

Miguel Figueiredo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,443
citations

623734

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642732

23
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31
docs citations

31
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue Assessment of Inconel 625 Produced by Directed Energy Deposition from Miniaturized Specimens. <i>Metals</i> , 2022, 12, 156.	2.3	8
2	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
3	Fatigue characterization of a beam-to-column riveted joint. <i>Engineering Failure Analysis</i> , 2019, 103, 95-123.	4.0	15
4	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
5	Parameter optimisation of friction stir welded dissimilar polymers joints. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 1759-1770.	3.0	21
6	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
7	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
8	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
9	Experimental classes of metallic materials challenges in identifying steel components. , 2016, , .		1
10	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
11	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
12	Characterisation of composite bonded single-strap repairs under fatigue loading. <i>International Journal of Mechanical Sciences</i> , 2015, 103, 22-29.	6.7	15
13	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
14	Fatigue crack propagation behaviour in thick steel weldments. <i>International Journal of Structural Integrity</i> , 2012, 3, 184-203.	3.3	11
15	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
16	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
17	Residual Lifetime Assessment of an Ancient Riveted Steel Road Bridge. <i>Strain</i> , 2011, 47, e402.	2.4	19
18	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

#	ARTICLE	IF	CITATIONS
19	Correlation analysis of MAG robotized welding parameters by the Taguchi technique. Korrelationsanalyse der Parameter beim robotergesteuerten Metall-Aktivgasschweißen mittels der Taguchi-Methode. Materialwissenschaft Und Werkstofftechnik, 2010, 41, 341-349.	0.9	0
20	Comparison of the Mechanical Behaviour Between Stiff and Flexible Adhesive Joints for the Automotive Industry. Journal of Adhesion, 2010, 86, 765-787.	3.0	114
21	Effect of material, geometry, surface treatment and environment on the shear strength of single lap joints. International Journal of Adhesion and Adhesives, 2009, 29, 621-632.	2.9	336
22	Parametric Study of Adhesively Bonded Single Lap Joints by the Taguchi Method. Journal of Adhesion Science and Technology, 2008, 22, 1477-1494.	2.6	83
23	Friction Stir Welding of T-Joints in Dissimilar Aluminium Alloys. , 2008, , .		6
24	Variability analysis of fatigue crack growth rates of materials from ancient Portuguese steel bridges. , 2008, , .		2
25	Temperature field acquisition during gas metal arc welding using thermocouples, thermography and fibre Bragg grating sensors. Measurement Science and Technology, 2007, 18, 877-883.	2.6	17
26	Fatigue behaviour of FSW and MIG weldments for two aluminium alloys. Theoretical and Applied Fracture Mechanics, 2007, 48, 169-177.	4.7	123
27	Effect of Adhesive Type and Thickness on the Lap Shear Strength. Journal of Adhesion, 2006, 82, 1091-1115.	3.0	402
28	Fracture analysis of forks of a heavy duty lift truck. Engineering Failure Analysis, 2001, 8, 411-421.	4.0	7
29	Drilling of Fibre Reinforced Plastic Laminates. Materials Science Forum, 0, 587-588, 706-710.	0.3	8
30	Fatigue Crack Propagation Behavior of the Welded Steel of a Railway Bridge. Materials Science Forum, 0, 730-732, 787-792.	0.3	2