Teresa Vieira

List of Publications by Year in descending order

172 papers	2,782 citations	201674 27 h-index	265206 42 g-index
175 all docs	175 docs citations	175 times ranked	2239 citing authors

#	Article	IF	Citations
1	Physicochemical characterization and in vitro dissolution behavior of nicardipineâ€“cyclodextrins inclusion compounds. European Journal of Pharmaceutical Sciences, 2002, 15, 79-88.	4.0	202
2	In situTEM study of grain growth in nanocrystalline copper thin films. Nanotechnology, 2010, 21, 145701.	2.6	115
3	Effect of ductile layers in mechanical behaviour of TiAlN thin coatings. Journal of Materials Processing Technology, 2003, 143-144, 352-357.	6.3	74
4	Solid-state diffusion bonding of gamma-TiAl alloys using Ti/Al thin films as interlayers. Intermetallics, 2006, 14, 1151-1156.	3.9	67
5	Intermetallic phase formation in nanometric Ni/Al multilayer thin films. Intermetallics, 2008, 16, 1061-1065.	3.9	67
6	Production of intermetallic compounds from Ti/Al and Ni/Al multilayer thin filmsâ€”A comparative study. Journal of Alloys and Compounds, 2009, 484, 335-340.	5.5	67
7	Diffusion bonding of TiAl using reactive Ni/Al nanolayers and Ti and Ni foils. Materials Chemistry and Physics, 2011, 128, 202-207.	4.0	58
8	Nanometric multilayers: A new approach for joining TiAl. Intermetallics, 2006, 14, 1157-1162.	3.9	57
9	Influence of Ti addition on the properties of Wâ€“Tiâ€“C/N sputtered films. Surface and Coatings Technology, 2003, 174-175, 68-75.	4.8	51
10	Anisothermal solid-state reactions of Ni/Al nanometric multilayers. Intermetallics, 2011, 19, 350-356.	3.9	50
11	Control of eta carbide formation in tungsten carbide powders sputter-coated with (Fe/Ni/Cr). International Journal of Refractory Metals and Hard Materials, 2007, 25, 310-317.	3.8	48
12	Diffusion bonding of TiAl using Ni/Al multilayers. Journal of Materials Science, 2010, 45, 4351-4357.	3.7	47
13	Determination of Airborne Nanoparticles from Welding Operations. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 747-755.	2.3	47
14	Carbide phases formed in WCâ€“M (M=Fe/Ni/Cr) systems. Ceramics International, 2009, 35, 369-372.	4.8	42
15	Joining of Superalloys to Intermetallics Using Nanolayers. Advanced Materials Research, 0, 59, 225-229.	0.3	39
16	Structure and chemical composition of W-C-(Co) sputtered films. Thin Solid Films, 1991, 197, 237-255.	1.8	38
17	The formation of Î³-TiAl from Ti/Al multilayers with different periods. Surface and Coatings Technology, 2006, 200, 6196-6200.	4.8	38
18	Preparation and physicochemical characterization of omeprazole:methyl-beta-cyclodextrin inclusion complex in solid state. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 173-177.	1.6	38

