

# Vicente Amigã<sup>3</sup>

## List of Publications by Year in descending order

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157  
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201674

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160  
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160  
docs citations

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times ranked

2504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Ti–Zr alloys by powder metallurgy for biomedical applications. Powder Metallurgy, 2022, 65, 31-38.	1.7	11
2	Titanium, Titanium Alloys and Composites. , 2022, , 179-199.		2
3	Mechanical, Corrosion, and Ion Release Studies of Ti-34Nb-6Sn Alloy with Comparable to the Bone Elastic Modulus by Powder Metallurgy Method. , 2022, 1, 3-17.		14
4	Electrochemical corrosion behavior of Ti–35Nb–7Zr–5Ta powder metallurgic alloys after Hot Isostatic Process in fluorinated artificial saliva. Journal of Materials Research and Technology, 2022, 16, 1435-1444.	5.8	7
5	Study of Electrochemical and Biological Characteristics of As-Cast Ti-Nb-Zr-Ta System Based on Its Microstructure. Metals, 2022, 12, 476.	2.3	5
6	Mechanical, stress corrosion cracking and crystallographic study on flat components processed by two combined severe plastic deformation techniques. Journal of Materials Research and Technology, 2022, 18, 1281-1294.	5.8	5
7	Microstructural, mechanical, electrochemical, and biological studies of an electron beam melted Ti-6Al-4V alloy. Materials Today Communications, 2022, 31, 103337.	1.9	6
8	Heterostructured stainless steel: Properties, current trends, and future perspectives. Materials Science and Engineering Reports, 2022, 150, 100691.	31.8	65
9	Influence of $\beta^2$ -phase stability in elemental blended Ti-Mo and Ti-Mo-Zr alloys. Micron, 2021, 142, 102992.	2.2	33
10	Evaluation of the influence of low Mg content on the mechanical and microstructural properties of $\beta^2$ titanium alloy. Journal of Materials Research and Technology, 2021, 10, 916-925.	5.8	7
11	Laser surface alloying applied on Ti-3Mo and Ti-10Nb sintered parts. Surface and Coatings Technology, 2021, 407, 126773.	4.8	2
12	Laser Surface Modification in Ti-xNb-yMo Alloys Prepared by Powder Metallurgy. Metals, 2021, 11, 367.	2.3	6
13	Improvements in tribological and anticorrosion performance of porous Ti-6Al-4V via PEO coating. Friction, 2021, 9, 1303-1318.	6.4	12
14	Development of Ti–In alloys by powder metallurgy for application as dental biomaterial. Journal of Materials Research and Technology, 2021, 11, 1719-1729.	5.8	11
15	Evolution of the Microstructure and Mechanical Properties of a Ti35Nb2Sn Alloy Post-Processed by Hot Isostatic Pressing for Biomedical Applications. Metals, 2021, 11, 1027.	2.3	9
16	Study of the current density of the electrical resistance sintering technique on microstructural and mechanical properties in a $\beta^2$ Ti-Nb-Sn ternary alloy. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	5
17	Effect of alloying elements on laser surface modification of powder metallurgy to improve surface mechanical properties of beta titanium alloys for biomedical application. Journal of Materials Research and Technology, 2021, 14, 1222-1234.	5.8	14
18	Effect of the microstructure generated by Repetitive Corrugation and Straightening (RCS) process on the mechanical properties and stress corrosion cracking of Al-7075 alloy. Journal of Materials Research and Technology, 2021, 15, 4564-4572.	5.8	12

