

Sani A Samsudin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

640
citations

933447

10
h-index

839539

18
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20
all docs

20
docs citations

20
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	Current developments in chemical recycling of post-consumer polyethylene terephthalate wastes for new materials production: A review. <i>Journal of Cleaner Production</i> , 2019, 225, 1052-1064.	9.3	262
2	Natural Fiber-Reinforced Polycaprolactone Green and Hybrid Biocomposites for Various Advanced Applications. <i>Polymers</i> , 2022, 14, 182.	4.5	121
3	Influence of exfoliated graphite nanoplatelets on the flammability and thermal properties of polyethylene terephthalate/polypropylene nanocomposites. <i>Polymer Degradation and Stability</i> , 2014, 110, 137-148.	5.8	55
4	Mechanical and thermal properties of exfoliated graphite nanoplatelets reinforced polyethylene terephthalate/polypropylene composites. <i>Polymer Composites</i> , 2014, 35, 2029-2035.	4.6	53
5	Effects of compatibilizers on mechanical properties of PET/PP blend. <i>Composite Interfaces</i> , 2013, 20, 507-515.	2.3	38
6	Interface modification of compatibilized polyethylene terephthalate/polypropylene blends: Effect of compatibilization on thermomechanical properties and thermal stability. <i>Journal of Vinyl and Additive Technology</i> , 2017, 23, 45-54.	3.4	18
7	Comparison of mechanical properties and thermal stability of graphene-based materials and halloysite nanotubes reinforced maleated polymer compatibilized polypropylene nanocomposites. <i>Polymer Composites</i> , 2022, 43, 1852-1863.	4.6	15
8	Effect of SEBS on the Mechanical Properties and Miscibility of Polystyrene Rich Polystyrene/Polypropylene Blends. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2005, 21, 261-276.	1.8	13
9	A review on the potential of polyhydroxyalkanoates production from oil-based substrates. <i>Journal of Environmental Management</i> , 2021, 298, 113461.	7.8	12
10	Miscibility in cyclic poly(butylene terephthalate) and styrene maleimide blends prepared by solid dispersion and <i>in situ</i> polymerization of cyclic butylene terephthalate oligomers within styrene maleimide. <i>Journal of Applied Polymer Science</i> , 2012, 126, E290.	2.6	10
11	The effect of a secondary process on polymer crystallization kinetics – 3. Co-poly (lactic acid). <i>European Polymer Journal</i> , 2017, 94, 311-321.	5.4	9
12	Development of partial miscibility in polycarbonate/polypropylene blends via annealing. <i>Journal of Polymer Engineering</i> , 2017, 37, 707-714.	1.4	6
13	Mechanical properties of rice husk and rice husk ash filled maleated polymers compatibilized polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51702.	2.6	6
14	The equilibrium melting temperature and isothermal crystallisation kinetics of cyclic poly(butylene terephthalate). <i>Journal of Applied Polymer Science</i> , 2013, 114, 1307-1315.	3.6	5
15	Mechanical Properties of Chitosan Modified Montmorillonite Filled Tapioca Starch Nanocomposite Films. <i>Advanced Materials Research</i> , 2013, 686, 145-154.	0.3	5
16	Crystallisation kinetics of cyclic and linear poly (butylene terephthalate). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 457-463.	3.6	5
17	Influence of different surface treatment techniques on properties of rice husk incorporated polymer composites. <i>Reviews in Chemical Engineering</i> , 2019, .	4.4	5
18	Color detection using non-target reflectivity plastic optical fiber displacement sensor. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 3640-3644.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Effect of Compatibilizer Content on the Mechanical and Morphological Properties of PET/PP (70/30) Blends. <i>Applied Mechanics and Materials</i> , 2015, 735, 70-74.	0.2	0
20	Elucidating the Capabilities of Mirrorless Large Core Bundled Plastic Fiber Optic Displacement Sensor for Paracetamol Detection. <i>Journal of Sensors</i> , 2021, 2021, 1-16.	1.1	0