

Americo Scotti

List of Publications by Year in descending order

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143
papers

2,183
citations

331538

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143
all docs

143
docs citations

143
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimeson Resonances and Nucleon-Nucleon Interaction. Physical Review, 1965, 138, B145-B162.	2.7	171
2	Anharmonic Chain with Lennard-Jones Interaction. Physical Review A, 1970, 2, 2013-2019.	1.0	131
3	Solutions to Dispersion Equations for Nucleon-Nucleon Scattering. Physical Review Letters, 1963, 10, 142-146.	2.9	114
4	Measuring the process efficiency of controlled gas metal arc welding processes. Science and Technology of Welding and Joining, 2011, 16, 412-417.	1.5	108
5	One-Boson-Exchange Model of NN and NN \bar{N} Interaction. Physical Review, 1966, 142, 1000-1012.	2.7	102
6	The influence of double pulse on porosity formation in aluminum GMAW. Journal of Materials Processing Technology, 2006, 171, 366-372.	3.1	94
7	A scientific application oriented classification for metal transfer modes in GMA welding. Journal of Materials Processing Technology, 2012, 212, 1406-1413.	3.1	93
8	Concept and validation of an active cooling technique to mitigate heat accumulation in WAAM. International Journal of Advanced Manufacturing Technology, 2020, 107, 2513-2523.	1.5	79
9	Thermal management in WAAM through the CMT Advanced process and an active cooling technique. Journal of Manufacturing Processes, 2020, 57, 23-35.	2.8	63
10	Recent progress in classical nonlinear dynamics. Rivista Del Nuovo Cimento, 1972, 2, 189-209.	2.0	55
11	Zero-point energy in classical non-linear mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 1972, 38, 403-404.	0.9	43
12	Estimation of heat source and thermal efficiency in GTAW process by using inverse techniques. Journal of Materials Processing Technology, 2006, 172, 42-51.	3.1	42
13	Remarks on convexity of thermodynamic functions. Physica, 1968, 40, 150-152.	0.9	38
14	Interchangeable metal transfer phenomenon in GMA welding: Features, mechanisms, classification. Journal of Materials Processing Technology, 2014, 214, 2488-2496.	3.1	33
15	Depth of penetration in gas metal arc welding. Science and Technology of Welding and Joining, 1999, 4, 112-117.	1.5	31
16	Heat input in full penetration welds in gas metal arc welding (GMAW). International Journal of Advanced Manufacturing Technology, 2013, 68, 2833-2840.	1.5	31
17	The effect of metal transfer stability (spattering) on fume generation, morphology and composition in short-circuit MAG welding. Journal of Materials Processing Technology, 2014, 214, 1388-1397.	3.1	30
18	Investigation on Welding Arc Interruptions in the Presence of Magnetic Fields: Arc Length, Torch Angle and Current Pulsing Frequency Influence. IEEE Transactions on Plasma Science, 2013, 41, 133-139.	0.6	27

