

Neelakantha V Londe

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

92
citations

1684188

5
h-index

1474206

9
g-index

22
all docs

22
docs citations

22
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental determination of spring back and thinning effect of aluminum sheet metal during L-bending operation. <i>Materials & Design</i> , 2014, 56, 613-619.	5.1	18
2	Determination of fracture toughness and fatigue crack growth rate using circumferentially cracked round bar specimens of Al2014T651. <i>Aerospace Science and Technology</i> , 2015, 47, 92-97.	4.8	10
3	Fracture Toughness Analysis of Automotive-Grade Dual-Phase Steel Using Essential Work of Fracture (EWF) Method. <i>Metals</i> , 2020, 10, 1019.	2.3	9
4	A review on the effects of input parameters & filler composition on delamination during machining of FRP composites. <i>Materials Today: Proceedings</i> , 2021, 46, 2607-2611.	1.8	9
5	A Study on Mechanical Properties of Al-17Si Metal Matrix Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 376, 012100.	0.6	6
6	Experimental analysis on effect of various fillers on mechanical properties of glass fiber reinforced polymer composites. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	6
7	Effect of fiber weight fraction on mechanical properties of carbon-carbon composites. <i>Polymer Composites</i> , 2012, 33, 1329-1334.	4.6	5
8	Study On Mechanical & Cryogenic Properties of Carbon Epoxy Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 376, 012047.	0.6	5
9	A Review on Deterioration of Mechanical Behaviour of High Strength Materials under Corrosive Environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 376, 012106.	0.6	4
10	Effect of Geometric Discontinuity on Stress Concentration Factor of Al6061T6 Alloy under Bending Load. <i>Materials Today: Proceedings</i> , 2017, 4, 11039-11043.	1.8	3
11	Experimental investigation on Mode-I fracture toughness of Carbon-Carbon composites fabricated by preformed yarn method. <i>Materials Today: Proceedings</i> , 2021, 46, 2431-2435.	1.8	3
12	Influence of Oxidation on Fracture Toughness of Carbon-Carbon Composites for High-Temperature Applications. <i>Frattura Ed Integrita Strutturale</i> , 2021, 15, 105-113.	0.9	3
13	Automatic Gas Stove with Advanced Safety Features. <i>International Journal of Recent Contributions From Engineering, Science & IT</i> , 2015, 3, 35.	1.5	2
14	Effect of Accelerated Ageing on Hardness and Flexural Behaviour of Woven fabric Glass/ Carbon Hybrid Epoxy Composites. <i>Materials Today: Proceedings</i> , 2017, 4, 10751-10756.	1.8	2
15	Mode I Fracture Characterization of Banana Fibre Reinforced Polymer Composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 376, 012041.	0.6	2
16	Estimation of fracture toughness (K _{IC}) using Charpy impact test for Al6061T6 and Al7075T6 alloys subjected to corrosion. <i>Materials Today: Proceedings</i> , 2021, 46, 2414-2420.	1.8	2
17	Study on fracture toughness of carbon-carbon composites at low temperatures. <i>Materials Today: Proceedings</i> , 2022, 52, 1565-1569.	1.8	2
18	Characterization of Aluminium Iron Intermetallic Produced by Stir Casting. <i>International Journal of Vehicle Structures and Systems</i> , 2020, 12, .	0.2	1

#	ARTICLE	IF	CITATIONS
19	Investigation of Mechanical Properties of AlFe Intermetallic Composite. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
20	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
21	Influence of Pre-cracking Techniques on Fracture Toughness of Carbon-Carbon Composites. International Journal of Integrated Engineering, 2021, 13, .	0.4	0
22	On Mechanical Response of Aluminum Alloys in Corrosive Environment. International Journal of Integrated Engineering, 2022, 14, .	0.4	0