

N Murugan

List of Publications by Year in descending order

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127
papers

6,129
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66315

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3552
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#	ARTICLE	IF	CITATIONS
1	Microstructural, Mechanical and Wear Properties of Friction Stir Welded AA6061/AlNp Composite Joints. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 651-666.	1.2	2
2	Application of artificial neural network in predicting the wear rate of copper surface composites produced using friction stir processing. <i>Australian Journal of Mechanical Engineering</i> , 2020, , 1-12.	1.5	9
3	Processing and wear properties of aluminium surface composites using friction stir processing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 764, 012023.	0.3	1
4	Microstructure and mechanical properties of friction stir welded AISI321 stainless steel. <i>Journal of Materials Research and Technology</i> , 2020, 9, 3967-3976.	2.6	12
5	Effect of friction stir welding on mechanical and microstructural properties of AISI 316L stainless steel butt joints. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 137-150.	1.3	16
6	Microstructure and wear characterization of AA2124/4wt.%B4C nano-composite coating on Ti [~] 6Al [~] 4V alloy using friction surfacing. <i>Transactions of Nonferrous Metals Society of China</i> , 2019, 29, 1263-1274.	1.7	35
7	Microstructure Evolution and Tensile Behavior of Dissimilar Friction Stir-Welded Pure Copper and Dual-Phase Brass. <i>Metallography, Microstructure, and Analysis</i> , 2019, 8, 735-748.	0.5	3
8	Identifying the optimal FSW process parameters for maximizing the tensile strength of friction stir welded AISI 316L butt joints. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 137, 257-271.	2.5	29
9	Influence of Axial Force on Tensile Strength and Microstructural Characteristics of Friction Stir Butt-welded Aluminum Alloy/Steel Joints. <i>Strength of Materials</i> , 2019, 51, 300-316.	0.2	10
10	Microstructure and sliding wear characterization of submicron and nanometric boron carbide particulate reinforced AA2124 aluminum matrix composites prepared by stir casting. <i>Materials Research Express</i> , 2019, 6, 0865i3.	0.8	3
11	Friction stir welding of hybrid AA 6061-ZrO ₂ -C composites FSW process optimization using desirability approach. <i>Materials Research Express</i> , 2019, 6, 066553.	0.8	15
12	Weldability of marine grade AA 5052 aluminum alloy by underwater friction stir welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 4535-4546.	1.5	47
13	Microstructure and mechanical properties of friction stir welded AISI 316L austenitic stainless steel joints. <i>Journal of Materials Processing Technology</i> , 2018, 254, 79-90.	3.1	43
14	Influence of rice husk ash particles on microstructure and tensile behavior of AA6061 aluminum matrix composites produced using friction stir processing. <i>Composites Communications</i> , 2017, 3, 42-46.	3.3	74
15	Influence of friction stir processing parameters on surface modified 90Cu-10Ni composites. <i>Materials and Manufacturing Processes</i> , 2017, 32, 1416-1427.	2.7	21
16	Graphene oxide/oxidized carbon nanofiber/mineralized hydroxyapatite based hybrid composite for biomedical applications. <i>Materials Research Express</i> , 2017, 4, 124005.	0.8	24
17	Microstructure and Mechanical Characterization of Aluminum Seamless Tubes Produced by Friction Stir Back Extrusion. <i>Transactions of the Indian Institute of Metals</i> , 2016, 69, 1811-1818.	0.7	20
18	Influence of tool material on mechanical and microstructural properties of friction stir welded 316L austenitic stainless steel butt joints. <i>International Journal of Refractory Metals and Hard Materials</i> , 2016, 58, 196-205.	1.7	33