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19	Exploring the use of switchback for mitigating homoepitaxial unidirectional grain growth and porosity in WAAM of aluminium alloys. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 1581-1592.	1.5	26
20	Models to describe Plasma Jet, Arc Trajectory and arc blow formation in arc welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2011, 55, 24-32.	1.3	25
21	Stochastic transition in a classical nonlinear dynamical system: A Lennard-Jones chain. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 1976, 29, 1022-1027.	0.3	22
22	Appraisal of fiber-metal laminate panels reinforced with metal pins deposited by CMT welding. <i>Composite Structures</i> , 2017, 180, 263-275.	3.1	22
23	Balancing WAAM Production Costs and Wall Surface Quality through Parameter Selection: A Case Study of an Al-Mg5 Alloy Multilayer-Non-Oscillated Single Pass Wall. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 32.	1.0	22
24	Performance assessment of the (Trans)Varestraint tests for determining solidification cracking susceptibility when using welding processes with filler metal. <i>Measurement Science and Technology</i> , 2004, 15, 2215-2223.	1.4	20
25	Determination of the gross heat input in arc welding. <i>Journal of Materials Processing Technology</i> , 2015, 225, 139-150.	3.1	19
26	Proposal for a modified fowler-milne method to determine the temperature profile in TIG welding at low currents. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2004, 26, 34-39.	0.8	18
27	Determination of momentum as a mean of quantifying the mechanical energy delivered by droplets during MIG/MAG welding. <i>EPI Applied Physics</i> , 2009, 45, 11201.	0.3	18
28	Operational behavior assesment of coated tubular electrodes for SMAW hardfacing. <i>Journal of Materials Processing Technology</i> , 2008, 199, 265-273.	3.1	17
29	Influence of welding current in plasma MIG weld process on the bead weld geometry and wire fusion rate. <i>Welding International</i> , 2011, 25, 910-916.	0.3	17
30	Assessment of Interference to the DTT Service Generated by LTE Signals on Existing Head Amplifiers of Collective Distribution Systems: A Real Case Study. <i>IEEE Transactions on Broadcasting</i> , 2014, 60, 420-429.	2.5	17
31	Microstructure and Abrasion Resistance of Fe-Cr-C and Fe-Cr-C-Nb Hardfacing Alloys Deposited by S-FCAW and Cold Solid Wires. <i>Soldagem E Inspecao</i> , 2016, 21, 342-353.	0.6	17
32	Influence of the arc length on metal transfer in the single potential double-wire MIG/MAG process. <i>Welding International</i> , 2009, 23, 112-119.	0.3	16
33	Influence of the CO2 content on operational performance of short-circuit GMAW. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2015, 59, 217-224.	1.3	16
34	A quality and cost approach for welding process selection. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 2000, 22, 389-398.	0.1	15
35	Mapping transfer modes for stainless steel gas metal arc welding. <i>Science and Technology of Welding and Joining</i> , 2000, 5, 227-234.	1.5	14
36	Identification and control of metal transfer in pulsed GMAW using optical sensor. <i>Science and Technology of Welding and Joining</i> , 2007, 12, 249-257.	1.5	14

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37	On the Influence of Welding Residual Stresses on the Dynamic Behavior of Structures. Shock and Vibration, 2008, 15, 447-458.	0.3	14
38	Effect of the CMT advanced process combined with an active cooling technique on macro and microstructural aspects of aluminum WAAM. Rapid Prototyping Journal, 2021, 27, 1206-1219.	1.6	14
39	Um crit�rio para determinar a regulagem da tens�o em soldagem MIG/MAG por curto-circuito. Soldagem E Inspecao, 2011, 16, 98-103.	0.6	14
40	The effect of wollastonite on operational characteristics of AWS E6013 electrodes. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2004, 26, 317.	0.8	13
41	The Influence of Calcite, Fluorite, and Rutile on the Fusion-Related Behavior of Metal Cored Coated Electrodes for Hardfacing. Journal of Materials Engineering and Performance, 2010, 19, 685-692.	1.2	13
42	Investigation on Welding Arc Interruptions in the Presence of Magnetic Fields: Welding Current Influence. IEEE Transactions on Plasma Science, 2012, 40, 870-876.	0.6	13
43	Comparison of methods to correlate input parameters with depth of penetration in LASER welding. International Journal of Advanced Manufacturing Technology, 2019, 101, 1157-1169.	1.5	13
44	Ergodicity Conditions in Quantum Mechanics. Journal of Mathematical Physics, 1960, 1, 218-221.	0.5	12
45	Modelo descritivo do fluxo de calor em soldagem a arco visando o conceito de calor imposto efetivo. Soldagem E Inspecao, 2012, 17, 166-172.	0.6	12
46	Further remarks on convexity of thermodynamic functions. Physica, 1969, 42, 242-244.	0.9	11
47	A critical analysis of weld heat input measurement through a water-cooled stationary anode calorimeter. Science and Technology of Welding and Joining, 2016, 21, 339-350.	1.5	11
48	Active power measurement in arc welding and its role in heat transfer to the plate. Welding in the World, Le Soudage Dans Le Monde, 2017, 61, 847-856.	1.3	11
49	Using either Mean or RMS values to represent current in modeling of arc welding bead geometries. Journal of Materials Processing Technology, 2017, 240, 382-387.	3.1	11
50	Effect of O2 content in argon-based shielding gas on arc wandering in WAAM of aluminum thin walls. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 338-345.	2.3	11
51	The Concept of a Novel Path Planning Strategy for Wire + Arc Additive Manufacturing of Bulky Parts: Pixel. Metals, 2021, 11, 498.	1.0	11
52	Influ�ncia da tens�o de soldagem e do g�is de prote�o sobre a correla�o entre indut�ncia e regularidade da transfer�ncia met�lica na soldagem MIG/MAG por curto-circuito. Soldagem E Inspecao, 2011, 16, 114-123.	0.6	11
53	Ergodic theorem in quantum mechanics. Evaluation of the probability of an exceptional initial condition. Nuovo Cimento, 1959, 13, 1007-1012.	1.0	10
54	Influence of oscillation parameters on crack formation in automatic Fe-B hardfacing. Journal of Materials Processing Technology, 1997, 65, 272-280.	3.1	10