#	ARTICLE	IF	CITATIONS
19	Laser Cladding of MCrAlY Alloys. , 2021, , 363-394.		1
20	Assessment of Sisal Fiber Integrity as a Reinforcing Element in MgO-Based Cement Matrices. Waste and Biomass Valorization, 2020, 11, 3045-3056.	3.4	3
21	Electrochemical corrosion behavior and mechanical properties of Ti-4Ag biomedical alloys obtained by two powder metallurgy processing routes. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104063.	3.1	7
22	Application of Plasma Electrolytic Oxidation Coating on Powder Metallurgy Ti-6Al-4V for Dental Implants. Metals, 2020, 10, 1167.	2.3	10
23	Single step heat treatment for the development of beta titanium composites with in-situ TiB and TiC reinforcement. Materials Characterization, 2020, 163, 110286.	4.4	10
24	Characterization, corrosion resistance and hardness of rapidly solidified Ni-4Nb alloys. Journal of Alloys and Compounds, 2020, 829, 154529.	5.5	12
25	Surface Modification of Porous Titanium Discs Using Femtosecond Laser Structuring. Metals, 2020, 10, 748.	2.3	14
26	Effects of laser surface melting on crystallographic texture, microstructure, elastic modulus and hardness of Ti-30Nb-4Sn alloy. Transactions of Nonferrous Metals Society of China, 2020, 30, 392-404.	4.2	9
27	Comparative study between high-velocity oxygen fuel and flame spraying using MCrAlY coats on a 304 stainless steel substrate. Journal of Materials Research and Technology, 2019, 8, 4253-4263.	5.8	17
28	Corrosion behaviour of Ti6Al4V ELI nanotubes for biomedical applications. Journal of Materials Research and Technology, 2019, 8, 5548-5556.	5.8	21
29	Mechanical Properties and the Microstructure of Ti-35Nb-10Ta-xFe Alloys Obtained by Powder Metallurgy for Biomedical Applications. Metals, 2019, 9, 76.	2.3	14
30	Microstructure assessment at high temperature in NiCoCrAlY overlay coating obtained by laser metal deposition. Journal of Materials Research and Technology, 2019, 8, 1761-1772.	5.8	26
31	Influence of process parameters and initial microstructure on the oxidation resistance of Ti48Al2Cr2Nb coating obtained by laser metal deposition. Surface and Coatings Technology, 2019, 358, 114-124.	4.8	15
32	Microstructural evolution and mechanical properties of in-situ as-cast beta titanium matrix composites. Journal of Alloys and Compounds, 2019, 778, 186-196.	5.5	25
33	Mechanical and microstructural characterization of MCrAlY coatings produced by laser cladding: The influence of the Ni, Co and Al content. Surface and Coatings Technology, 2018, 338, 22-31.	4.8	40
34	Development of a novel fcc structure for an amorphous-nanocrystalline Ti-33Nb-4Mn (at.%) ternary alloy. Materials Characterization, 2018, 135, 46-56.	4.4	21
35	Nanoindentation study of the interfacial zone between cellulose fiber and cement matrix in extruded composites. Cement and Concrete Composites, 2018, 85, 1-8.	10.7	33
36	Effect of Extensive and Limited Plastic Deformation on Recrystallized Microstructure of Oxide Dispersion Strengthened Fe-Cr-Al Alloy. Metals, 2018, 8, 1052.	2.3	1