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19	Effect of ceramic particulate type on microstructure and properties of copper matrix composites synthesized by friction stir processing. <i>Journal of Materials Research and Technology</i> , 2016, 5, 302-316.	2.6	73
20	Performance analysis of dissimilar friction stir welded aluminium alloy AA5052 and HSLA steel butt joints using response surface method. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 2373-2392.	1.5	30
21	Development of empirical relationships for prediction of mechanical and wear properties of AA6082 aluminum matrix composites produced using friction stir processing. <i>Engineering Science and Technology, an International Journal</i> , 2016, 19, 1132-1144.	2.0	35
22	Tensile strength prediction of dissimilar friction stir-welded AA6351-AA5083 using artificial neural network technique. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 1647-1657.	0.8	32
23	Effect of Ceramic Particles on Microstructure and Mechanical Properties of Aluminium Surface Composite Fabricated Using Friction Stir Processing. <i>Materials Science Forum</i> , 2015, 830-831, 440-443.	0.3	2
24	Influence of tool rotational speed on microstructure and sliding wear behavior of Cu/B4C surface composite synthesized by friction stir processing. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 95-102.	1.7	35
25	Influence of tool traverse speed on the characteristics of dissimilar friction stir welded aluminium alloy, AA5052 and HSLA steel joints. <i>Archives of Civil and Mechanical Engineering</i> , 2015, 15, 822-830.	1.9	51
26	Ball flower like manganese, strontium substituted hydroxyapatite/ cerium oxide dual coatings on the AZ91 Mg alloy with improved bioactive and corrosion resistance properties for implant applications. <i>RSC Advances</i> , 2015, 5, 27402-27411.	1.7	35
27	Effect of tool axis offset and geometry of tool pin profile on the characteristics of friction stir welded dissimilar joints of aluminum alloy AA5052 and HSLA steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 639, 219-233.	2.6	105
28	Smart rose flower like bioceramic/metal oxide dual layer coating with enhanced anti-bacterial, anti-cancer, anti-corrosive and biocompatible properties for improved orthopedic applications. <i>RSC Advances</i> , 2015, 5, 85831-85844.	1.7	15
29	Effect of Cooling Rate on Mechanical and Microstructural Characterization of Friction Stir Welded 316 L Austenitic Stainless Steel Joints. <i>Materials Science Forum</i> , 2015, 830-831, 314-318.	0.3	1
30	Synthesis and characterization of titanium carbide particulate reinforced AA6082 aluminium alloy composites via friction stir processing. <i>Archives of Civil and Mechanical Engineering</i> , 2015, 15, 324-334.	1.9	101
31	Design of Experiment and Optimization of Plasma Transferred Arc Hardfacing on Structural Steel with Titanium Carbide. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 2362-2370.	0.1	3
32	Production and Wear Characterization of AA6082 -TiC Surface Composites by Friction Stir Processing. <i>Procedia Engineering</i> , 2014, 97, 590-597.	1.2	29
33	Microstructural Characterization of Pure Copper Tubes Produced by a Novel Method Friction Stir Back Extrusion. , 2014, 5, 1502-1508.		29
34	Microstructure and some properties of aluminium alloy AA6061 reinforced <i>in situ</i> formed zirconium diboride particulate stir cast composite. <i>International Journal of Cast Metals Research</i> , 2014, 27, 115-121.	0.5	18
35	Fabrication and Characterization of CU/B4C Surface Dispersion Strengthened Composite using Friction Stir Processing. <i>Archives of Metallurgy and Materials</i> , 2014, 59, 83-87.	0.6	20
36	Effect of Heat Input on Macro, Micro and Tensile Properties of Flux Cored Arc Welded Ferritic Stainless Steel Joints. <i>Transactions of the Indian Institute of Metals</i> , 2014, 67, 375-383.	0.7	12

