Francisco J VelÃ¡sco

List of Publications by Year
in descending order

163	3,831	182225	175968
papers	citations	30 h-index	55 g-index

163	163	163	3035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of licorice plant extract for controlling corrosion of steel rebar in chloride-polluted concrete pore solution. Journal of Molecular Liquids, 2022, 346, 117856.	2.3	20
2	Chloride-induced corrosion of steel reinforcement in mortars manufactured with alternative environmentally-friendly binders. Cement and Concrete Composites, 2022, 130, 104557.	4.6	11
3	Performance of ultraviolet exposed epoxy powder coatings functionalized with silica by hot mixing. Journal of Materials Research and Technology, 2021, 10, 1042-1057.	2.6	11
4	Mechanical properties and fire-resistance of composites with marble particles. Journal of Materials Research and Technology, 2021, 12, 1403-1417.	2.6	15
5	One-Step Enameling and Sintering of Low-Carbon Steels. Metals, 2021, 11, 1007.	1.0	3
6	Hindering the decrease in wear resistance of UV-exposed epoxy powder coatings by adding nano-SiO2 through ball milling. Wear, 2021, 480-481, 203935.	1.5	4
7	Hybrid cements: Towards their use as alternative and durable materials against wear. Construction and Building Materials, 2021, 312, 125397.	3.2	6
8	Manufacturing and Characterization of Coatings from Polyamide Powders Functionalized with Nanosilica. Polymers, 2020, 12, 2298.	2.0	15
9	Epoxy powder coatings hot mixed with nanoparticles to improve their abrasive wear. Wear, 2020, 448-449, 203211.	1.5	8
10	Eco-Efficient Hybrid Cements: Pozzolanic, Mechanical and Abrasion Properties. Applied Sciences (Switzerland), 2020, 10, 8986.	1.3	15
11	Thermal characterization and diffusivity of two mono-component epoxies for transformer insulation. International Journal of Adhesion and Adhesives, 2020, 103, 102726.	1.4	8
12	Functionalizing organic powder coatings with nanoparticles through ball milling for wear applications. Applied Surface Science, 2020, 513, 145834.	3.1	20
13	Wear behavior in pastes of alkali-activated materials: Influence of precursor and alkali solution. Tribology International, 2020, 147, 106293.	3.0	13
14	Coating cork particles with iron oxide: effect on magnetic properties. Wood Science and Technology, 2020, 54, 869-889.	1.4	9
15	Effect of silica nanoparticles on the curing kinetics and erosion wear of an epoxy powder coating. Journal of Materials Research and Technology, 2020, 9, 455-464.	2.6	18
16	Corrosion Protection in Chloride Environments of Nanosilica Containing Epoxy Powder Coatings with Defects. Journal of the Electrochemical Society, 2020, 167, 161507.	1.3	9
17	Influence of the Alkaline Reserve of Chloride-Contaminated Mortars on the 6-Year Corrosion Behavior of Corrugated UNS S32304 and S32001 Stainless Steels. Metals, 2019, 9, 686.	1.0	7
18	Use of Innovative Gel Electrolytes for Electrochemical Corrosion Measurements on Carbon and Galvanized Steel Surfaces. Corrosion, 2019, 75, 1502-1512.	0.5	11

#	Article	IF	Citations
19	Influence of the microstructure of TMT reinforcing bars on their corrosion behavior in concrete with chlorides. Construction and Building Materials, 2019, 229, 116899.	3.2	36
20	Influence of the cold working induced martensite on the electrochemical behavior of AISI 304 stainless steel surfaces. Journal of Materials Research and Technology, 2019, 8, 1335-1346.	2.6	51
21	Development of superhydrophobic coatings on AISI 304 austenitic stainless steel with different surface pretreatments. Thin Solid Films, 2019, 671, 22-30.	0.8	20
22	Effect on wear resistance of nanoparticles addition to a powder polyester coating through ball milling. Journal of Coatings Technology Research, 2018, 15, 771-779.	1.2	14