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37	Surface Modification of Ti-35Nb-10Ta-1.5Fe by the Double Acid-Etching Process. <i>Materials</i> , 2018, 11, 494.	2.9	5
38	Influence of Heat Treatment and UV Irradiation on the Wettability of Ti35Nb10Ta Nanotubes. <i>Metals</i> , 2018, 8, 37.	2.3	2
39	Investigations of Ti Binary Alloys Manufactured by Powder Metallurgy for Biomaterial Applications. <i>Acta Physica Polonica A</i> , 2018, 134, 415-418.	0.5	4
40	Influencia de la morfologÃa nanotubular en la mojabilidad y Ãngulo de contacto de las aleaciones Ti6Al4V ELI. <i>Revista De Metalurgia</i> , 2018, 54, 130.	0.5	0
41	Microstructure and Mechanical Properties of Ti-Mo-Zr-Cr Biomedical Alloys by Powder Metallurgy. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1262-1271.	2.5	13
42	Effects of Laser Surface Melting on Tiâ€“30Nbâ€“2Sn Sintered Alloy. <i>Advanced Engineering Materials</i> , 2017, 19, 1500640.	3.5	3
43	Electrochemical characterization and passivation behaviour of new beta-titanium alloys (Ti35Nb10Ta-xFe). <i>Electrochimica Acta</i> , 2017, 227, 410-418.	5.2	29
44	Effect of Fe content, sintering temperature and powder processing on the microstructure, fracture and mechanical behaviours of Ti-Mo-Zr-Fe alloys. <i>Journal of Alloys and Compounds</i> , 2017, 729, 1215-1225.	5.5	20
45	From Porous to Dense Nanostructured Î²-Ti alloys through High-Pressure Torsion. <i>Scientific Reports</i> , 2017, 7, 13618.	3.3	24
46	An assessment of microstructure and properties of laser clad coatings of ultrafine eutectic Î² Ti-Fe-Nb-Sn composite for implants. <i>Surface and Coatings Technology</i> , 2017, 328, 161-171.	4.8	11
47	Breakdown, free-volume and dielectric behavior of the nanodielectric coatings based on epoxy/metal oxides. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9240-9254.	2.2	17
48	Microstructural, electrochemical and tribo-electrochemical characterisation of titanium-copper biomedical alloys. <i>Corrosion Science</i> , 2016, 109, 115-125.	6.6	58
49	Desarrollo de las aleaciones de titanio y tratamientos superficiales para incrementar la vida Ãtil de los implantes. <i>Revista De Metalurgia</i> , 2016, 52, 084.	0.5	9
50	Fractographic Study of the Interface Between Zirconia Y-TZP and Its Veneering Ceramic After Shear Strength Testing. <i>International Journal of Prosthodontics</i> , 2015, 28, 432-434.	1.7	1
51	Tribology and high temperature friction wear behavior of MCrAlY laser cladding coatings on stainless steel. <i>Wear</i> , 2015, 330-331, 280-287.	3.1	77
52	High temperature oxidation behavior of laser cladding MCrAlY coatings on austenitic stainless steel. <i>Surface and Coatings Technology</i> , 2015, 270, 243-248.	4.8	58
53	Tribocorrosion behavior of beta titanium biomedical alloys in phosphate buffer saline solution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 46, 59-68.	3.1	63
54	Microstructure and mechanical properties of NiCoCrAlYTa alloy processed by press and sintering route. <i>Materials Characterization</i> , 2015, 101, 159-165.	4.4	29

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55	Development of a stress-induced martensitic transformation criterion for a Cu-Al-Be polycrystalline shape memory alloy undergoing uniaxial tension. <i>Acta Materialia</i> , 2015, 97, 131-145.	7.9	3
56	Electrochemical behavior of near-beta titanium biomedical alloys in phosphate buffer saline solution. <i>Materials Science and Engineering C</i> , 2015, 48, 55-62.	7.3	27
57	Ion-exchanged geopolymer for photocatalytic degradation of a volatile organic compound. <i>Materials Letters</i> , 2014, 134, 222-224.	2.6	39
58	Laser Cladding of MCrAlY Coatings on Stainless Steel. <i>Physics Procedia</i> , 2014, 56, 276-283.	1.2	29
59	Microstructural characterisation of Ti-Nb-(Fe-Cr) alloys obtained by powder metallurgy. <i>Powder Metallurgy</i> , 2014, 57, 316-319.	1.7	2
60	Effect of laser irradiation on failure mechanism of TiCp reinforced titanium composite coating produced by laser cladding. <i>Journal of Materials Processing Technology</i> , 2014, 214, 2325-2332.	6.3	25
61	Laser Cladding of TiAl Intermetallic Alloy on Ti6Al4V -Process Optimization and Properties. <i>Physics Procedia</i> , 2014, 56, 284-293.	1.2	54
62	Desarrollo de intermetálicos TiAl mediante técnicas pulvimetalúrgicas convencionales y de alta densificación. <i>Revista Facultad De Ingeniería</i> , 2014, 23, 25.	0.2	0
63	Influence of the fabrication process and fluoride content on the tribocorrosion behaviour of Ti6Al4V biomedical alloy in artificial saliva. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 137-148.	3.1	77
64	A novel proposal to manipulate the properties of titanium parts by laser surface alloying. <i>Scripta Materialia</i> , 2013, 68, 471-474.	5.2	25
65	Influence of fabrication process on electrochemical and surface properties of Ti-6Al-4V alloy for medical applications. <i>Electrochimica Acta</i> , 2013, 95, 102-111.	5.2	17
66	Microstructure and Mechanical Behavior of Porous Ti-6Al-4V Processed by Spherical Powder Sintering. <i>Materials</i> , 2013, 6, 4868-4878.	2.9	20
67	Fabricación de gres porcelánico empleando ceniza de tamo de arroz en sustitución del feldespato. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2013, 52, 283-290.	1.9	5
68	Problems in laser repair cladding a surface AISI D2 heat-treated tool steel. <i>Welding International</i> , 2013, 27, 10-17.	0.7	10
69	Tribocorrosion mechanisms of Ti <sub>6</sub> Al <sub>4</sub> V biomedical alloys in artificial saliva with different pHs. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 404003.	2.8	37
70	Accuracy combining different brands of implants and abutments. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2013, 18, e332-e336.	1.7	11
71	Bond strength of selected composite resin-cements to zirconium-oxide ceramic. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2013, 18, e115-e123.	1.7	20
72	Refuerzo secundario de pastas de cemento portland ultrafino con nanofibras agregadas de poli (alcohol vinílico). <i>Revista De La Construcción</i> , 2013, 12, 61-66.	0.5	1