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37	Optimization of friction stir welding process parameters to maximize tensile strength of stir cast AA6061-T6/AlNp composite. <i>Materials & Design</i> , 2014, 57, 383-393.	5.1	64
38	Mechanical and metallurgical properties of dissimilar friction stir welded AA5083-H111 and AA6351-T6 aluminum alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 58-65.	1.7	50
39	Prediction of mechanical and wear properties of copper surface composites fabricated using friction stir processing. <i>Materials & Design</i> , 2014, 55, 224-234.	5.1	66
40	Dry sliding wear behavior of stir cast AA6061-T6/AlNp composite. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 2785-2795.	1.7	66
41	Development of Al3Ti and Al3Zr intermetallic particulate reinforced aluminum alloy AA6061 in situ composites using friction stir processing. <i>Materials & Design</i> , 2014, 63, 213-222.	5.1	47
42	Electrodeposition of a porous strontium-substituted hydroxyapatite/zinc oxide duplex layer on AZ91 magnesium alloy for orthopedic applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5531.	2.9	42
43	Characterization of friction stir welded boron carbide particulate reinforced AA6061 aluminum alloy stir cast composite. <i>Materials & Design</i> , 2014, 55, 176-182.	5.1	86
44	Characterization of boron carbide particulate reinforced in situ copper surface composites synthesized using friction stir processing. <i>Materials Characterization</i> , 2013, 84, 16-27.	1.9	133
45	Effect of Traverse Speed on Microstructure and Microhardness of Cu/B4C Surface Composite Produced by Friction Stir Processing. <i>Transactions of the Indian Institute of Metals</i> , 2013, 66, 333-337.	0.7	15
46	An AHP based heuristic DPSO algorithm for generating multi criteria production distribution plan. <i>Journal of Manufacturing Systems</i> , 2013, 32, 632-647.	7.6	25
47	Influence of FCA Welding Process Parameters on Distortion of 409M Stainless Steel for Rail Coach Building. <i>Journal of Iron and Steel Research International</i> , 2013, 20, 71-78.	1.4	12
48	Design optimization of high voltage composite insulator using Electric field computations. , 2013, , .		10
49	Optimization of process parameters to maximize ultimate tensile strength of friction stir welded dissimilar aluminum alloys using response surface methodology. <i>Journal of Central South University</i> , 2013, 20, 2929-2938.	1.2	32
50	A Study on the Influence of PTAW Process Parameters on Pitting Corrosion Resistance of Nickel based Overlays. <i>Procedia Engineering</i> , 2013, 64, 1147-1156.	1.2	12
51	Role of friction stir welding parameters on tensile strength of AA6061-B4C composite joints. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 616-624.	1.7	71
52	Prediction of tensile strength of friction stir welded stir cast AA6061-T6/AlNp composite. <i>Materials & Design</i> , 2013, 51, 998-1007.	5.1	46
53	Role of friction stir processing parameters on microstructure and microhardness of boron carbide particulate reinforced copper surface composites. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2013, 38, 1433-1450.	0.8	30
54	Optimization of Flux Cored Arc Welding Process Parameter Using Genetic and Memetic Algorithms. <i>Journal for Manufacturing Science and Production</i> , 2013, 13, 239-250.	0.1	3