23	Non-Destructive Electrochemical Testing for Stainless-Steel Components with Complex Geometry Using Innovative Gel Electrolytes. Metals, 2018, 8, 500.	1.0	21
24	Effect of atmospheric plasma torch on ballistic woven aramid. Textile Reseach Journal, 2017, 87, 2358-2367.	1.1	6
25	Welded, pickled stainless steel reinforcements: corrosion results after 9â€‰years in mortar. Magazine of Concrete Research, 2016, 68, 1099-1109.	0.9	2
26	Design of gel electrolytes for electrochemical studies on metal surfaces with complex geometry. Electrochimica Acta, 2016, 220, 20-28.	2.6	27
27	Silane pretreatment of electrogalvanized steels: Effect on adhesive properties. International Journal of Adhesion and Adhesives, 2016, 65, 54-62.	1.4	30
28	Experimental method for the determination of material parameters of plasticity models for toughened adhesives. International Journal of Adhesion and Adhesives, 2016, 68, 182-187.	1.4	7
29	Welded, sandblasted, stainless steel corrugated bars in non-carbonated and carbonated mortars: A 9-year corrosion study. Corrosion Science, 2016, 102, 363-372.	3.0	48
30	Selective corrosion of duplex stainless steel bars in acid. Part 2: Effect of the surface strain and numerical analysis. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 357-365.	0.8	11
31	Evaluation of Adhesion Improvement of a GFRP Treated with Atmospheric Plasma Torch. Journal of Adhesion, 2015, 91, 937-949.	1.8	3
32	Corrugated stainless steels embedded in mortar for 9years: Corrosion results of non-carbonated, chloride-contaminated samples. Construction and Building Materials, 2015, 93, 350-359.	3.2	35
33	Corrugated stainless steels embedded in carbonated mortars with and without chlorides: 9-Year corrosion results. Construction and Building Materials, 2015, 95, 186-196.	3.2	25
34	Selective corrosion of duplex stainless steel bars in acid. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 347-356.	0.8	12
35	Microstructural influence on corrosion properties of aluminium composites reinforced with amorphous iron borides. Materials and Corrosion - Werkstoffe Und Korrosion, 2014, 65, 678-684.	0.8	11
36	Cavitation resistance of epoxy-based multilayer coatings: Surface damage and crack growth kinetics during the incubation stage. Wear, 2014, 316, 124-132.	1.5	20

#	Article	IF	Citations
37	Atmospheric plasma torch treatment of polyethylene/boron composites: Effect on thermal stability. Surface and Coatings Technology, 2014, 239, 70-77.	2.2	16
38	Oxidation of Micro-Sized Aluminium Particles: Hollow Alumina Spheres. Oxidation of Metals, 2013, 80, 403-422.	1.0	17
39	Modification of glass surfaces adhesion properties by atmospheric pressure plasma torch. International Journal of Adhesion and Adhesives, 2013, 44, 1-8.	1.4	31
40	Influence of strain-induced martensite in the anodic dissolution of austenitic stainless steels in acid medium. Corrosion Science, 2013, 69, 130-138.	3.0	50
41	Atmospheric plasma torch treatment of aluminium: Improving wettability with silanes. Applied Surface Science, 2013, 287, 263-269.	3.1	14
42	Epoxy Composite Reinforced with Nano and Micro SiC Particles: Curing Kinetics and Mechanical Properties. Journal of Adhesion, 2012, 88, 418-434.	1.8	66
43	Influence of the forming process of corrugated stainless steels on their corrosion behaviour in simulated pore solutions. Corrosion Science, 2012, 58, 52-61.	3.0	58
44	Aging and thermal behavior of a PVA/Al microspheres slurry for aluminizing purposes. Materials Chemistry and Physics, 2012, 134, 360-365.	2.0	32
45	Effect of Moisture and Temperature on the Mechanical Properties of an Epoxy Reinforced with Boron Carbide. Journal of Adhesion Science and Technology, 2011, 25, 2445-2460.	1.4	33
