

Alexandre Queiroz Bracarense

List of Publications by Year in descending order

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40
papers

336
citations

1040056

9
h-index

888059

17
g-index

40
all docs

40
docs citations

40
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Porosity variation along multipass underwater wet welds and its influence on mechanical properties. Journal of Materials Processing Technology, 2006, 179, 239-243.	6.3	74
2	Effect of Magnetic Arc Oscillation on the geometry of single-pass multi-layer walls and the process stability in wire and arc additive manufacturing. Journal of Materials Processing Technology, 2020, 283, 116723.	6.3	48
3	Characterization of the mechanical properties and structural integrity of T-welded connections repaired by grinding and wet welding. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 599, 105-115.	5.6	30
4	Impermeable Low Hydrogen Covered Electrodes: Weld Metal, Slag, and Fumes Evaluation. Journal of Materials Research and Technology, 2012, 1, 64-70.	5.8	21
5	Effects of PTFE on operational characteristics and diffusible H and O contents of weld metal in underwater wet welding. Journal of Manufacturing Processes, 2021, 61, 270-279.	5.9	16
6	Comparison of underwater wet welding performed with silicate and polymer agglomerated electrodes. Journal of Materials Processing Technology, 2019, 266, 63-72.	6.3	15
7	Effect of electromagnetic arc constriction applied in GTAW-based wire arc additive manufacturing on walls' geometry and microstructure. Journal of Manufacturing Processes, 2021, 71, 156-167.	5.9	15
8	Study correlating the bubble phenomenon and electrical signals in underwater wet welding with covered electrodes. Welding International, 2015, 29, 363-371.	0.7	13
9	Weld parameter prediction using artificial neural network: FN and geometric parameter prediction of austenitic stainless steel welds. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	13
10	Effect of the welding angle on the porosity of underwater wet welds performed in overhead position at different simulated depths. Journal of Materials Processing Technology, 2021, 294, 117114.	6.3	9
11	Efeito da profundidade de soldagem no hidrogênio difusível de soldas molhadas. Soldagem E Inspecao, 2012, 17, 298-305.	0.6	8
12	Influência da Polaridade Sobre a Estabilidade do Processo de Soldagem Subaquática Molhada com Eletrodo Revestido. Soldagem E Inspecao, 2017, 22, 429-441.	0.6	8
13	Consideraciones termodinámicas entre la formación de poros y la presión hidrostática durante la soldadura subacuática mojada. Soldagem E Inspecao, 2009, 14, 161-169.	0.6	7
14	Effect of the Hydrostatic Pressure in the Diffusible Hydrogen at the Underwater Wet Welding. , 2012, , .		6
15	The Effect of the Use of PTFE as a Covered-Electrode Binder on Metal Transfer. Soldagem E Inspecao, 2015, 20, 160-170.	0.6	6
16	Velocidade de Propagação de Trinca por Fadiga de Soldas Subaquáticas Molhadas: Avaliação Fora da Água. Soldagem E Inspecao, 2015, 20, 403-411.	0.6	6
17	Evaluation of the Effect of the Water in the Contact Tip on Arc Stability and Weld Bead Geometry in Underwater Wet FCAW. Soldagem E Inspecao, 2017, 22, 401-412.	0.6	6
18	Fatigue crack growth rate in underwater wet welds: out of water evaluation. Welding International, 2017, 31, 348-353.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Electric arc shape and weld bead geometry analysis under the electromagnetic constriction and expansion effect. International Journal of Advanced Manufacturing Technology, 2022, 118, 1689-1701.	3.0	4