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73	Cenizas del tamo de arroz como sustituto del feldespatos en la fabricaci3n de cer3mica blanca. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2013, 52, 25-30.	1.9	4
74	Study of the solidification of M2 high speed steel Laser Cladding coatings. Revista De Metalurgia, 2013, 49, 369-377.	0.5	5
75	Microstructure of MCrAlY coatings on steel substrates. , 2013, , .		0
76	Fabricaci3n y caracterizaci3n de aleaciones porosas de Ti y Ti6Al4V producidas mediante sinterizaci3n con espaciador. Revista De Metalurgia, 2013, 49, 20-30.	0.5	2
77	Efecto de las variables de proceso sobre el comportamiento a flexi3n de aleaciones Ti - 3% at. X (X = Nb,) Tj ETQq1,1,0.7843,14 rgBT	0.5	0
78	Processing and Characterization of Î²-Ti Alloys by Means of Powder Metallurgy Processing and Blender Elemental. Materials Science Forum, 2012, 727-728, 61-66.	0.3	4
79	Processing of Ti Scaffolds by Sintering with Different Spacers. Materials Science Forum, 2012, 727-728, 398-403.	0.3	0
80	Study of the biotribocorrosion behaviour of titanium biomedical alloys in simulated body fluids by electrochemical techniques. Wear, 2012, 294-295, 409-418.	3.1	66
81	Application of the Zero-Order Reaction Rate Model and Transition State Theory to predict porous Ti6Al4V bending strength. Materials Science and Engineering C, 2012, 32, 1621-1626.	7.3	0
82	Processing, characterization and biological testing of porous titanium obtained by space-holder technique. Journal of Materials Science, 2012, 47, 6565-6576.	3.7	77
83	Incorporation of photoactive TiO2 in an aluminosilicate inorganic polymer by ion exchange. Microporous and Mesoporous Materials, 2012, 153, 282-287.	4.4	44
84	Development of porous Ti6Al4V samples by microsphere sintering. Journal of Materials Processing Technology, 2012, 212, 3-7.	6.3	22
85	Recent advances in laser surface treatment of titanium alloys. Journal of Laser Applications, 2011, 23, 022005.	1.7	13
86	Stiffness variation of porous titanium developed using space holder method. Powder Metallurgy, 2011, 54, 389-392.	1.7	10
87	Effect of porosity on the absorbed, reemitted and transmitted light by a geopolymer metakaolin base. Materials Letters, 2011, 65, 880-883.	2.6	17
88	The effect of temperature on the geopolymerization process of a metakaolin-based geopolymer. Materials Letters, 2011, 65, 995-998.	2.6	178
89	Laser Cladding of TiC for Better Titanium Components. Physics Procedia, 2011, 12, 313-322.	1.2	49
90	Crack Free Tungsten Carbide Reinforced Ni(Cr) Layers obtained by Laser Cladding. Physics Procedia, 2011, 12, 338-344.	1.2	50