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55	A discrete PSO approach for generating an integrated multi-plant aggregate production-distribution plan. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2013, 17, 195-207.	0.7	1
56	Dry sliding wear behaviour of friction stir welded aluminum (6061)-B<SUB align="right">4C composite. International Journal of Microstructure and Materials Properties, 2013, 8, 239.	0.1	3
57	Friction Stir Processing Of Intermetallicâ€particulate Reinforced Aluminum Matrixâ€composite. Advanced Materials Letters, 2013, 4, 230-234.	0.3	9
58	Optimization of Wear Rate of Friction Stir Welded AL-B4C Composite. , 2013, , 271-276.		2
59	Development of eco-friendly surface modification process for 316L austenitic stainless steel weld cladding. Surface Engineering, 2012, 28, 5-10.	1.1	5
60	Dry sliding wear behavior of AA6061/ZrB2 in-situ composite. Transactions of Nonferrous Metals Society of China, 2012, 22, 810-818.	1.7	83
61	Development of Mathematical Models for Prediction of Weld Bead Geometry in Cladding Mild Steel Valve Seat Rings by PTAW. Procedia Engineering, 2012, 38, 15-20.	1.2	8
62	Optimizations of Friction Stir Welding Process Parameters for the Welding of Al-B4C Composite Plates using Generalized Reduced Gradient Method. Procedia Engineering, 2012, 38, 49-55.	1.2	22
63	Automation of Friction Stir Welding Process to Join Aluminum Matrix Composites by Optimization. Procedia Engineering, 2012, 38, 105-110.	1.2	11
64	Prediction and Optimization of Wear Resistance of Friction Stir Welded Dissimilar Aluminum Alloy. Procedia Engineering, 2012, 38, 578-584.	1.2	21
65	Investigations on the Influence of Surfacing Process Parameters Over Bead Properties During Stainless Steel Cladding. Materials and Manufacturing Processes, 2012, 27, 69-77.	2.7	15
66	A simulation based heuristic discrete particle swarm algorithm for generating integrated productionâ€distribution plan. Applied Soft Computing Journal, 2012, 12, 3034-3050.	4.1	32
67	Microstructure and sliding wear behavior of AA6360/(TiC+B4C) hybrid surface composite layer synthesized by friction stir processing on aluminum substrate. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 552, 336-344.	2.6	148
68	Microstructure and microhardness of AA1050/TiC surface composite fabricated using friction stir processing. Sadhana - Academy Proceedings in Engineering Sciences, 2012, 37, 579-586.	0.8	33
69	Optimization of friction stir welding process to maximize tensile strength of AA6061/ZrB2 in-situ composite butt joints. Metals and Materials International, 2012, 18, 135-142.	1.8	55
70	Developing an Empirical Relationship to Predict the Influence of Process Parameters on Tensile Strength of Friction Stir Welded AA6061/0â€10 wt% ZrB2 In Situ Composite. Transactions of the Indian Institute of Metals, 2012, 65, 159-170.	0.7	19
71	Development of simulation-based AHP-DPSO algorithm for generating multi-criteria productionâ€distribution plan. International Journal of Advanced Manufacturing Technology, 2012, 60, 373-396.	1.5	10
72	Production and wear characterisation of AA 6061 matrix titanium carbide particulate reinforced composite by enhanced stir casting method. Composites Part B: Engineering, 2012, 43, 302-308.	5.9	250

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73	Effect of tool rotational speed and pin profile on microstructure and tensile strength of dissimilar friction stir welded AA5083-H111 and AA6351-T6 aluminum alloys. <i>Materials & Design</i> , 2012, 40, 7-16.	5.1	252
74	Metallurgical and mechanical characterization of stir cast AA6061-T6 α -AlNp composite. <i>Materials & Design</i> , 2012, 40, 52-58.	5.1	160
75	Effect of friction stir welding on microstructure, mechanical and wear properties of AA6061/ZrB ₂ in situ cast composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 543, 257-266.	2.6	89
76	Effect of Cr-doping on the structural and optical properties of CdS nanoparticles prepared by chemical precipitation method. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 618-624.	1.1	16
77	DEVELOPMENT OF MATHEMATICAL MODEL TO PREDICT THE ULTIMATE TENSILE STRENGTH OF FRICTION STIR WELDED DISSIMILAR ALUMINUM ALLOY. <i>Mechanika</i> , 2012, 18, .	0.3	4
78	Structural and optical characterization of Ni-doped CdS quantum dots. <i>Journal of Materials Science</i> , 2011, 46, 3200-3206.	1.7	45
79	A mathematical model to predict the grain size of nanocrystalline CdS thin films based on the deposition condition used in the sol-gel spin coating method. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 1129-1136.	1.1	6
80	Prediction of tensile strength of friction stir welded aluminium matrix TiCp particulate reinforced composite. <i>Materials & Design</i> , 2011, 32, 462-467.	5.1	132
81	Production and characterization of AA6061 α -B ₄ C stir cast composite. <i>Materials & Design</i> , 2011, 32, 4004-4009.	5.1	314
82	Influence of in situ formed ZrB ₂ particles on microstructure and mechanical properties of AA6061 metal matrix composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 5733-5740.	2.6	126
83	Nanocrystalline CdS thin films prepared by sol-gel spin coating. <i>International Journal of Materials Research</i> , 2011, 102, 584-586.	0.1	3
84	Development of mathematical model to predict the mechanical properties of friction stir welded AA6351 aluminum alloy. <i>Journal of Engineering Science and Technology Review</i> , 2011, 4, 25-31.	0.2	43
85	A genetic algorithm approach to generate an integrated multiplant aggregate production-distribution plan. <i>International Journal of Services and Operations Management</i> , 2010, 7, 76.	0.1	4
86	An integrated multi-plant aggregate production-distribution plan generated using memetic algorithm. <i>International Journal of Value Chain Management</i> , 2010, 4, 213.	0.1	3
87	Development of Mathematical Model for Prediction and Optimization of Particle Size in Nanocrystalline CdS Thin Films Prepared by Sol-Gel Spin-Coating Method. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 1338-1345.	1.0	10
88	Strong quantum confinement effect in nanocrystalline CdS. <i>Journal of Materials Science</i> , 2010, 45, 3254-3258.	1.7	54
89	Studies on optical absorption and structural properties of Fe doped CdS quantum dots. <i>Solid State Sciences</i> , 2010, 12, 1554-1559.	1.5	41
90	Influence of tool pin profile on the metallurgical and mechanical properties of friction stir welded Al α -10wt.% TiB ₂ metal matrix composite. <i>Materials & Design</i> , 2010, 31, 3585-3589.	5.1	153

