

# Yoganandam K

## List of Publications by Year in descending order

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18  
papers

241  
citations

1162367

8  
h-index

996533

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization studies on <i>Calotropis procera</i> fibers and their performance as reinforcements in epoxy matrix. <i>Journal of Natural Fibers</i> , 2020, 17, 1706-1718.	1.7	57
2	Thermogravimetric analysis of <i>Calotropis procera</i> fibers and their influence on the thermal conductivity and flammability studies of polymer composites. <i>Materials Research Express</i> , 2019, 6, 105341.	0.8	29
3	Effect of chemical treatment on natural fiber for use in fiber reinforced composites – Review. <i>Materials Today: Proceedings</i> , 2020, 33, 2996-2999.	0.9	28
4	EMISSIONS AND PERFORMANCE INVESTIGATION ON THE EFFECT OF DUAL FUEL INJECTION IN BIODIESEL DRIVEN DIESEL ENGINE. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-11.	1.2	22
5	Modified Friction Stir Clinching of AA5754-O to AA6061-T6: The role of shoulder feature on the metallurgical and mechanical properties. <i>Vacuum</i> , 2021, 187, 110109.	1.6	20
6	Mechanical properties of alkali-treated Madar and Gongura fibre-reinforced polymer composites. <i>International Journal of Ambient Energy</i> , 2020, 41, 849-850.	1.4	17
7	Energy absorption and damage behaviour of surface treated glass fibre/stainless steel wire mesh reinforced hybrid composites. <i>Materials Today: Proceedings</i> , 2020, 22, 1078-1084.	0.9	15
8	Optimization of wear parameters of aluminium composites (AA7150/10 wt%WC) employing Taguchi approach. <i>Materials Today: Proceedings</i> , 2020, 33, 4742-4745.	0.9	11
9	Mechanical properties of titanium matrix composites fabricated via powder metallurgy method. <i>Materials Today: Proceedings</i> , 2020, 33, 3243-3247.	0.9	9
10	Mechanical and Micro Structural Characterization of Al6082-TiO <sub>2</sub> Metal Matrix Composites produced via Compo Casting Method. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.5	8
11	Evaluation of tribological behaviour of AA7178/Gr composites using Taguchi optimization technique. <i>Materials Today: Proceedings</i> , 2020, 33, 4691-4695.	0.9	6
12	Investigation of mechanical properties and corrosion performance of CNT coated on EN8 mild steel. <i>Materials Today: Proceedings</i> , 2021, 46, 4224-4227.	0.9	5
13	Mechanical properties of a natural fiber reinforced with polylactic acid – Review. <i>Materials Today: Proceedings</i> , 2020, 33, 3061-3062.	0.9	4
14	Assessment of thermal insulation and flame retardancy of cellulose fibers reinforced polymer composites for automobile interiors. <i>Journal of Natural Fibers</i> , 0, , 1-9.	1.7	4
15	Evaluation of mechanical properties of Arecanut and Kevlar fiber with epoxy resins. <i>Materials Today: Proceedings</i> , 2021, 46, 4250-4253.	0.9	3
16	Mechanical properties analysis of hybrid composites prepared by stir casting approach. <i>Materials Today: Proceedings</i> , 2021, 46, 4215-4218.	0.9	2
17	Part design modifications to improve productivity in a dental chewing simulation testing machine. <i>Materials Today: Proceedings</i> , 2021, 37, 1685-1689.	0.9	1
18	Investigation on mechanical properties of calotropis procera fiber reinforced poly lactic acid. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	0