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91	Modeling of phase transformations of Ti6Al4V during laser metal deposition. Physics Procedia, 2011, 12, 666-673.	1.2	40
92	Analysis of bending strength of porous titanium processed by space holder method. Powder Metallurgy, 2011, 54, 67-70.	1.7	31
93	Gas Nitriding of Sintered Austenitic Stainless Steel. Defect and Diffusion Forum, 2011, 312-315, 524-529.	0.4	1
94	Valoración puzolánica de la hoja de la caña de azúcar. Materiales De Construccion, 2011, 61, 213-225.	0.7	11
95	Evaluación de las transformaciones estructurales en recubrimientos de WC10Ni depositados por laser cladding sobre acero para herramienta EN 12379. Revista De Metalurgia, 2011, 47, 355-364.	0.5	0
96	Influence of Microalloying Elements on Recrystallization Texture of Warm-Rolled Interstitial Free Steels. Materials Transactions, 2010, 51, 625-634.	1.2	14
97	<title>Reinforcement of titanium by laser metal deposition</title>. , 2010, , .		0
98	Electrochemical criteria for evaluating conservative treatments applied to contemporary metallic sculpture. A case study. Journal of Solid State Electrochemistry, 2010, 14, 437-447.	2.5	12
99	Sliding wear resistance of TiCp reinforced titanium composite coating produced by laser cladding. Surface and Coatings Technology, 2010, 204, 3161-3166.	4.8	103
100	Bond strength evaluation of the veneering-ceramics bonds. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2010, , e919-e923.	1.7	17
101	Evaluación de la oxidación superficial de recubrimientos de Ti6Al4V obtenidos por recubrimiento por láser. Revista De Metalurgia, 2010, 46, 13-18.	0.5	2
102	Problemas en la reparación por <i>laser cladding</i> de superficies de acero AISI D2 tratado térmicamente. Revista De Metalurgia, 2010, 46, 340-350.	0.5	2
103	Caracterización mecánica de aleaciones Ti-Nb mediante ensayos de flexión biaxial. Revista De Metalurgia, 2010, 46, 19-25.	0.5	5
104	Caracterización mecánica de aleaciones porosas, base Ti, producidas mediante la técnica de sinterización con espaciador. Revista De Metalurgia, 2010, 46, 26-32.	0.5	2
105	In vitro experimental study of bonding between aluminium oxide ceramics and resin cements. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2009, 15, e95-e100.	1.7	7
106	Analysis of Boron Carbide Aluminum Matrix Composites. Journal of Composite Materials, 2009, 43, 987-995.	2.4	37
107	PM companies eye a new future of taking medicine. Metal Powder Report, 2009, 64, 12-17.	0.1	2
108	Fatigue behaviour of GMAW welded aluminium alloy AA7020. Welding International, 2009, 23, 773-777.	0.7	2