46	Corrosion behaviour of corrugated lean duplex stainless steels in simulated concrete pore solutions. Corrosion Science, 2011, 53, 1748-1755.	3.0	84
47	Mechanical properties of polyester films painted after silanization of 6063 aluminium alloy with different pretreatment conditions. Progress in Organic Coatings, 2011, 70, 287-292.	1.9	15
48	Influence of thread geometry on the performance of retaining anaerobic adhesives. International Journal of Adhesion and Adhesives, 2011, 31, 429-433.	1.4	3
49	Effect of high frequency cathodic pulses on steel embedded in mortar: short and medium term tests. Corrosion Engineering Science and Technology, 2011, 46, 493-498.	0.7	0
50	Milling process of petroleum coke for sintered steel applications. Powder Metallurgy, 2011, 54, 59-66.	0.9	0
51	Estudio mediante AFM de la corrosiÃ³n de aceros en disoluciones de fase acuosa del hormigÃ³n. Materiales De Construccion, 2011, 61, 27-37.	0.2	3
52	Hydrolysis study of bis-1,2-(triethoxysilyl)ethane silane by NMR. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 369, 53-56.	2.3	25
53	The Influence of pH on the Hydrolysis Process of Î³-Methacryloxypropyltrimethoxysilane, Analyzed by FT-IR, and the Silanization of Electrogalvanized Steel. Journal of Adhesion Science and Technology, 2010, 24, 1131-1143.	1.4	34
54	Structural and Mechanical Characterization of Î³-Methacryloxypropyltrimethoxysilane (MPS) on Zn-Electrocoated Steel. Journal of Adhesion Science and Technology, 2010, 24, 1885-1901.	1.4	8

#	Article	IF	Citations
55	Study by XPS of an Atmospheric Plasma-Torch Treated Glass: Influence on Adhesion. Journal of Adhesion Science and Technology, 2010, 24, 1841-1854.	1.4	17
56	Effect of the chromite precipitates on the corrosion performance of SSR. , 2010, , 1069-1076.		0
57	Friction of PM ferritic stainless steels at temperatures up to 300Â°C. Tribology International, 2009, 42, 1199-1205.	3.0	13
58	Effect of welding on local mechanical properties of stainless steels for concrete structures using universal hardness tests. Construction and Building Materials, 2009, 23, 1883-1891.	3.2	25
59	Analysis of hydrolysis process of Î³-methacryloxypropyltrimethoxysilane and its influence on the formation of silane coatings on 6063 aluminum alloy. Applied Surface Science, 2009, 255, 6386-6390.	3.1	104
60	High-temperature oxidation and aqueous corrosion performance of ferritic, vacuum-sintered stainless steels prealloyed with Si. Corrosion Science, 2009, 51, 21-27.	3.0	23
61	Changes in the passive layer of corrugated austenitic stainless steel of low nickel content due to exposure to simulated pore solutions. Corrosion Science, 2009, 51, 785-792.	3.0	79
62	Aqueous corrosion behaviour of sintered stainless steels manufactured from mixes of gas atomized and water atomized powders. Corrosion Science, 2009, 51, 1651-1657.	3.0	16
63	Effect of Boron Carbide Filler on the Curing and Mechanical Properties of an Epoxy Resin. Journal of Adhesion, 2009, 85, 216-238.	1.8	102
64	Optimization of the Design of a Double-Cup Specimen Using the Finite Element Method for Testing Adhesive Bonds Under Tensile Loads. Journal of Adhesion Science and Technology, 2009, 23, 1357-1368.	1.4	0
65	Oxidation Behavior of Highly Porous Metallic Components. Oxidation of Metals, 2008, 70, 267-286.	1.0	21
66	Analytical solution to calculate the stress distribution in pin-and-collar samples bonded with anaerobic adhesives (following ISO 10123 standard). International Journal of Adhesion and Adhesives, 2008, 28, 405-410.	1.4	8
67	Study of the System Mo-Fe-B for Wear-Resistant Materials. Materials Science Forum, 2008, 591-593, 265-270.	0.3	0
