

Shashidhar K Kudari

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

104
citations

1478505

6
h-index

1474206

9
g-index

22
all docs

22
docs citations

22
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on translaminar fracture toughness under mixed mode I/II load for (0/45) [°] orientation unidirectional glass/epoxy composite. <i>Materials Today: Proceedings</i> , 2021, 38, 2629-2632.	1.8	1
2	Experimental investigation to evaluate total energy release rate for unidirectional glass/epoxy composite under Mixed mode-I/II load. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	1.3	1
3	Glass/epoxy fiber orientation effects on translaminar fracture toughness under Mixed mode(I/II) load using FPB specimen. <i>Frattura Ed Integrita Strutturale</i> , 2020, 14, 426-433.	0.9	5
4	Physio-Mechanical Properties and Thermal Analysis of Furcreo Foetedo Mediopicta (ffm) Fibers: Its Potential Application as Reinforcement in Making of Composites. <i>Learning and Analytics in Intelligent Systems</i> , 2020, , 492-500.	0.6	1
5	Frequency Analysis of Aircraft Wing Using FEM. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 527-533.	0.4	0
6	Experimental investigation on the effects of fiber orientation on translaminar fracture toughness for glass-epoxy composite under mixed Mode I/II load. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	5
7	Experimental processing and the effects of cenosphere on some mechanical properties of Al6061-SiC composites. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
8	3D Stress intensity factor and T-stresses (T11 and T33) formulations for a Compact Tension specimen. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 216-225.	0.9	7
9	The Effect of Anodizing Process Parameters on the Fatigue Life of 2024-T-351-Aluminium Alloy. <i>Fatigue of Aircraft Structures</i> , 2017, 2017, 109-115.	0.3	1
10	Studies on effect of pre-crack length variation on Inter-laminar fracture toughness of a Glass Epoxy laminated composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 149, 012161.	0.6	7
11	A new formulation for estimating maximum stress intensity factor at the mid plane of a SENB specimen: Study based on 3D FEA. <i>Frattura Ed Integrita Strutturale</i> , 2014, 8, 419-425.	0.9	2
12	Mixed-mode (I/II) crack initiation direction for elastic-plastic materials based on crack-tip plastic zone. <i>International Journal of Engineering, Science and Technology</i> , 2011, 2, .	0.6	1
13	3D finite element analysis on crack-tip plastic zone. <i>International Journal of Engineering, Science and Technology</i> , 2011, 2, .	0.6	3
14	Fracture Toughness of Glass-Carbon (0/90) _° Fiber Reinforced Polymer Composite – An Experimental and Numerical Study. <i>Journal of Minerals and Materials Characterization and Engineering</i> , 2011, 10, 671-682.	0.4	11
15	On the relationship between stress intensity factor (K) and minimum plastic zone radius (MPZR) for four point bend specimen under mixed mode loading. <i>International Journal of Engineering, Science and Technology</i> , 2010, 2, .	0.6	11
16	Analysis of crack-tip plastic zone in a Compact Tensile Shear (CTS) Specimen. <i>Frattura Ed Integrita Strutturale</i> , 2010, 4, 27-35.	0.9	2
17	Variation of stress intensity factor and elastic T-stress along the crack-front in finite thickness plates. <i>Frattura Ed Integrita Strutturale</i> , 2009, 3, 45-51.	0.9	8
18	Finite Element Analysis of Minimum Plastic Zone Radius criterion for crack initiation direction under mixed mode loading. , 2009, , .		8

#	ARTICLE	IF	CITATIONS
19	Experimental investigation on possible dependence of plastic zone size on specimen geometry. <i>Frattura Ed Integrita Strutturale</i> , 2009, 3, 57-64.	0.9	2
20	On the relationship between J-integral and CTOD for CT and SENB specimens. <i>Frattura Ed Integrita Strutturale</i> , 2008, 2, 3-10.	0.9	5
21	The effect of specimen geometry on plastic zone size: A study using the J integral. <i>Journal of Strain Analysis for Engineering Design</i> , 2007, 42, 125-136.	1.8	22