

# Arputham Arul Jeya Kumar

## List of Publications by Year in descending order

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17  
papers

136  
citations

1307594

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1372567

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18  
all docs

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docs citations

18  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear characterization of basalt fiber reinforced polypropylene/polylactic acid hybrid polymer composite. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 250-258.	1.8	3
2	Dynamic Mechanical Behavior of Basalt/aramid Hybrid Fiber Reinforced Uhmwpe Light Weight Composite. Journal of Natural Fibers, 2022, 19, 8555-8567.	3.1	2
3	A Review on the Mechanical Properties of Natural Fiber Reinforced Compressed Earth Blocks. Journal of Natural Fibers, 2022, 19, 7687-7701.	3.1	14
4	Wear and Morphological Analysis on Basalt/Sisal Hybrid Fiber Reinforced Poly lactic acid Composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2022, 236, 1053-1066.	1.1	4
5	Influence of chopped fibers on the interfacial bonding of glass fiber reinforced epoxy skin/polyurethane core in a sandwich composite. Polymer Composites, 2022, 43, 5563-5572.	4.6	4
6	Thermal Characterization of Flax/Basalt Fiber Reinforced Phenol Resin Brake Pad Material: Effective Replacement of Asbestos. Journal of Natural Fibers, 2021, 18, 1384-1394.	3.1	14
7	Investigation on the mechanical and ageing properties of acrylic rubber reinforced halloysite nanotubes/carbon black hybrid composites. Journal of Elastomers and Plastics, 2021, 53, 653-671.	1.5	9
8	Studies the effect of halloysite nanotubes on the mechanical and hot air ageing properties of nitrile-polyvinyl chloride rubber nano-composites. Materials Today: Proceedings, 2021, 43, 1730-1739.	1.8	9
9	Experimental Investigation on the Influence of Tool Geometry in Minimum Chip Thickness of Microendmilling Using Cutting Force Analysis. Lecture Notes in Mechanical Engineering, 2021, , 567-581.	0.4	0
10	Thermal properties of basalt/Cissus quadrangularis hybrid fiber reinforced polylactic acid biomedical composites. Journal of Thermal Analysis and Calorimetry, 2020, 141, 717-725.	3.6	13
11	Mechanical and morphological characterization of basalt/<i>Cissus quadrangularis</i> hybrid fiber reinforced polylactic acid composites. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 2895-2907.	2.1	19
12	Mechanical characterization of polylactic acid reinforced bagasse/basalt hybrid fiber composites. Journal of Composite Materials, 2019, 53, 33-43.	2.4	19
13	Wear Behavior of Chitosanâ€Filled Polylactic Acid/Basalt Fiber Hybrid Composites. Advances in Polymer Technology, 2018, 37, 898-905.	1.7	9
14	Wear Study on Basalt, Flax and Hybrid Fiber Reinforced Phenolic Composites. Journal of Advanced Microscopy Research, 2018, 13, 65-71.	0.3	2
15	Mechanical Characteristics of Chitosan Dispersed Poly Lactic Acid/Basalt Fiber Hybrid Composites. Journal of Advanced Microscopy Research, 2018, 13, 54-60.	0.3	0
16	Thermal characteristics of chitosan dispersed poly lactic acid/basalt hybrid composites. Materials Express, 2016, 6, 337-343.	0.5	11
17	Thermal characterizations of basalt fiber-reinforced poly(aryl-ether-ketone) biomedical composites. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	4