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91	Tensile behavior of dissimilar friction stir welded joints of aluminium alloys. <i>Materials & Design</i> , 2010, 31, 4184-4193.	5.1	133
92	Influence of the Cd/S Molar Ratio on the Optical and Structural Properties of Nanocrystalline CdS Thin Films. <i>Journal of Materials Science and Technology</i> , 2010, 26, 193-199.	5.6	47
93	Effects of Plasma Transferred Arc Welding Parameters on Bead Geometry in Tungsten Carbide Hardfacing. <i>Journal for Manufacturing Science and Production</i> , 2009, 10, 155-168.	0.1	1
94	Optimization of pulsed GTA welding process parameters for the welding of AISI 304L stainless steel sheets. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 40, 478-489.	1.5	111
95	Optimization of weld bead geometry in plasma transferred arc hardfaced austenitic stainless steel plates using genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 41, 24-30.	1.5	48
96	Finite element simulation of residual stresses and their measurement by contour method. <i>Materials & Design</i> , 2009, 30, 2067-2071.	5.1	40
97	Modelling and analysis of delta ferrite content in claddings deposited by flux cored arc welding using a neural network. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2009, 223, 779-787.	1.1	1
98	Optimization of Flux Cored Arc Welding Process Parameters Using Particle Swarm Optimization Technique. <i>Journal for Manufacturing Science and Production</i> , 2008, 9, 229-236.	0.1	0
99	Modelling and analysis of pitting corrosion resistance of stainless steel overlays deposited by flux cored arc welding process. <i>Surface Engineering</i> , 2008, 24, 422-428.	1.1	6
100	Ferrite number optimisation for stainless steel cladding by FCAW using Taguchi technique. <i>International Journal of Materials and Product Technology</i> , 2008, 33, 404.	0.1	12
101	Effect of Pulsed Gas Tungsten Arc Welding Process Parameters on Pitting Corrosion Resistance of Type 304L Stainless Steel Welds. <i>Corrosion</i> , 2007, 63, 433-441.	0.5	7
102	Effects of flux cored arc welding parameters on pitting corrosion resistance of duplex stainless steel clad metals. <i>Corrosion Engineering Science and Technology</i> , 2007, 42, 29-35.	0.7	4
103	Optimization of weld bead geometry for stainless steel claddings deposited by FCAW. <i>Journal of Materials Processing Technology</i> , 2007, 190, 291-299.	3.1	114
104	Effects of process parameters on the bead geometry of laser beam butt welded stainless steel sheets. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 32, 1125-1133.	1.5	78
105	Modeling and simulation of wire feed rate for steady current and pulsed current gas metal arc welding using 317L flux cored wire. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 34, 1111-1119.	1.5	29
106	Prediction of Delta Ferrite Content and Effect of Welding Process Parameters in Claddings by FCAW. <i>Materials and Manufacturing Processes</i> , 2006, 21, 431-438.	2.7	23
107	Sensitivity Analysis for Process Parameters in Cladding of Stainless Steel by Flux Cored Arc Welding. <i>Journal of Manufacturing Processes</i> , 2006, 8, 90-100.	2.8	35
108	Selection of parameters of pulsed current gas metal arc welding. <i>Journal of Materials Processing Technology</i> , 2006, 172, 1-10.	3.1	146

