Luiz F Kawashita

List of Publications by Year
in descending order

21	687	623734 14	713466 21
papers	citations	h-index	g-index

22	22	22	580
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelling delaminations using adaptive cohesive segments with rotations in dynamic explicit analysis. Engineering Fracture Mechanics, 2021, 245, 107571.	4.3	7
2	Soft body impact on composites: Delamination experiments and advanced numerical modelling. Composites Science and Technology, 2021, 208, 108777.	7.8	6
3	Mesh independent modelling of tensile failure in laminates using mixed-time integration in explicit analysis. Engineering Fracture Mechanics, 2021, 259, 108113.	4.3	2
4	Composites fatigue delamination prediction using double load envelopes and twin cohesive models. Composites Part A: Applied Science and Manufacturing, 2020, 129, 105711.	7.6	14
5	A modified cohesive zone model for fatigue delamination in adhesive joints: Numerical and experimental investigations. Composite Structures, 2019, 225, 111114.	5.8	15
6	Experimental and numerical studies on the braiding of carbon fibres over structured end-fittings for the design and manufacture of high performance hybrid shafts. Production Engineering, 2018, 12, 215-228.	2.3	11
7	An improved delamination fatigue cohesive interface model for complex three-dimensional multi-interface cases. Composites Part A: Applied Science and Manufacturing, 2018, 107, 633-646.	7.6	26
8	Buckling and postbuckling behaviour of Glare laminates containing splices and doublers. Part 2: Numerical modelling. Composite Structures, 2017, 176, 1170-1187.	5.8	21
9	Buckling and postbuckling behaviour of Glare laminates containing splices and doublers. Part 1: Instrumented tests. Composite Structures, 2017, 176, 1158-1169.	5.8	18
10	An integrated numerical model for investigating guided waves in impact-damaged composite laminates. Composite Structures, 2017, 176, 945-960.	5.8	24
11	Using genetic algorithms to optimize an active sensor network on a stiffened aerospace panel with 3D scanning laser vibrometry data. Journal of Physics: Conference Series, 2015, 628, 012116.	0.4	2
12	Damage development in open-hole composite specimens in fatigue. Part 2: Numerical modelling. Composite Structures, 2013, 106, 890-898.	5.8	51
13	A crack tip tracking algorithm for cohesive interface element analysis of fatigue delamination propagation in composite materials. International Journal of Solids and Structures, 2012, 49, 2898-2913.	2.7	115
14	The influence of bond line thickness and peel arm thickness on adhesive fracture toughness of rubber toughened epoxyâ€“aluminium alloy laminates. International Journal of Adhesion and Adhesives, 2008, 28, 199-210.	2.9	49
15	Delta T source location for acoustic emission. Mechanical Systems and Signal Processing, 2007, 21, 1512-1520.	8.0	153
16	A numerical analysis of the elastic-plastic peel test. Engineering Fracture Mechanics, 2006, 73, 2324-2335.	4.3	61
17	A critical investigation of the use of a mandrel peel method for the determination of adhesive fracture toughness of metal-polymer laminates. Engineering Fracture Mechanics, 2006, 73, 2304-2323.	4.3	17
18	Analysis of peel arm curvature for the determination of fracture toughness in metal-polymer laminates. Journal of Materials Science, 2005, 40, 4541-4548.	3.7	22

#	Article	IF	Citations
19	The measurement of cohesive and interfacial toughness for bonded metal joints with epoxy adhesives. Composite Interfaces, 2005, 12, 837-852.	2.3	7
20	Comparison of Peel Tests for Metalâ€“Polymer Laminates for Aerospace Applications. Journal of Adhesion, 2005, 81, 561-586.	3.0	28
21	THE DEVELOPMENT OF A MANDREL PEEL TEST FOR THE MEASUREMENT OF ADHESIVE FRACTURE TOUGHNESS OF EPOXYâ€“METAL LAMINATES. Journal of Adhesion, 2004, 80, 147-167.	3.0	32