

# Yoganandam K

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4126040/publications.pdf>

Version: 2024-02-01

18  
papers

241  
citations

1163117  
8  
h-index

996975  
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. Journal of Natural Fibers, 2020, 17, 1706-1718.	3.1	57
2	Thermogravimetric analysis of <i>Calotropis procera</i> fibers and their influence on the thermal conductivity and flammability studies of polymer composites. Materials Research Express, 2019, 6, 105341.	1.6	29
3	Effect of chemical treatment on natural fiber for use in fiber reinforced composites – Review. Materials Today: Proceedings, 2020, 33, 2996-2999.	1.8	28
4	EMISSIONS AND PERFORMANCE INVESTIGATION ON THE EFFECT OF DUAL FUEL INJECTION IN BIODIESEL DRIVEN DIESEL ENGINE. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-11.	2.3	22
5	Modified Friction Stir Clinching of AA5754-O to AA6061-T6: The role of shoulder feature on the metallurgical and mechanical properties. Vacuum, 2021, 187, 110109.	3.5	20
6	Mechanical properties of alkali-treated Madar and Gongura fibre-reinforced polymer composites. International Journal of Ambient Energy, 2020, 41, 849-850.	2.5	17
7	Energy absorption and damage behaviour of surface treated glass fibre/stainless steel wire mesh reinforced hybrid composites. Materials Today: Proceedings, 2020, 22, 1078-1084.	1.8	15
8	Optimization of wear parameters of aluminium composites (AA7150/10 wt%WC) employing Taguchi approach. Materials Today: Proceedings, 2020, 33, 4742-4745.	1.8	11
9	Mechanical properties of titanium matrix composites fabricated via powder metallurgy method. Materials Today: Proceedings, 2020, 33, 3243-3247.	1.8	9
10	Mechanical and Micro Structural Characterization of Al6082-TiO <sub>2</sub> Metal Matrix Composites produced via Compo Casting Method. Indian Journal of Science and Technology, 2016, 9, .	0.7	8
11	Evaluation of tribological behaviour of AA7178/Gr composites using Taguchi optimization technique. Materials Today: Proceedings, 2020, 33, 4691-4695.	1.8	6
12	Investigation of mechanical properties and corrosion performance of CNT coated on EN8 mild steel. Materials Today: Proceedings, 2021, 46, 4224-4227.	1.8	5
13	Mechanical properties of a natural fiber reinforced with polylactic acid – Review. Materials Today: Proceedings, 2020, 33, 3061-3062.	1.8	4
14	Assessment of thermal insulation and flame retardancy of cellulose fibers reinforced polymer composites for automobile interiors. Journal of Natural Fibers, 0, , 1-9.	3.1	4
15	Evaluation of mechanical properties of Arecanut and Kevlar fiber with epoxy resins. Materials Today: Proceedings, 2021, 46, 4250-4253.	1.8	3
16	Mechanical properties analysis of hybrid composites prepared by stir casting approach. Materials Today: Proceedings, 2021, 46, 4215-4218.	1.8	2
17	Part design modifications to improve productivity in a dental chewing simulation testing machine. Materials Today: Proceedings, 2021, 37, 1685-1689.	1.8	1
18	Investigation on mechanical properties of calotropis procera fiber reinforced poly lactic acid. Materials Today: Proceedings, 2021, , .	1.8	0