68	Manufacturing of metallic anodic supports for SOFC by powder metallurgy. Revista De Metalurgia, 2008, 44, .	0.1	2
69	Analysis of substrate preparation and curing position on mechanical properties of adhesive joints using statistical methods. Journal of Adhesion Science and Technology, 2007, 21, 1045-1058.	1.4	4
70	Analysis of shear strength of cylindrical assemblies with anaerobic adhesives using Weibull statistics. Journal of Adhesion Science and Technology, 2007, 21, 1659-1669.	1.4	3
71	Sintering Stainless Steels with Boron Addition in Nitrogen Base Atmosphere. Materials Science Forum, 2007, 534-536, 733-736.	0.3	2
72	Corrosion performance of welded stainless steels reinforcements in simulated pore solutions. Construction and Building Materials, 2007, 21, 1267-1276.	3.2	35

#	Article	IF	Citations
73	Optimization of processing parameters for the Al+10% B4C system obtained by mechanical alloying. Journal of Materials Processing Technology, 2007, 184, 441-446.	3.1	86
74	Density-improved powder metallurgical ferritic stainless steels for high-temperature applications. Journal of Materials Processing Technology, 2007, 189, 344-351.	3.1	22
75	PasivaciÃ³n de aceros inoxidables dÃºplex en disoluciones que simulan el hormigÃ³n contaminado con cloruros. Materiales De Construccion, 2007, 57, .	0.2	6
76	One step production of aluminium matrix composite powders by mechanical alloying. Composites Part A: Applied Science and Manufacturing, 2006, 37, 2114-2120.	3.8	69
77	Effect of the boron content in the aluminium/boron composite. Journal of Alloys and Compounds, 2006, 422, 67-72.	2.8	30
78	Corrosion behaviour of low-nickel austenitic stainless steels reinforcements: A comparative study in simulated pore solutions. Cement and Concrete Research, 2006, 36, 1922-1930.	4.6	78
79	Processing of M2 powder metallurgy high-speed steel by means of starch consolidation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 419, 1-7.	2.6	19
80	Differential thermal analysis of the Al+20% (Feâ€“50%B) system. Journal of Solid State Chemistry, 2006, 179, 2787-2790.	1.4	14
81	Influence of Forming on the Mechanical Properties of the Al + 50 % B₄C System. Materials Science Forum, 2006, 530-531, 304-309.	0.3	0
82	Mechanical and oxidation properties of high density sintered duplex stainless steels obtained from mix of water and gas atomised powders. Powder Metallurgy, 2006, 49, 265-273.	0.9	10
83	Corrosion behaviour of powder metallurgical stainless steels after two years of exposure in atmosphere. Corrosion Engineering Science and Technology, 2006, 41, 284-290.	0.7	2
84	Manufacturing of Porous Boron Steels Potentially Useful as Nuclear Materials. Journal of Nuclear Science and Technology, 2006, 43, 866-873.	0.7	3
85	Influence of the sintering temperature on mechanical properties of the Al + 20 % Fe/B system. Revista De Metalurgia, 2006, 42, .	0.1	3
86	Corrosion behavior of powder metallurgical stainless steels in urban and marine environments. Revista De Metalurgia, 2006, 42, .	0.1	14
87	Influence of microstructure on mechanical properties of molybdenum alloyed P/M steels. Journal of Materials Processing Technology, 2005, 168, 505-510.	3.1	17
88	Influence of sintering on the corrosion behavior of a Ti-6Al-4V alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2005, 56, 98-103.	0.8	17
89	Microstructural Analysis of Impact Wear in Perforating Projectiles. Praktische Metallographie/Practical Metallography, 2005, 42, 279-289.	0.1	0
90	Aluminium Matrix Composites Reinforced with Si₃N₄, AlN and ZrB₂, Produced by Conventional Powder Metallurgy and Mechanical Alloying. KONA Powder and Particle Journal, 2004, 22, 143-150.	0.9	9

