

Neelakantha V Londe

List of Publications by Year in descending order

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papers

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22
all docs

22
docs citations

22
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on fracture toughness of carbon-carbon composites at low temperatures. Materials Today: Proceedings, 2022, 52, 1565-1569.	1.8	2
2	On Mechanical Response of Aluminum Alloys in Corrosive Environment. International Journal of Integrated Engineering, 2022, 14, .	0.4	0
3	A review on the effects of input parameters & filler composition on delamination during machining of FRP composites. Materials Today: Proceedings, 2021, 46, 2607-2611.	1.8	9
4	Estimation of fracture toughness (K _{IC}) using Charpy impact test for Al6061T6 and Al7075T6 alloys subjected to corrosion. Materials Today: Proceedings, 2021, 46, 2414-2420.	1.8	2
5	Experimental investigation on Mode-I fracture toughness of Carbon-Carbon composites fabricated by preformed yarn method. Materials Today: Proceedings, 2021, 46, 2431-2435.	1.8	3
6	Influence of Oxidation on Fracture Toughness of Carbon-Carbon Composites for High-Temperature Applications. Frattura Ed Integrita Strutturale, 2021, 15, 105-113.	0.9	3
7	Influence of Precracking Techniques on Fracture Toughness of Carbon-Carbon Composites. International Journal of Integrated Engineering, 2021, 13, .	0.4	0
8	Fracture Toughness Analysis of Automotive-Grade Dual-Phase Steel Using Essential Work of Fracture (EWF) Method. Metals, 2020, 10, 1019.	2.3	9
9	Characterization of Aluminium Iron Intermetallic Produced by Stir Casting. International Journal of Vehicle Structures and Systems, 2020, 12, .	0.2	1
10	Experimental analysis on effect of various fillers on mechanical properties of glass fiber reinforced polymer composites. AIP Conference Proceedings, 2019, , .	0.4	6
11	A Review on Deterioration of Mechanical Behaviour of High Strength Materials under Corrosive Environment. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012106.	0.6	4
12	A Study on Mechanical Properties of Al-17Si Metal Matrix Composites. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012100.	0.6	6
13	Study On Mechanical & Cryogenic Properties of Carbon Epoxy Composites. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012047.	0.6	5
14	Mode I Fracture Characterization of Banana Fibre Reinforced Polymer Composite. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012041.	0.6	2
15	Mechanical and Wear Characteristics of ZrSiO ₄ Reinforced Aluminium Metal Matrix Composite. International Journal of Civil Mechanical and Energy Science, 2018, 4, 26-30.	0.5	0
16	Effect of Accelerated Ageing on Hardness and Flexural Behaviour of Woven fabric Glass/ Carbon Hybrid Epoxy Composites. Materials Today: Proceedings, 2017, 4, 10751-10756.	1.8	2
17	Effect of Geometric Discontinuity on Stress Concentration Factor of Al6061T6 Alloy under Bending Load. Materials Today: Proceedings, 2017, 4, 11039-11043.	1.8	3
18	Automatic Gas Stove with Advanced Safety Features. International Journal of Recent Contributions From Engineering, Science & IT, 2015, 3, 35.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Determination of fracture toughness and fatigue crack growth rate using circumferentially cracked round bar specimens of Al2014T651. Aerospace Science and Technology, 2015, 47, 92-97.	4.8	10
20	Investigation of Mechanical Properties of AlFe Intermetallic Composite. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
21	Experimental determination of spring back and thinning effect of aluminum sheet metal during L-bending operation. Materials & Design, 2014, 56, 613-619.	5.1	18
22	Effect of fiber weight fraction on mechanical properties of carbon-carbon composites. Polymer Composites, 2012, 33, 1329-1334.	4.6	5