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55	The influence of parameter settings on cathodic self-etching during aluminum welding. <i>Journal of Materials Processing Technology</i> , 2000, 100, 179-187.	3.1	10
56	A methodology for voltage drop determination in GMA welding: arcs with short-circuiting metal transfer. <i>EPJ Applied Physics</i> , 2006, 34, 231-236.	0.3	10
57	Identification of welding residual stresses in rectangular plates using vibration responses. <i>Inverse Problems in Science and Engineering</i> , 2006, 14, 313-331.	1.2	10
58	Shielding gas influence on the ferritic stainless steel weldability. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2010, 224, 951-961.	1.5	10
59	Influência da regulagem de parâmetros de soldagem sobre a estabilidade do processo MIG/MAG operando em curto-circuito. <i>Soldagem E Inspecao</i> , 2011, 16, 22-32.	0.6	10
60	Intrinsic errors on cryogenic calorimetry applied to arc welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2013, 57, 349.	1.3	10
61	A contribution to the study of negative polarity in GMA welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 2543-2553.	1.5	10
62	The effect of pulsed cold-wire feeding on the performance of spray GMAW. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 3485-3498.	1.5	10
63	Effect of Thermal Management Approaches on Geometry and Productivity of Thin-Walled Structures of ER 5356 Built by Wire + Arc Additive Manufacturing. <i>Coatings</i> , 2021, 11, 1141.	1.2	10
64	Otimização dos parâmetros de tecimento para confecção de amanteigamento em chapas de aço ao carbono pelo processo TIG com arame AWS ER309L. <i>Soldagem E Inspecao</i> , 2010, 15, 209-217.	0.6	9
65	A qualitative model to explain the polarity influence on the fusion rate in the MIG/MAG process. <i>Welding International</i> , 2010, 24, 934-941.	0.3	9
66	Analysis of residual stresses resulting from the surface preparation for X-ray diffraction measurement. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	0.8	9
67	Tensões Residuais em Soldagem a Arco: Uma Visão Holística. <i>Soldagem E Inspecao</i> , 2018, 23, 93-112.	0.6	9
68	A Methodology to Parameterize Wire + Arc Additive Manufacturing: A Case Study for Wall Quality Analysis. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 14.	1.0	9
69	Wire feed pulsation as a means of inducing surface tension metal transfer in Gas Metal Arc Welding. <i>Journal of Manufacturing Processes</i> , 2021, 62, 655-669.	2.8	9
70	A round-robin test with thermal simulation of the welding HAZ to draw CCT diagrams: a need for harmonized procedures and microconstituent terminologies. <i>Soldagem E Inspecao</i> , 2014, 19, 279-290.	0.6	8
71	Desenvolvimento e Avaliação de Técnicas para Pulsação da Alimentação de Arame em Soldagem a Arco. <i>Soldagem E Inspecao</i> , 2018, 23, 326-339.	0.6	8
72	The potential of wire feed pulsation to influence factors that govern weld penetration in GMA welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 110, 2685-2701.	1.5	8