#	Article	IF	Citations
91	High Temperature Performance of Ferritic Stainless Steels Manufactured by Powder-Metallurgy. Materials Science Forum, 2004, 461-464, 1149-1156.	0.3	5
92	Borides and vitreous compounds sintered as high-energy fuels. Journal of Solid State Chemistry, 2004, 177, 619-627.	1.4	25
93	Recovered slate waste as raw material for manufacturing sintered structural tiles. Journal of the European Ceramic Society, 2004, 24, 811-819.	2.8	34
94	Preparation of aluminium boride by powder technology. Ceramics International, 2004, 30, 301-306.	2.3	12
95	Substitution of graphite in powder metallurgical steels with carbon from petroleum products. Powder Metallurgy, 2004, 47, 99-104.	0.9	1
96	Title is missing!. Oxidation of Metals, 2003, 59, 373-393.	1.0	56
97	Fracture analysis of aluminium matrix composite materials reinforced with (Ni3Al)p. Journal of Materials Science, 2003, 38, 521-525.	1.7	8
98	Atmosphere influence in sintering process of stainless steels matrix composites reinforced with hard particles. Composites Science and Technology, 2003, 63, 69-79.	3.8	53
99	Effect of intermetallic particles on wear behaviour of stainless steel matrix composites. Tribology International, 2003, 36, 547-551.	3.0	34
100	Effect of mechanical alloying on the morphology, microstructure and properties of aluminium matrix composite powders. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 342, 131-143.	2.6	393
101	P/M aluminum matrix composites: an overview. Journal of Materials Processing Technology, 2003, 133, 203-206.	3.1	619
102	Influence of alloying element additions on tribological behaviour of sintered steels with high content in manganeseâ€“nickel. Journal of Materials Processing Technology, 2003, 143-144, 475-480.	3.1	22
103	Water-based processing of high-speed steel utilising starch consolidation. Journal of Materials Processing Technology, 2003, 143-144, 752-757.	3.1	7
104	Automatic quantification of phases and mechanical characterization of materials based on Portland clinker modified with silica and alumina additions. Journal of Materials Processing Technology, 2003, 143-144, 286-289.	3.1	1
105	Oxidation resistance of sintered stainless steels: effect of yttria additions. Corrosion Science, 2003, 45, 1343-1354.	3.0	61
106	Ni Diffusion Process between Austenite and Ferrite in a Sintered Duplex Stainless Steel Obtained by Powder Mixing. Materials Science Forum, 2003, 426-432, 4343-4348.	0.3	3
107	Effect of Refractory Element Additions on the Properties of Sintered Stainless Steels. Materials Science Forum, 2003, 416-418, 381-387.	0.3	0
108	Oxidation Behaviour at High Temperature of Ferritic Stainless Steels Manufactured by Powder Metallurgy. Materials Science Forum, 2003, 426-432, 4355-4360.	0.3	6

#	Article	IF	Citations
109	Low-Temperature and High-Temperature Corrosion Behaviour of Powder Metallurgical Duplex Stainless Steels. Materials Science Forum, 2003, 426-432, 4367-4372.	0.3	4
110	Friction and wear behaviour of CMCs based on Portland clinker against steel countermaterial. Advances in Applied Ceramics, 2002, 101, 65-70.	0.4	0
111	Mechanical properties and wear behaviour of PM aluminium composite reinforced with (Fe3Al) particles. Powder Metallurgy, 2002, 45, 247-250.	0.9	11
112	Atmosphere Influence on Sintered 316L Austenitic Stainless Steel Matrix Composites Reinforced with Intermetallic and Carbide Particles. Key Engineering Materials, 2002, 230-232, 102-105.	0.4	0
113	Influence Of The Ni3Al Intermetallic Reinforcement On Intergranular Corrosion In Aluminium Metal Matrix Composite. Materials Technology, 2002, 17, 151-155.	1.5	0
114	Mechanical behaviour of the interphase between matrix and reinforcement of Al 2014 matrix composites reinforced with (Ni3Al)p. Composites Part A: Applied Science and Manufacturing, 2002, 33, 427-434.	3.8	43