20	Investiga��o do Fen�meno das Bolhas em Soldagem Subaqu�tica Molhada com Arame Tubular Autoprotegido. Soldagem E Inspecao, 0, 24, .	0.6	4
21	Aspectos Operacionais da Soldagem Subaqu�tica Molhada com Eletrodos Revestidos Inoxid�vel Austen�tico. Soldagem E Inspecao, 2018, 23, 277-291.	0.6	3
22	Device Design for Electric Arc Electromagnetic Constriction. Soldagem E Inspecao, 0, 25, .	0.6	3
23	The influence of PTFE used as basic covered electrode binder on weld metal acicular ferrite formation. Welding International, 2016, 30, 359-371.	0.7	2
24	Valida��o de um Sistema Robotizado Rec�m Desenvolvido para a Soldagem pelo Processo Friction Stir Welding por meio da Uni�o e Caracteriza��o de Juntas da Liga de Alum�nio 5052 H34. Soldagem E Inspecao, 2017, 22, 494-510.	0.6	2
25	The Influence of Magnetic Arc Oscillation on the Deposition Width Variation along the Length of Multi-layer Single-Pass Walls Produced by Wire Arc Additive Manufacturing Process. Journal of Materials Engineering and Performance, 2021, 30, 5278-5289.	2.5	2
26	Study of the behavior of the electric arc in pulsed GMAW influenced by magnetic oscillation using shielding gas mixtures with different CO2 content. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	2
27	Efeito da T�cnica de Esmerilhamento do Cord�o na Dureza da ZTA de Soldas Multipasses Subaqu�ticas Molhadas. Soldagem E Inspecao, 0, 25, .	0.6	2
28	Development of a hatch system for the determination of diffusible hydrogen in underwater welding. Respuestas, 2020, 25, 168-177.	0.2	2
29	Sensoring for Retrofitting of an Industrial Robot 1. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 545-550.	0.4	1
30	Effects of TiC formation in situ by applying titanium chips and other ingredients as a flux of tubular wire. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	1
31	Efeitos da Espessura da Fita Met�lica no Metal de Solda Utilizando Cavacos de Tit�nio Como Componentes do Fluxo em Arames Tubulares para a Forma��o de TiC. Soldagem E Inspecao, 0, 24, .	0.6	1
32	Failure analysis in heat exchanger tubes from the top system of the regeneration tower of the hydrotreatment unit in an oil refinery: a case study. Revista Materia, 2021, 26, .	0.2	1
33	A Low-Cost Vision System Using a Retrofitted Robot for Locating Parts for Welding Process. Arabian Journal for Science and Engineering, 0, , 1.	3.0	1
34	Crescimento de Camada Intermet�lica na Soldagem por Fric�o Rotativa de Alum�nio e A�o, Assistida com Preaquecimento por Indu�o Eletromagn�tica. Soldagem E Inspecao, 0, 26, .	0.6	0
35	Caracteriza��o Mec�nica e An�lise Microestrutural de Chapas Obtidas pelo Processo de Tailor Welded Blank (TWB). Soldagem E Inspecao, 0, 24, .	0.6	0
36	Soldagem Dissimilar da Liga de Alum�nio 5052 H34 e do A�o SAE 1020 pelo Processo Hybrid Friction Stir Welding Assistido por Plasma: An�lise da Resist�ncia Mec�nica, do Desgaste da Ferramenta e dos Esfor�os de Soldagem. Soldagem E Inspecao, 0, 25, .	0.6	0

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37	Adião de TiO ₂ , CaCO ₃ e CaF ₂ Como Componentes do Fluxo de Arames Tubulares para a Formaão de TiC. Soldagem E Inspecao, 0, 25, .	0.6	0
38	Degradation of castable refractory in a fluidized catalytic cracking unit of a Brazilian oil refinery: a case study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	0
39	Proposta para o Uso de Robãs Cooperativos na Manufatura Aditiva Baseada no Processo GMAW-P. Soldagem E Inspecao, 0, 26, .	0.6	0
40	Caracterizaão do Fluxo de Material Apãs a Soldagem Dissimilar do Aão SAE 1020 ã Liga de Alumãnio 5052 H34 pelo Processo Hybrid Friction Stir Welding Assistido por Plasma. Soldagem E Inspecao, 0, 26, .	0.6	0