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73	The Potential of IR Pyrometry for Monitoring Interpass Temperature in Wire + Arc Additive Manufacturing. Evolutions in Mechanical Engineering, 2019, 3, .	0.0	8
74	Pyrometrical Interlayer Temperature Measurement in WAAM of Thin Wall: Strategies, Limitations and Functionality. Metals, 2022, 12, 765.	1.0	8
75	Determination of the momentum of droplets impinging on the pool during aluminium GMAW. Soldagem E Inspecao, 2009, 14, 336-343.	0.6	7
76	Uma metodologia para análises comparativas da capacidade produtiva entre arames maciços (MIG/MAG) e tubulares (eletrodo tubular). Soldagem E Inspecao, 2011, 16, 146-155.	0.6	7
77	Influence of current levels, the tilt angle of the torch and the distance between the torch and the part on the geometry of the weld bead using "Plasma-MIG"™ with concentric arcs. Welding International, 2017, 31, 747-757.	0.3	7
78	Evaluation of nuclear fusion probability in mesic molecules. Nuovo Cimento, 1957, 6, 168-172.	1.0	6
79	Asymptotic equivalence of classical ensembles by the method of the maximum. Physica, 1970, 47, 601-609.	0.9	6
80	Uma metodologia para parametrização do processo MIG/MAG CA. Soldagem E Inspecao, 2012, 17, 271-277.	0.6	6
81	Assessment of controlled short-circuiting application in filling passes with MIG/MAG double-wire process. Welding International, 2017, 31, 90-99.	0.3	6
82	On the correspondence principle in quantum electrodynamics. Nuclear Physics (journal), 1959, 13, 140-149.	2.0	5
83	Model for Mass Splittings of Baryons and Mesons. Physical Review Letters, 1965, 14, 926-928.	2.9	5
84	Power quality analysis of gas metal ARC welding process operating under different drop transfer modes. , 2011, , .		5
85	Influence of Metal Transfer Stability and Shielding Gas Composition on CO and CO2 Emissions during Short-circuiting MIG/MAG Welding. Soldagem E Inspecao, 2016, 21, 253-268.	0.6	5
86	Heat Exchange and Voltage Drop in Welding Arc Column. IEEE Transactions on Plasma Science, 2016, 44, 2446-2454.	0.6	5
87	Work Envelope Expansion and Parametric Optimization in WAAM with Relative Density and Surface Aspect as Quality Constraints: The Case of Al5Mg Thin Walls with Active Cooling. Journal of Manufacturing and Materials Processing, 2021, 5, 40.	1.0	5
88	Use assessment of electronic power sources for SMAW. Revista De Metalurgia, 1999, 35, 84-90.	0.1	5
89	Development and implementation of a software for wire arc additive manufacturing preprocessing planning: trajectory planning and machine code generation. Welding in the World, Le Soudage Dans Le Monde, 2022, 66, 455-470.	1.3	5
90	An improved version of an ergodic theorem in quantum mechanics. Nuovo Cimento, 1960, 17, 267-268.	1.0	4