115	TiCNâ€"high speed steel composites: sinterability and properties. Composites Part A: Applied Science and Manufacturing, 2002, 33, 819-827.	3.8	18
116	Mechanical, intergranular corrosion, and wear behavior of aluminum-matrix composite materials reinforced with nickel aluminides. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2002, 33, 3541-3553.	1.1	9
117	Reinforcing 316L stainless steel with intermetallic and carbide particles. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 335, 1-5.	2.6	49
118	Influencia de las adiciones de TaC y NbC en las propiedades de los aceros rÃ¡pidos pulvimetalÃºrgicos M3/2. Revista De Metalurgia, 2002, 38, 83-93.	0.1	4
119	Statistical approach to mechanical behaviour of ceramic matrix composites based on Portland clinker. Ceramics International, 2001, 27, 391-399.	2.3	7
120	Radial crushing strength and microstructure of molybdenum alloyed sintered steels. Journal of Materials Processing Technology, 2001, 119, 7-13.	3.1	17
121	Influence of fluorite addition on white Portland clinker properties. Journal of Materials Science Letters, 2001, 20, 183-185.	0.5	0
122	Wear Behavior of a Ferritic Stainless Steel with Carbides Manufactured through Powder Metallurgy. Journal of Materials Engineering and Performance, 2001, 10, 479-483.	1.2	1
123	Study of sinterability of bronze and phosphorus bronze steels. Materials Chemistry and Physics, 2001, 67, 66-71.	2.0	3
124	Mechanical and wear behaviour of high-speed steels reinforced with TiCN particles. International Journal of Refractory Metals and Hard Materials, 2001, 19, 319-323.	1.7	16
125	Mechanical properties and wear behaviour of nitrided Feâ€“3Â·5Mo base sintered steels. Materials Science and Technology, 2001, 17, 309-314.	0.8	9
126	Microstructural Development and Mechanical Properties of High Speed Steels. Key Engineering Materials, 2001, 189-191, 309-314.	0.4	0

#	Article	IF	Citations
127	Salt Spray Corrosion Behaviour of Austenitic Stainless Steel Matrix Composites. Key Engineering Materials, 2001, 189-191, 346-351.	0.4	1
128	Influencia de diferentes tratamientos termoquÃmicos en aceros sinterizados base molibdeno. Revista De Metalurgia, 2001, 37, 115-118.	0.1	0
129	Wear mechanisms in high speed steel reinforced with (NbC)p and (TaC)p MMCs. Wear, 2000, 239, 251-259.	1.5	74
130	Tribological behaviour of composite materials based on clinker portland reinforced with oxides. Wear, 2000, 237, 107-115.	1.5	1
131	Title is missing!. Journal of Materials Science, 2000, 35, 4087-4092.	1.7	2
132	P/M aluminum matrix composite reinforced with (AlCr2)p. Journal of Materials Science Letters, 2000, 19, 1509-1512.	0.5	7
133	Intergranular corrosion resistance of Fe3Al/2014 Al particulate MMC. Journal of Materials Science Letters, 2000, 19, 61-63.	0.5	3
134	Microstructural development of high speed steels metal matrix composites. Journal of Materials Science Letters, 2000, 19, 2011-2014.	0.5	10
135	Materiales compuestos de matriz metÃ¡lica. I parte. Tipos, propiedades, aplicaciones. Revista De Metalurgia, 2000, 36, 179-192.	0.1	22
136	Materiales compuestos de matriz metÃ¡lica. II parte. MÃ©todos de procesado y consolidaciÃ³n de MMCs reforzados con partÃculas. Revista De Metalurgia, 2000, 36, 193-197.	0.1	4
137	AleaciÃ³n mecÃ¡nica: MÃ©todo de obtenciÃ³n de polvos metÃ¡licos y de materiales compuestos. Revista De Metalurgia, 2000, 36, 279-286.	0.1	13
138	Stainless Steel Matrix Composites Reinforced with AlCr₂. Materials Science Forum, 1999, 299-300, 431-438.	0.3	11
139	Fracture mechanisms in sintered steels with 3.5%(wt.) Mo. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 259, 98-104.	2.6	18