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109	Effect of flux cored arc welding process parameters on duplex stainless steel clad quality. Journal of Materials Processing Technology, 2006, 176, 230-239.	3.1	97
110	Development of mathematical models for prediction of weld bead geometry in cladding by flux cored arc welding. International Journal of Advanced Manufacturing Technology, 2006, 30, 669-676.	1.5	72
111	Process parameter selection for optimising weld bead geometry in stainless steel cladding using Taguchi's approach. Materials Science and Technology, 2006, 22, 1193-1200.	0.8	18
112	Effect of gas tungsten arc welding process variables on dilution and bead geometry of Stellite 6 hardfaced valve seat rings. Surface Engineering, 2006, 22, 375-383.	1.1	13
113	Sensitivity Analysis of Flux Cored Arc Cladding Parameters Using Response Surface Methodology. Journal for Manufacturing Science and Production, 2006, 7, 171-186.	0.1	1
114	Prediction and control of weld bead geometry and shape relationships in submerged arc welding of pipes. Journal of Materials Processing Technology, 2005, 168, 478-487.	3.1	138
115	Evaluation of residual stresses in dissimilar weld joints. International Journal of Pressure Vessels and Piping, 2005, 82, 700-705.	1.2	124
116	Sensitivity analysis of process parameters in PTA hardfacing of valve seats using response surface methodology. Materials Science and Technology, 2005, 21, 941-947.	0.8	5
117	Prediction and Optimisation of Weld Bead Geometry of Plasma Transferred Arc Hardfaced Valve Seat Rings. Surface Engineering, 2003, 19, 143-149.	1.1	33
118	TQM is a must for success, but not sufficient for survival: A conceptual framework as contemplated in ancient Tamil literature in India. Total Quality Management and Business Excellence, 2003, 14, 395-405.	2.4	15
119	Failure Analysis of a Dissimilar Weld Joint in a Steam Generator / Schadensanalyse einer Schwarz-Wei-Schweiverbindung in einem Dampfgenerator. Praktische Metallographie/Practical Metallography, 2001, 38, 667-679.	0.1	11
120	Application of response surface methodology for predicting weld bead quality in submerged arc welding of pipes. Journal of Materials Processing Technology, 1999, 88, 266-275.	3.1	445
121	Prediction and comparison of the area of the heat-affected zone for the bead-on-plate and bead-on-joint in submerged arc welding of pipes. Journal of Materials Processing Technology, 1999, 95, 246-261.	3.1	94
122	Effects of MIG process parameters on the geometry of the bead in the automatic surfacing of stainless steel. Journal of Materials Processing Technology, 1994, 41, 381-398.	3.1	120
123	Effect of submerged arc process variables on dilution and bead geometry in single wire surfacing. Journal of Materials Processing Technology, 1993, 37, 767-780.	3.1	71
124	Effect of Tool pin Profile and Axial Force on Tensile Behavior in Friction Stir Welding of Dissimilar Aluminum Alloys. Advanced Materials Research, 0, 415-417, 1140-1146.	0.3	2
125	An Assessment on Friction Stir Welding of High Melting Temperature Materials. Applied Mechanics and Materials, 0, 592-594, 43-47.	0.2	6
126	Effect of Tool Rotational Speed on Microstructure and Microhardness of AA6082/TiC Surface Composites using Friction Stir Processing. Applied Mechanics and Materials, 0, 592-594, 234-239.	0.2	7

#	ARTICLE	IF	CITATIONS
127	Study on Dissimilar Butt Joining of Aluminum Alloy, AA5052 and High Strength Low Alloy Steel through a Modified FSW Process. Materials Science Forum, 0, 830-831, 278-281.	0.3	7