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109	Wear behaviour of WC plasma sprayed coatings with micro and nanostructured powders. Revista De Metalurgia, 2008, 44, .	0.5	1
110	Study of the sintering behavior of fine, ultrafine and nanocrystalline WC-Co mixtures obtained by high energy milling. Revista De Metalurgia, 2008, 44, .	0.5	0
111	Interactions in Titanium Matrix Composites Reinforced by Titanium Compounds by Conventional PM Route. Materials Science Forum, 2007, 534-536, 817-820.	0.3	6
112	Mechanical and Microstructural Properties of Titanium Matrix Composites Reinforced by TiN Particles. Materials Science Forum, 2007, 534-536, 825-828.	0.3	11
113	Assessment of factors influencing surface recrystallisation during high temperature exposure of fine-grained PM 2000 alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 471, 120-124.	5.6	11
114	Insights into pulsed electrodeposition of GMR multilayered nanowires. Journal of Magnetism and Magnetic Materials, 2007, 316, e242-e245.	2.3	32
115	Mechanical Properties of Composites Made of an Aluminum Alloy Matrix Reinforced with Titanium Nitride Particles, Consolidated by Powder Extrusion. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2007, 38, 1-4.	2.1	7
116	Mechanical and microstructural evolution of a 3xxx aluminium alloy made by hazelett process. Revista De Metalurgia, 2007, 43, .	0.5	1
117	Matrix-reinforcement reactivity in P/M titanium matrix composites. Revista De Metalurgia, 2007, 43, .	0.5	5
118	Fatigue behavior of GMAW welded Aluminium alloy AA7020. Revista De Metalurgia, 2007, 43, .	0.5	2
119	Mechanical properties of duplex stainless steel laser joints. Welding International, 2006, 20, 361-366.	0.7	7
120	A physical model for the aging of an aluminum-base alloy reinforced with nitride particles. Inorganic Materials, 2006, 42, 1065-1071.	0.8	3
121	Surface modification of austenitic steel by low-temperature plasma. Vacuum, 2005, 78, 389-394.	3.5	12
122	Propiedades mecánicas de las uniones por láser de aceros inoxidables dúplex. Revista De Metalurgia, 2005, 41, 90-97.	0.5	4
123	Estudio de las propiedades mecánicas en materiales compuestos de matriz aluminio pulvimetalúrgicos conformados mediante forja o extrusión. Revista De Metalurgia, 2005, 41, 365-373.	0.5	4
124	Microstructural change of the HAZ in an MIG welded bond on an AA7020 aluminium alloy: stress corrosion crack growth rate in dissimilar metal welds. Welding International, 2004, 18, 538-542.	0.7	1
125	Influencia del tratamiento HIP en la distribución de los carburos en prótesis Co-Cr-Mo. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2004, 43, 573-577.	1.9	4
126	Comportamiento frente al desgaste en materiales compuestos de aluminio reforzados con partículas cerámicas. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2004, 43, 299-303.	1.9	0



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127	Investigación de la interacción matriz/refuerzo en materiales compuestos AA6061/partículas Ti-Al mediante análisis de imagen. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2004, 43, 255-258.	1.9	0
128	Modificación de las propiedades superficiales de aceros inoxidables Duplex mediante recubrimientos por IASer. Revista De Metalurgia, 2004, 40, 403-408.	0.5	0
129	Microstructural evolution of Ti-6Al-4V during the sintering of microspheres of Ti for orthopedic implants. Journal of Materials Processing Technology, 2003, 141, 117-122.	6.3	32
130	Evaluation of chemical degradation of commercial polypropylene. Journal of Materials Processing Technology, 2003, 143-144, 693-697.	6.3	4
131	Cure effects on post-impact tensile characteristics of 2D epoxy composites. Journal of Materials Processing Technology, 2003, 143-144, 209-213.	6.3	6
132	Development of Al-Si-Mg alloys reinforced with diboride particles. Journal of Materials Processing Technology, 2003, 143-144, 598-604.	6.3	15
133	Microstructure and mechanical behaviour of Al-Si-Mg alloys reinforced with Ti-Al intermetallics. Journal of Materials Processing Technology, 2003, 143-144, 605-611.	6.3	25
134	Development of Aluminium Composites through P/M Route: Case of Nitrides. Materials Science Forum, 2003, 426-432, 2139-2144.	0.3	1
135	Evolución microestructural de la ZAC en la unión soldada con MIG sobre una aleación de aluminio AA7020W. Revista De Metalurgia, 2003, 39, 298-303.	0.5	1
136	Focused Ion Beam Sectioning and Lift-out Method for Copper and Resist Vias in Organic Low-k Dielectrics. Microscopy and Microanalysis, 2002, 8, 502-508.	0.4	1
137	Flexural Characteristics of Sunlight-Aged Polyester Composites: Influence of Processing Variables. Journal of Testing and Evaluation, 2002, 30, 20-26.	0.7	8
138	Pitting corrosion of an Al-Mg-Si-Cu alloy reinforced with nitride particles, P/M processed. Journal of Materials Science Letters, 2001, 20, 197-199.	0.5	4
139	Comportamiento mecánico de compuestos de aluminio reforzados con partículas en función de la temperatura. Revista De Metalurgia, 2001, 37, 245-249.	0.5	1
140	Evolución del comportamiento a tracción de composites poliéster y fibra de vidrio sometidos a degradación térmica y lumínica. Revista De Metalurgia, 2001, 37, 250-254.	0.5	1
141	Influence of processing variables on mechanical characteristics of sunlight aged polyester-glass fibre composites. Polymer Degradation and Stability, 2000, 71, 179-184.	5.8	30
142	Liquid phase sintering of CMCs based on clinker Portland. Journal of the European Ceramic Society, 2000, 20, 2215-2224.	5.7	9
143	Microstructure and mechanical behavior of 6061Al reinforced with silicon nitride particles, processed by powder metallurgy. Scripta Materialia, 2000, 42, 383-388.	5.2	50
144	Microstructural and strength study of MIG welded joints of AW7020 aluminium alloy, as a function of joint geometry. Welding International, 2000, 14, 970-974.	0.7	1

