

Miguel Figueiredo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,443
citations

623734

14
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Adhesive Type and Thickness on the Lap Shear Strength. <i>Journal of Adhesion</i> , 2006, 82, 1091-1115.	3.0	402
2	Effect of material, geometry, surface treatment and environment on the shear strength of single lap joints. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 621-632.	2.9	336
3	Fatigue behaviour of FSW and MIG weldments for two aluminium alloys. <i>Theoretical and Applied Fracture Mechanics</i> , 2007, 48, 169-177.	4.7	123
4	Comparison of the Mechanical Behaviour Between Stiff and Flexible Adhesive Joints for the Automotive Industry. <i>Journal of Adhesion</i> , 2010, 86, 765-787.	3.0	114
5	Parametric Study of Adhesively Bonded Single Lap Joints by the Taguchi Method. <i>Journal of Adhesion Science and Technology</i> , 2008, 22, 1477-1494.	2.6	83
6	Toughness of a brittle epoxy resin reinforced with micro cork particles: Effect of size, amount and surface treatment. <i>Composites Part B: Engineering</i> , 2017, 114, 299-310.	12.0	71
7	Strain-life and crack propagation fatigue data from several Portuguese old metallic riveted bridges. <i>Engineering Failure Analysis</i> , 2011, 18, 148-163.	4.0	64
8	Fatigue and fracture behaviour of friction stir welded aluminium-lithium 2195. <i>Theoretical and Applied Fracture Mechanics</i> , 2012, 60, 1-9.	4.7	41
9	Ultimate tensile strength optimization of different FSW aluminium alloy joints. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 79, 805-814.	3.0	39
10	Parameter optimisation of friction stir welded dissimilar polymers joints. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 1759-1770.	3.0	21
11	Residual Lifetime Assessment of an Ancient Riveted Steel Road Bridge. <i>Strain</i> , 2011, 47, e402.	2.4	19
12	Temperature field acquisition during gas metal arc welding using thermocouples, thermography and fibre Bragg grating sensors. <i>Measurement Science and Technology</i> , 2007, 18, 877-883.	2.6	17
13	Characterisation of composite bonded single-strap repairs under fatigue loading. <i>International Journal of Mechanical Sciences</i> , 2015, 103, 22-29.	6.7	15
14	Fatigue characterization of a beam-to-column riveted joint. <i>Engineering Failure Analysis</i> , 2019, 103, 95-123.	4.0	15
15	Fatigue crack propagation behaviour in thick steel weldments. <i>International Journal of Structural Integrity</i> , 2012, 3, 184-203.	3.3	11
16	Monotonic and Fracture Behaviours of Bolted Connections with Distinct Bolt Preloads and Surface Treatments. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 304-317.	0.9	9
17	Drilling of Fibre Reinforced Plastic Laminates. <i>Materials Science Forum</i> , 0, 587-588, 706-710.	0.3	8
18	Fatigue Assessment of Inconel 625 Produced by Directed Energy Deposition from Miniaturized Specimens. <i>Metals</i> , 2022, 12, 156.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Fracture analysis of forks of a heavy duty lift truck. <i>Engineering Failure Analysis</i> , 2001, 8, 411-421.	4.0	7
20	Comparison between EDM and grinding machining on fatigue behaviour of AISI D2 tool steel. <i>International Journal of Fatigue</i> , 2020, 139, 105742.	5.7	7
21	Friction Stir Welding of T-Joints in Dissimilar Aluminium Alloys. , 2008, , .		6
22	Tensile Strength of a Brittle Epoxy Resin Reinforced with Micro Cork Particles: Effect of Size, Amount and Surface Treatment. <i>Microscopy and Microanalysis</i> , 2015, 21, 9-10.	0.4	6
23	Analysis of the effect of size, amount and surface treatment on the tensile strain of a brittle adhesive reinforced with micro cork particles. <i>Applied Adhesion Science</i> , 2017, 5, .	1.5	6
24	Numerical and experimental analyses of composite bonded double-strap repairs under high-cycle fatigue. <i>Journal of Adhesion</i> , 2017, 93, 980-992.	3.0	5
25	J resistance curve behaviour of S355NL structural steel using the unloading compliance technique. <i>Ciência & Tecnologia Dos Materiais</i> , 2015, 27, 1-9.	0.5	4
26	Fatigue Crack Propagation Behavior of the Welded Steel of a Railway Bridge. <i>Materials Science Forum</i> , 0, 730-732, 787-792.	0.3	2
27	Variability analysis of fatigue crack growth rates of materials from ancient Portuguese steel bridges. , 2008, , .		2
28	Experimental classes of metallic materials challenges in identifying steel components. , 2016, , .		1
29	Correlation analysis of MAG robotized welding parameters by the Taguchi technique. Korrelationsanalyse der Parameter beim robotergesteuerten Metall-Aktivgasschweißen mittels der Taguchi-Methode. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2010, 41, 341-349.	0.9	0
30	A Contribution to the Mechanical Characterization of Cu ETP Used in the Electric Motors Industry. <i>Materials Science Forum</i> , 2012, 730-732, 679-684.	0.3	0