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91	Comment on Van der Linden's proof of the asymptotic equivalence of equilibrium ensembles. <i>Physica</i> , 1969, 41, 622-625.	0.9	4
92	Um modelo qualitativo para explicar a influência da polaridade na taxa de fusão no processo MIG/MAG. <i>Soldagem E Inspecao</i> , 2009, 14, 192-198.	0.6	4
93	Análise comparativa da geração de fumos entre arames macios (GMAW) e tubulares (FCAW). <i>Soldagem E Inspecao</i> , 2010, 15, 103-111.	0.6	4
94	Efeitos do comprimento de reversão e do ângulo de ataque sobre a estrutura de solidificação do cordão em soldagem MIG/MAG com "Switch Back". <i>Soldagem E Inspecao</i> , 2012, 17, 123-137.	0.6	4
95	Heat flux determination in gas-tungsten-arc welding process by using a three-dimensional model in inverse heat conduction problem. <i>High Temperatures - High Pressures</i> , 2003, 35/36, 117-126.	0.3	4
96	Modelos de cinco barras e de uma barra para geração de tensões térmicas na ZF, ZAC e MB durante soldagem a arco. <i>Soldagem E Inspecao</i> , 2014, 19, 82-90.	0.6	4
97	Transferability of the working envelope approach for parameter selection and optimization in thin wall WAAM. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 969-989.	1.5	4
98	A precision re-measurement of the 60Ni gamma-gamma directional correlation function. <i>Nuovo Cimento</i> , 1955, 2, 471-486.	1.0	3
99	Asymptotic insensitivity in the definition of microcanonical entropy. <i>Physica</i> , 1969, 44, 623-625.	0.9	3
100	Governing parameters affecting fume generation in short-circuit MAG welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2014, 58, 367-376.	1.3	3
101	Metodologia para parametrizar e avaliar a técnica da "burn-zinc" no processo de soldagem a ponto por resistência. <i>Soldagem E Inspecao</i> , 2010, 15, 11-21.	0.6	3
102	On the 60Ni gamma-gamma directional correlation function. <i>Nuovo Cimento</i> , 1955, 1, 522-523.	1.0	2
103	Quantum Corrections to the Neutron Transport Equation. <i>Physical Review</i> , 1969, 177, 330-336.	2.7	2
104	Influência do material de base sobre o rendimento de fusão em soldagem a arco. <i>Soldagem E Inspecao</i> , 2011, 16, 369-376.	0.6	2
105	Avaliação do Uso de Curto-Circuito Controlado em Soldagens de Passes de Enchimento por MIG/MAG Duplo Arame. <i>Soldagem E Inspecao</i> , 2015, 20, 16-27.	0.6	2
106	Five-bar and one-bar models for thermal stress generation in the FZ, HAZ, and BM during arc welding. <i>Welding International</i> , 2016, 30, 329-337.	0.3	2
107	Avaliação da Aplicação de um Atlas de Soldagem de um Aço Bainítico Microligado ao Ni ³ bio. <i>Soldagem E Inspecao</i> , 2017, 22, 163-173.	0.6	2
108	The Effect of Switchback Parameters on Root Pass Formation of Butt Welds with Variable Gap. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 54.	1.0	2

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109	Uma Metodologia para Análise da Distribuição de Contagem dos Picos de Tensão de Reignição para Avaliação da Estabilidade do Processo GMAW Curto-Circuito. Soldagem E Inspecao, 0, 24, .	0.6	2
110	Operational behavior of the switchback GMAW process using a mechanized rig for arc movement. Journal of Materials Processing Technology, 2019, 269, 135-149.	3.1	2
111	Welding thermal stress diagrams as a means of assessing material proneness to residual stresses. Journal of Materials Science, 2021, 56, 1694-1712.	1.7	2
112	Exploring a locus of maximum metal transfer stability of the short-circuiting GMAW process based on the reignition voltage peaks. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	2
113	Inaccuracy in arc power calculation through a product of voltage and current averages. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	0.8	2
114	Numerical computations on the constants of motion of a Hamiltonian system. Lettere Al Nuovo Cimento Rivista Internazionale Della Società Italiana Di Fisica, 1975, 13, 522-524.	0.4	1
115	The use of statistical modelling in welding. Journal of Materials Processing Technology, 1993, 38, 399-405.	3.1	1
116	Influência das correntes de soldagem do processo plasma-MIG sobre a geometria do cordão de solda e taxa de fusão do arame. Soldagem E Inspecao, 2009, 14, 320-328.	0.6	1
117	Materiais para eletrodos que emitem termionicamente em soldagem a arco. Soldagem E Inspecao, 2013, 18, 370-379.	0.6	1
118	Assessment of the Use of Negative Polarity in Double-Wire MIG/MAG-Welding Filling Passes. Soldagem E Inspecao, 2015, 20, 48-58.	0.6	1
119	Influence of current on the gross fusion efficiency in MIG/MAG welding. Welding International, 2016, 30, 504-511.	0.3	1
120	Aumento da Eficácia do Aprendizado de Soldagem por Aulas Práticas Assistidas por Audiovisual de Forma Não Passiva. Soldagem E Inspecao, 2017, 22, 300-308.	0.6	1
121	Preparação de Superfície para Medição de Tensões Residuais em Soldagem por DRX. Soldagem E Inspecao, 2016, 21, 497-507.	0.6	1
122	Fundente para Recargue por Soldadura con Arco Sumergido a Partir de Ferrocromo-manganeso y Escoria de la Reducción Simultánea de Cromita y Pirolusita. Soldagem E Inspecao, 0, 24, .	0.6	1
123	A Study on out-of-phase current pulses of the double wire MIG/MAG process with insulated potentials on coating applications: part II. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2007, 29, .	0.8	1
124	Uma Reflexão sobre a Revista Soldagem & Inspeção no Contexto dos Índices de Avaliação Internacionais e Brasileiro. Soldagem E Inspecao, 2015, 20, 135-136.	0.6	1
125	Su una semplice deduzione delle equazioni di Low dal formalismo di Lehmann " Symanzik " Zimmermann. Nuovo Cimento, 1955, 2, 1132-1134.	1.0	0
126	Strong absorption and nearby-singularity approximation. Il Nuovo Cimento A, 1968, 57, 886-889.	0.2	0

