Sani A Samsudin

List of Publications by Year
in descending order

20 papers	640 citations	933447 10 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	729 citing authors

#	Article	IF	Citations
1	Mechanical properties of rice husk and rice husk ash filled maleated polymers compatibilized polypropylene composites. Journal of Applied Polymer Science, 2022, 139, 51702.	2.6	6
2	Natural Fiber-Reinforced Polycaprolactone Green and Hybrid Biocomposites for Various Advanced Applications. Polymers, 2022, 14, 182.	4.5	121
3	Comparison of mechanical properties and thermal stability of grapheneâ€based materials and halloysite nanotubes reinforced maleated polymer compatibilized polypropylene nanocomposites. Polymer Composites, 2022, 43, 1852-1863.	4.6	15
4	Elucidating the Capabilities of Mirrorless Large Core Bundled Plastic Fiber Optic Displacement Sensor for Paracetamol Detection. Journal of Sensors, 2021, 2021, 1-16.	1.1	0
5	A review on the potential of polyhydroxyalkanoates production from oil-based substrates. Journal of Environmental Management, 2021, 298, 113461.	7.8	12
6	Color detection using nonâ€target reflectivity plastic optical fiber displacement sensor. Microwave and Optical Technology Letters, 2020, 62, 3640-3644.	1.4	2
7	Current developments in chemical recycling of post-consumer polyethylene terephthalate wastes for new materials production: AÂreview. Journal of Cleaner Production, 2019, 225, 1052-1064.	9.3	262
8	Influence of different surface treatment techniques on properties of rice husk incorporated polymer composites. Reviews in Chemical Engineering, 2019, .	4.4	5
9	Interface modification of compatibilized polyethylene terephthalate/polypropylene blends: Effect of compatibilization on thermomechanical properties and thermal stability. Journal of Vinyl and Additive Technology, 2017, 23, 45-54.	3.4	18
10	Crystallisation kinetics of cyclic and linear poly (butylene terephthalate). Journal of Thermal Analysis and Calorimetry, 2017, 128, 457-463.	3.6	5
11	Development of partial miscibility in polycarbonate/polypropylene blends via annealing. Journal of Polymer Engineering, 2017, 37, 707-714.	1.4	6
12	The effect of a secondary process on polymer crystallization kinetics â€“ 3. Co-poly (lactic acid). European Polymer Journal, 2017, 94, 311-321.	5.4	9
13	Effect of Compatibilizer Content on the Mechanical and Morphological Properties of PET/PP (70/30) Blends. Applied Mechanics and Materials, 2015, 735, 70-74.	0.2	0
14	Mechanical and thermal properties of exfoliated graphite nanoplatelets reinforced polyethylene terephthalate/polypropylene composites. Polymer Composites, 2014, 35, 2029-2035.	4.6	53
15	Influence of exfoliated graphite nanoplatelets on the flammability and thermal properties of polyethylene terephthalate/polypropylene nanocomposites. Polymer Degradation and Stability, 2014, 110, 137-148.	5.8	55
16	The equilibrium melting temperature and isothermal crystallisation kinetics of cyclic poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2013, 114, 1307-1315.	3.6	5
17	Effects of compatibilizers on mechanical properties of PET/PP blend. Composite Interfaces, 2013, 20, 507-515.	2.3	38
18	Mechanical Properties of Chitosan Modified Montmorillonite Filled Tapioca Starch Nanocomposite Films. Advanced Materials Research, 2013, 686, 145-154.	0.3	5

#	Article	IF	Citations
19	Miscibility in cyclic poly(butylene terephthalate) and styrene maleimide blends prepared by solidâ€dispersion and in situ polymerization of cyclic butylene terephthalate oligomers within styrene maleimide. Journal of Applied Polymer Science, 2012, 126, E290.	2.6	10
20	Effect of SEBS on the Mechanical Properties and Miscibility of Polystyrene Rich Polystyrene/ Polypropylene Blends. Progress in Rubber, Plastics and Recycling Technology, 2005, 21, 261-276.	1.8	13