

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	Electric arc shape and weld bead geometry analysis under the electromagnetic constriction and expansion effect. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 118, 1689-1701.	3.0	4
2	Effects of PTFE on operational characteristics and diffusible H and O contents of weld metal in underwater wet welding. <i>Journal of Manufacturing Processes</i> , 2021, 61, 270-279.	5.9	16
3	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. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5278-5289.	2.5	2
4	Study of the behavior of the electric arc in pulsed GMAW influenced by magnetic oscillation using shielding gas mixtures with different CO ₂ content. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	2
5	Effect of the welding angle on the porosity of underwater wet welds performed in overhead position at different simulated depths. <i>Journal of Materials Processing Technology</i> , 2021, 294, 117114.	6.3	9
6	Effect of electromagnetic arc constriction applied in GTAW-based wire arc additive manufacturing on walls' geometry and microstructure. <i>Journal of Manufacturing Processes</i> , 2021, 71, 156-167.	5.9	15
7	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. <i>Revista Materia</i> , 2021, 26, .	0.2	1
8	Degradation of castable refractory in a fluidized catalytic cracking unit of a Brazilian oil refinery: a case study. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	0
9	Effects of TiC formation in situ by applying titanium chips and other ingredients as a flux of tubular wire. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	1
10	Effect of Magnetic Arc Oscillation on the geometry of single-pass multi-layer walls and the process stability in wire and arc additive manufacturing. <i>Journal of Materials Processing Technology</i> , 2020, 283, 116723.	6.3	48
11	Development of a hatch system for the determination of diffusible hydrogen in underwater welding. <i>Respuestas</i> , 2020, 25, 168-177.	0.2	2
12	Comparison of underwater wet welding performed with silicate and polymer agglomerated electrodes. <i>Journal of Materials Processing Technology</i> , 2019, 266, 63-72.	6.3	15
13	Weld parameter prediction using artificial neural network: FN and geometric parameter prediction of austenitic stainless steel welds. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	13
14	Aspectos Operacionais da Soldagem Subaquática Molhada com Eletrodos Revestidos Inoxidável Austenítico. <i>Soldagem E Inspecao</i> , 2018, 23, 277-291.	0.6	3
15	Fatigue crack growth rate in underwater wet welds: out of water evaluation. <i>Welding International</i> , 2017, 31, 348-353.	0.7	4
16	Validação de um Sistema Robotizado Recém Desenvolvido para a Soldagem pelo Processo Friction Stir Welding por meio da União e Caracterização de Juntas da Liga de Alumínio 5052 H34. <i>Soldagem E Inspecao</i> , 2017, 22, 494-510.	0.6	2
17	Influência da Polaridade Sobre a Estabilidade do Processo de Soldagem Subaquática Molhada com Eletrodo Revestido. <i>Soldagem E Inspecao</i> , 2017, 22, 429-441.	0.6	8
18	Evaluation of the Effect of the Water in the Contact Tip on Arc Stability and Weld Bead Geometry in Underwater Wet FCAW. <i>Soldagem E Inspecao</i> , 2017, 22, 401-412.	0.6	6

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19	The influence of PTFE used as basic covered electrode binder on weld metal acicular ferrite formation. <i>Welding International</i> , 2016, 30, 359-371.	0.7	2
20	The Effect of the Use of PTFE as a Covered-Electrode Binder on Metal Transfer. <i>Soldagem E Inspecao</i> , 2015, 20, 160-170.	0.6	6
21	Velocidade de Propagação de Trinca por Fadiga de Soldas Subaquáticas Molhadas: Avaliação Fora da Água. <i>Soldagem E Inspecao</i> , 2015, 20, 403-411.	0.6	6
22	Study correlating the bubble phenomenon and electrical signals in underwater wet welding with covered electrodes. <i>Welding International</i> , 2015, 29, 363-371.	0.7	13
23	Characterization of the mechanical properties and structural integrity of T-welded connections repaired by grinding and wet welding. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 599, 105-115.	5.6	30
24	Effect of the Hydrostatic Pressure in the Diffusible Hydrogen at the Underwater Wet Welding. , 2012, , .		6
25	Impermeable Low Hydrogen Covered Electrodes: Weld Metal, Slag, and Fumes Evaluation. <i>Journal of Materials Research and Technology</i> , 2012, 1, 64-70.	5.8	21
26	Efeito da profundidade de soldagem no hidrogênio difusível de soldas molhadas. <i>Soldagem E Inspecao</i> , 2012, 17, 298-305.	0.6	8
27	Consideraciones termodinámicas entre la formación de poros y la presión hidrostática durante la soldadura subacuática mojada. <i>Soldagem E Inspecao</i> , 2009, 14, 161-169.	0.6	7
28	Porosity variation along multipass underwater wet welds and its influence on mechanical properties. <i>Journal of Materials Processing Technology</i> , 2006, 179, 239-243.	6.3	74
29	Sensing for Retrofitting of an Industrial Robot 1. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2004, 37, 545-550.	0.4	1
30	Crescimento de Camada Intermetálica na Soldagem por Fricção Rotativa de Alumínio e Aço, Assistida com Preaquecimento por Indução Eletromagnética. <i>Soldagem E Inspecao</i> , 0, 26, .	0.6	0
31	Efeitos da Espessura da Fita Metálica no Metal de Solda Utilizando Cavacos de Titânio Como Componentes do Fluxo em Arames Tubulares para a Formação de TiC. <i>Soldagem E Inspecao</i> , 0, 24, .	0.6	1
32	Efeito da Técnica de Esmerilhamento do Cordão na Dureza da ZTA de Soldas Multipasses Subaquáticas Molhadas. <i>Soldagem E Inspecao</i> , 0, 25, .	0.6	2
33	Device Design for Electric Arc Electromagnetic Constriction. <i>Soldagem E Inspecao</i> , 0, 25, .	0.6	3
34	Caracterização Mecânica e Análise Microestrutural de Chapas Obtidas pelo Processo de Tailor Welded Blank (TWB). <i>Soldagem E Inspecao</i> , 0, 24, .	0.6	0
35	Investigação do Fenômeno das Bolhas em Soldagem Subaquática Molhada com Arame Tubular Autoprotégido. <i>Soldagem E Inspecao</i> , 0, 24, .	0.6	4
36	Soldagem Dissimilar da Liga de Alumínio 5052 H34 e do Aço SAE 1020 pelo Processo Hybrid Friction Stir Welding Assistido por Plasma: Análise da Resistência Mecânica, do Desgaste da Ferramenta e dos Esforços de Soldagem. <i>Soldagem E Inspecao</i> , 0, 25, .	0.6	0

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37	Adiã de TiO ₂ , CaCO ₃ e CaF ₂ Como Componentes do Fluxo de Arames Tubulares para a Formaã de TiC. Soldagem E Inspecao, 0, 25, .	0.6	0
38	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
39	Proposta para o Uso de Robã Cooperativos na Manufatura Aditiva Baseada no Processo GMAW-P. Soldagem E Inspecao, 0, 26, .	0.6	0
40	Caracterizaã do Fluxo de Material Apã a Soldagem Dissimilar do Aã 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