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127	Quark Interactions and Nucleon Form Factors. <i>Physical Review</i> , 1968, 175, 2113-2116.	2.7	0
128	A Study on out-of-phase current pulses of the double wire MIG/MAG process with insulated potentials on coating applications: part I. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2007, 29, .	0.8	0
129	Ensaio para mediçãŁo de nŁvel e alcance de respingos em soldagem MIG/MAG. <i>Soldagem E Inspecao</i> , 2010, 15, 150-155.	0.6	0
130	Efecto sobre la diluci3n de la granulometrŁa de la ferroaleaci3n en el alma de electrodos tubulares revestidos bajo la influencia de la composici3n del revestimiento. <i>Soldagem E Inspecao</i> , 2011, 16, 79-85.	0.6	0
131	Methodology to parameterize and assess the burn-zinc technique in the resistance spot welding process. <i>Welding International</i> , 2012, 26, 61-70.	0.3	0
132	InfluŁncia dos procedimentos e modos de transferŁncia no processo MAG na reduŁŁo de deformaŁŁes em painŁis de estruturas navais. <i>Soldagem E Inspecao</i> , 2013, 18, 339-348.	0.6	0
133	Materials for thermionically emitting electrodes in arc welding. <i>Welding International</i> , 2016, 30, 18-26.	0.3	0
134	AvaliaŁŁo da EficŁcia da Limpeza e LubrificaŁŁo do Arame sobre a Alimentabilidade em MIG/MAG. <i>Soldagem E Inspecao</i> , 2018, 23, 83-92.	0.6	0
135	Fiber-Metal Laminate Panels Reinforced with Metal Pins. , 2019, , .		0
136	Welding in the WorldŁ update 2021. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 167-169.	1.3	0
137	Evaluaci3n del comportamiento del acero 1,25Cr0,5Mo en condiciones de fluencia lenta. <i>Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia</i> , 2021, 44, 83-91.	0.1	0
138	ŁŁo possŁvel se criar um "Technological Road Map" de soldagem para o Brasil?. <i>Soldagem E Inspecao</i> , 2013, 18, 197-197.	0.6	0
139	Parameter optimization of AC rectangular wave outputs for aluminum cold wire GTAW. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 1999, 21, 664-674.	0.1	0
140	InfluŁncia da corrente sobre o rendimento bruto de fusŁo em soldagem MIG/MAG. <i>Soldagem E Inspecao</i> , 2014, 19, 159-167.	0.6	0
141	O Papel do PŁ de Ferro no Mecanismo de DepositaŁo de Eletrodos Revestidos. <i>Soldagem E Inspecao</i> , 2015, 20, 28-38.	0.6	0
142	InfluŁncia dos NŁveis das Correntes, Ąngulo de InclinaŁŁo da Tocha e DistŁncia entre a Tocha e a PeŁa sobre a Geometria do CordŁo de Solda Usando ĄPlasma-MIGĄ com Arcos ConcŁntricos. <i>Soldagem E Inspecao</i> , 2015, 20, 501-514.	0.6	0
143	Influencia de la Atmosfera de N2 en los ParŁmetros Operacionales y la Microestructura del DepŁsito en el Recargue Duro con FCAW. <i>Soldagem E Inspecao</i> , 0, 27, .	0.6	0