transglutaminase followed by heating with ribose. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 99-108.	1.3	12
33	Silica-filled polypropylene composites: The effect of ethylene diamine dilaurate and maleic anhydride grafted polypropylene on mechanical properties, water absorption, morphology, and thermal properties. <i>Polymer Composites</i> , 2008, 29, 1169-1176.	2.3	8
34	Effect of acid treatment on extractable protein content, crosslink density and tensile properties of natural rubber latex films. <i>Polymer Testing</i> , 2008, 27, 823-826.	2.3	24
35	Effect of soaking in potassium hydroxide solution on the curing, tensile properties and extractable protein content of natural rubber latex films. <i>Polymer Testing</i> , 2008, 27, 1013-1016.	2.3	18
36	Waste Paper Filled Polypropylene Composites: the Comparison Effect of Ethylene Diamine Dilaurate as a New Compatibilizer with Maleic Anhydride Polypropylene. <i>Journal of Reinforced Plastics and Composites</i> , 2007, 26, 51-67.	1.6	6

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37	Effect of nanosized calcium carbonate on the mechanical properties of latex films. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1550-1556.	1.3	41
38	The Effect of Ethylene Diamine Dilaurate and Silane Coupling Agent on Cure Characteristics, Mechanical, and Thermal Properties of Silica-Filled Natural Rubber Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2005, 44, 1657-1669.	1.9	2
39	The Effect of Bis(3-Triethoxysilylpropyl) Tetrasulfide on Silica Reinforcement of Styrene-Butadiene Rubber. <i>Rubber Chemistry and Technology</i> , 1998, 71, 289-299.	0.6	189
40	An investigation of the potential of rice husk ash as a filler for epoxidized natural rubber. II. Fatigue behaviour. <i>European Polymer Journal</i> , 1997, 33, 73-79.	2.6	36
41	Preparations and Characterization of Sago Starch Dispersion and Modification. <i>Advanced Materials Research</i> , 0, 620, 395-399.	0.3	2
42	Effect of Cleaning Agent on Tensile and Swelling Properties of Natural Rubber Latex Film. <i>Advanced Materials Research</i> , 0, 858, 46-51.	0.3	1
43	The Effect of Pre-Vulcanization Temperature on Mechanical and Rheological Properties of Starch Filled Natural Rubber Latex Compounds. <i>Advanced Materials Research</i> , 0, 858, 184-189.	0.3	0
44	Soil Burial Studies for Biodegradation of Natural Rubber Latex Films. <i>Advanced Materials Research</i> , 0, 844, 406-409.	0.3	5
45	The Influence of Starch Gelatinization on Mechanical Properties of Natural Rubber Latex Films. <i>Advanced Materials Research</i> , 0, 1024, 184-188.	0.3	1
46	Effect of Different Thickness of Core Layer on Tensile Properties of Laminated Natural Rubber Latex Film. <i>Advanced Materials Research</i> , 0, 1024, 259-262.	0.3	1
47	The sorption of cadmium(II) ions on mercerized rice husk and activated carbon. <i>Turkish Journal of Chemistry</i> , 0, , .	0.5	4