

Luiz F Kawashita

List of Publications by Year in descending order

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21
papers

687
citations

623734

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713466

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22
all docs

22
docs citations

22
times ranked

580
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Delta T source location for acoustic emission. Mechanical Systems and Signal Processing, 2007, 21, 1512-1520. | 8.0 | 153 |
| 2 | 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 |
| 3 | A numerical analysis of the elastic-plastic peel test. Engineering Fracture Mechanics, 2006, 73, 2324-2335. | 4.3 | 61 |
| 4 | Damage development in open-hole composite specimens in fatigue. Part 2: Numerical modelling. Composite Structures, 2013, 106, 890-898. | 5.8 | 51 |
| 5 | The influence of bond line thickness and peel arm thickness on adhesive fracture toughness of rubber toughened epoxy-metal aluminium alloy laminates. International Journal of Adhesion and Adhesives, 2008, 28, 199-210. | 2.9 | 49 |
| 6 | THE DEVELOPMENT OF A MANDREL PEEL TEST FOR THE MEASUREMENT OF ADHESIVE FRACTURE TOUGHNESS OF EPOXY-METAL LAMINATES. Journal of Adhesion, 2004, 80, 147-167. | 3.0 | 32 |
| 7 | Comparison of Peel Tests for Metal-Polymer Laminates for Aerospace Applications. Journal of Adhesion, 2005, 81, 561-586. | 3.0 | 28 |
| 8 | 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 |
| 9 | An integrated numerical model for investigating guided waves in impact-damaged composite laminates. Composite Structures, 2017, 176, 945-960. | 5.8 | 24 |
| 10 | 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 |
| 11 | Buckling and postbuckling behaviour of Glare laminates containing splices and doublers. Part 2: Numerical modelling. Composite Structures, 2017, 176, 1170-1187. | 5.8 | 21 |
| 12 | Buckling and postbuckling behaviour of Glare laminates containing splices and doublers. Part 1: Instrumented tests. Composite Structures, 2017, 176, 1158-1169. | 5.8 | 18 |
| 13 | 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 |
| 14 | A modified cohesive zone model for fatigue delamination in adhesive joints: Numerical and experimental investigations. Composite Structures, 2019, 225, 111114. | 5.8 | 15 |
| 15 | 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 |
| 16 | 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 |
| 17 | The measurement of cohesive and interfacial toughness for bonded metal joints with epoxy adhesives. Composite Interfaces, 2005, 12, 837-852. | 2.3 | 7 |
| 18 | Modelling delaminations using adaptive cohesive segments with rotations in dynamic explicit analysis. Engineering Fracture Mechanics, 2021, 245, 107571. | 4.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Soft body impact on composites: Delamination experiments and advanced numerical modelling. Composites Science and Technology, 2021, 208, 108777. | 7.8 | 6 |
| 20 | 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 |
| 21 | Mesh independent modelling of tensile failure in laminates using mixed-time integration in explicit analysis. Engineering Fracture Mechanics, 2021, 259, 108113. | 4.3 | 2 |