140	Wear behaviour of aluminum reinforced with nickel aluminide MMCs. Journal of Materials Processing Technology, 1999, 92-93, 66-70.	3.1	21
141	Corrosion Resistance of 2014 Aluminium Matrix Composites Reinforced with Atomised Ni3Al. Materials Technology, 1999, 6, 117-127.	0.3	6
142	Mechanical properties and wear behaviour of ceramic matrix composites based on clinker portland doped with magnesia. Journal of Materials Processing Technology, 1998, 78, 12-17.	3.1	6
143	Intergranular Corrosion Resistance of 2014 Aluminium Alloys Reinforced with Ni₃Al. Materials Science Forum, 1998, 299-300, 279-285.	0.3	5
144	Mechanical and corrosion behaviour of powder metallurgy stainless steel based metal matrix composites. Materials Science and Technology, 1997, 13, 847-851.	0.8	34

#	Article	IF	Citations
145	Study of the Mechanical Behaviour of Fe-3.5%Mo Based Sintered Steels Made Through Fractography. European Physical Journal Special Topics, 1997, 07, C3-1039-C3-1044.	0.2	3
146	Influencia de la adiciÃ³n de cobre y de bronce sobre las propiedades de los aceros inoxidables austenÃ‡ticos sinterizados. Revista De Metalurgia, 1997, 33, 120-125.	0.1	2
147	Corrosion resistance of alloyed powder metallurgy austenitic stainless steels in acid solutions. Corrosion Engineering Science and Technology, 1996, 31, 295-299.	0.3	18
148	Improving the Corrosion Resistance of Powder Metallurgy Austenitic Stainless Steels Through Infiltration. Corrosion, 1996, 52, 47-52.	0.5	15
149	Dry sliding wear mechanism for P/M austenitic stainless steels and their composites containing Al2O3 and Y2O3 particles. Tribology International, 1996, 29, 499-506.	3.0	47
150	Sinterability of Y2O3-Al2O3 particulate stainless steel matrix composites. Applied Composite Materials, 1996, 3, 15-27.	1.3	17
151	Ceramic and Ceramic Matrix Composites Based on Clinker Portland: Sinterability. Key Engineering Materials, 1996, 127-131, 407-414.	0.4	7
152	Moldeo por inyecciÃ³n del acero rÃ¡pido M2. Revista De Metalurgia, 1996, 32, 369-374.	0.1	0
153	Reliability and homogeneity study of sintered steels through the Weibull statistic. Journal of Materials Science Letters, 1996, 15, 2105-2107.	0.5	8
154	Corrosion behaviour of P/M duplex stainless steels made from prealloyed and mixed powders. Journal of Materials Processing Technology, 1995, 53, 433-440.	3.1	13
155	Tratamientos tÃ©rmicos de los aceros sinterizados obtenidos a partir de polvos prealeados Fe-1,5% Mo. Revista De Metalurgia, 1995, 31, 71-77.	0.1	1
156	P/M Steels Manufactured from Cast Iron Swarf Powder.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1994, 41, 1282-1287.	0.1	1
157	Sintered High Carbon Steels: Effect of Thermomechanical Treatments on their Mechanical and Wear Performance. Materials Science Forum, 0, 591-593, 271-276.	0.3	1
158	Influence of the Processing Parameters on the Nature of Oxides Formed on Sintered Stainless Steels during High-Temperature Exposures. Defect and Diffusion Forum, 0, 289-292, 485-492.	0.4	0
159	Effect of the Si Additions on the Mechanical Behaviour and High-Temperature Performance of Hydrogen Sintered 434L Stainless Steels. Defect and Diffusion Forum, 0, 289-292, 195-202.	0.4	0
160	Preparation of Cutting Inserts with Binder of UHCS. Materials Science Forum, 0, 660-661, 399-404.	0.3	0
161	Study through Potentiodynamic Techniques of the Corrosion Resistance of Different Aluminium Base MMCÂ´s with Boron Additions. Materials Science Forum, 0, 660-661, 203-208.	0.3	4
162	Effect of Sintering Temperature on the Formation of Intermetallics in Al-Fe-B Nanocomposite. Materials Science Forum, 0, 802, 130-134.	0.3	0

#	Article	IF	Citations
163	Behaviour of Fluids in Porous Materials. Materials Science Forum, 0, 802, 303-308.	0.3	1