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145	Obtención por vía pulvimetalúrgica de materiales compuestos de matriz de aluminio reforzados con nitruros. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2000, 39, 503-505.	1.9	1
146	Estudio microestructural y de resistencia de uniones soldadas de la aleación AW7020 por procedimiento MIG en función de la preparación de bordes. Revista De Metalurgia, 2000, 36, 33-39.	0.5	2
147	Microestructura y propiedades mecánicas de materiales compuestos de matriz Al-Mg-Si-Cu reforzada con AlNp, procesados por extrusión de polvos. Revista De Metalurgia, 2000, 36, 348-356.	0.5	5
148	Effect of welding on the microstructure and stress corrosion cracking susceptibility of AA7028 alloy. Welding International, 1997, 11, 973-977.	0.7	2
149	Influence of delay step conditions between quenching and aging on the precipitation mechanisms in the alloy AlZnMg AA7028 aging process. Scripta Materialia, 1997, 36, 673-679.	5.2	1
150	Efecto en la microestructura y en la resistencia a la corrosión bajo tensión del calentamiento producido por la soldadura en la aleación AA7028. Revista De Metalurgia, 1997, 33, 37-43.	0.5	0
151	P/M MMC's Base Aluminum Reinforced with Ni<sub>3</sub>Al Intermetallic Made by Mechanical Alloying Route. Materials Science Forum, 1996, 217-222, 1859-1864.	0.3	9
152	Mechanical Behavior of Al-Mg-Si Alloys Reinforced with Ceramic and Intermetallic Particles. Materials Science Forum, 0, 416-418, 219-227.	0.3	0
153	Titanium Metal Matrix Composite Laser Coatings Based on Carbides. Materials Science Forum, 0, 727-728, 299-304.	0.3	4
154	Effect of Fe Addition on Microstructure and Properties of Powder Metallurgy Ti35Nb10Ta Alloy. Materials Science Forum, 0, 899, 206-211.	0.3	2
155	Effect of Bactericidal Elements Addition on the Microstructure and Mechanical Properties of Ti34Nb Alloy. Materials Science Forum, 0, 899, 185-190.	0.3	0
156	Evaluation of the Physical and Biological Properties of Ti-34Nb-6Sn/Mg Alloy Obtained by Powder Metallurgy for Use as Biomaterial. Materials Research, 0, 25, .	1.3	0
157	Magnesium in Synthesis of Porous and Biofunctionalized Metallic Materials. , 0, , .		0