

# Shashidhar K Kudari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8705492/publications.pdf>

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	The effect of specimen geometry on plastic zone size: A study using the J integral. Journal of Strain Analysis for Engineering Design, 2007, 42, 125-136.	1.8	22
2	On the relationship between stress intensity factor (K) and minimum plastic zone radius (MPZR) for four point bend specimen under mixed mode loading. International Journal of Engineering, Science and Technology, 2010, 2, .	0.6	11
3	Fracture Toughness of Glass-Carbon (0/90)&lt;sub>2</sub>&lt;sub>2</sub> Fiber Reinforced Polymer Composite “ An Experimental and Numerical Study. Journal of Minerals and Materials Characterization and Engineering, 2011, 10, 671-682.	0.4	11
4	Variation of stress intensity factor and elastic T-stress along the crack-front in finite thickness plates. Frattura Ed Integrita Strutturale, 2009, 3, 45-51.	0.9	8
5	Finite Element Analysis of Minimum Plastic Zone Radius criterion for crack initiation direction under mixed mode loading. , 2009, , .		8
6	Studies on effect of pre-crack length variation on Inter-laminar fracture toughness of a Glass Epoxy laminated composite. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012161.	0.6	7
7	3D Stress intensity factor and T-stresses (T11 and T33) formulations for a Compact Tension specimen. Frattura Ed Integrita Strutturale, 2017, 11, 216-225.	0.9	7
8	On the relationship between J-integral and CTOD for CT and SENB specimens. Frattura Ed Integrita Strutturale, 2008, 2, 3-10.	0.9	5
9	Experimental investigation on the effects of fiber orientation on translaminar fracture toughness for glass-epoxy composite under mixed Mode I/II load. AIP Conference Proceedings, 2019, , .	0.4	5
10	Glass/epoxy fiber orientation effects on translaminar fracture toughness under Mixed mode(I/II) load using FPB specimen. Frattura Ed Integrita Strutturale, 2020, 14, 426-433.	0.9	5
11	3D finite element analysis on crack-tip plastic zone. International Journal of Engineering, Science and Technology, 2011, 2, .	0.6	3
12	Analysis of crack-tip plastic zone in a Compact Tensile Shear (CTS) Specimen. Frattura Ed Integrita Strutturale, 2010, 4, 27-35.	0.9	2
13	A new formulation for estimating maximum stress intensity factor at the mid plane of a SENB specimen: Study based on 3D FEA. Frattura Ed Integrita Strutturale, 2014, 8, 419-425.	0.9	2
14	Experimental investigation on possible dependence of plastic zone size on specimen geometry. Frattura Ed Integrita Strutturale, 2009, 3, 57-64.	0.9	2
15	Mixed-mode (I/II) crack initiation direction for elastic-plastic materials based on crack-tip plastic zone. International Journal of Engineering, Science and Technology, 2011, 2, .	0.6	1
16	Experimental processing and the effects of cenosphere on some mechanical properties of Al6061-SiC composites. AIP Conference Proceedings, 2018, , .	0.4	1
17	Experimental investigation to evaluate total energy release rate for unidirectional glass/epoxy composite under Mixed mode-I/II load. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	1
18	Study on translaminar fracture toughness under mixed mode I/II load for (0/45)° orientation unidirectional glass/epoxy composite. Materials Today: Proceedings, 2021, 38, 2629-2632.	1.8	1

#	ARTICLE	IF	CITATIONS
19	The Effect of Anodizing Process Parameters on the Fatigue Life of 2024-T-351-Aluminium Alloy. Fatigue of Aircraft Structures, 2017, 2017, 109-115.	0.3	1
20	Physio-Mechanical Properties and Thermal Analysis of Furcreo Foetedo Mediopicta (ffm) Fibers: Its Potential Application as Reinforcement in Making of Composites. Learning and Analytics in Intelligent Systems, 2020, , 492-500.	0.6	1
21	Frequency Analysis of Aircraft Wing Using FEM. Lecture Notes in Mechanical Engineering, 2020, , 527-533.	0.4	0