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19	Reaction zone formed during diffusion bonding of TiNi to Ti6Al4V using Ni/Ti nanolayers. Journal of Materials Science, 2013, 48, 7718-7727.	3.7	37
20	Kinetics of the thin films transformation Ti/Al multilayerâ†'Î³-TiAl. Surface and Coatings Technology, 2005, 200, 326-329.	4.8	36
21	Stainless steel coatings sputter-deposited on tungsten carbide powder particles. Surface and Coatings Technology, 2003, 176, 103-108.	4.8	35
22	Mechanical characterization of composites prepared from WC powders coated with Ni rich binders. International Journal of Refractory Metals and Hard Materials, 2008, 26, 491-498.	3.8	34
23	Amorphous phase forming ability in(Wâ€“C)-based sputtered films. Acta Materialia, 1998, 46, 1731-1739.	7.9	31
24	Joining of TiAl to Steel by Diffusion Bonding with Ni/Ti Reactive Multilayers. Metals, 2016, 6, 96.	2.3	31
25	Surface enhancement of cold work tool steels by friction stir processing with a pinless tool. Applied Surface Science, 2014, 296, 214-220.	6.1	30
26	The structure of thin films deposited from a sintered tungsten carbide with a high cobalt content (15) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	29
27	Comparison of deposited surface area of airborne ultrafine particles generated from two welding processes. Inhalation Toxicology, 2012, 24, 774-781.	1.6	29
28	Diffusion bonding of gamma-TiAl using modified Ti/Al nanolayers. Journal of Alloys and Compounds, 2012, 536, S424-S427.	5.5	29
29	Sintering of tungsten carbide particles sputter-deposited with stainless steel. International Journal of Refractory Metals and Hard Materials, 2003, 21, 147-154.	3.8	28
30	Mullitization kinetics from silica- and alumina-rich wastes. Ceramics International, 2007, 33, 59-66.	4.8	28
31	In-situ thermal evolution of Ni/Ti multilayer thin films. Intermetallics, 2014, 51, 11-17.	3.9	27
32	The influence of ductile interlayers on the mechanical performance of tungsten nitride coatings. Journal of Materials Processing Technology, 1999, 92-93, 156-161.	6.3	26
33	Microstructure of Reaction Zone Formed During Diffusion Bonding of TiAl with Ni/Al Multilayer. Journal of Materials Engineering and Performance, 2012, 21, 678-682.	2.5	26
34	Optimization of the sintering process of raw material wastes. Journal of Materials Processing Technology, 1999, 92-93, 97-101.	6.3	25
35	Modification of the structural order of transition metalâ€“carbon systems by the addition of a Group VIII element. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 352, 195-201.	5.6	25
36	Enhancing the electrical and dielectric properties of ZnO nanoparticles through Fe dopingÂfor electric storage applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 1536-1556.	2.2	25

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37	Study of tungsten sputtered films with low nitrogen content. Vacuum, 1994, 45, 1051-1053.	3.5	24
38	Behavior of explosive compacted/consolidated of nanometric copper powders. Journal of Alloys and Compounds, 2009, 483, 235-238.	5.5	24
39	Thin films with chemically graded functionality based on fluorine polymers and stainless steel. Acta Biomaterialia, 2008, 4, 1073-1080.	8.3	23
40	In vitrobehaviour of nanocrystalline silver-sputtered thin films. Nanotechnology, 2007, 18, 105103.	2.6	22
41	Effect of LBM and large-area EBM finishing on micro-injection moulding surfaces. International Journal of Advanced Manufacturing Technology, 2011, 52, 171-182.	3.0	22
42	In Situ Characterization of NiTi/Ti6Al4V Joints During Reaction-Assisted Diffusion Bonding Using Ni/Ti Multilayers. Journal of Materials Engineering and Performance, 2014, 23, 1625-1629.	2.5	22
43	Composites from WC powders sputter-deposited with iron rich binders. Ceramics International, 2009, 35, 1617-1623.	4.8	21
44	Thermal stability of nanoscale metallic multilayers. Thin Solid Films, 2014, 571, 268-274.	1.8	21
45	Influence of deposition conditions on the morphology of sputtered W-C-(Co) films. Thin Solid Films, 1992, 213, 6-12.	1.8	20
46	Structural stability and crystallization studies of metastable sputtered Wî—¸Niî—¸C films. Thin Solid Films, 1994, 252, 82-88.	1.8	20
47	Ceramic products obtained from rock wastes. Journal of Materials Processing Technology, 2003, 143-144, 843-845.	6.3	20
48	Particle surface properties of stainless steel-coated tungsten carbide powders. Powder Technology, 2006, 164, 124-129.	4.2	20
49	EVALUATION OF HARDNESS OF SPUTTERED Wâ€“Câ€“Co THIN FILMS. Surface Engineering, 1994, 10, 147-151.	2.2	19
50	Fine tuning injection feedstock by nano coating SS powder. Metal Powder Report, 2009, 64, 18-21.	0.1	19
51	A corrosion study of nanocrystalline copper thin films. Corrosion Science, 2010, 52, 3891-3895.	6.6	19
52	Synthesis and characterisation of new sputtered metastable carbides. Vacuum, 2002, 64, 205-210.	3.5	18
53	Optimization of metallic powder filaments for additive manufacturing extrusion (MEX). International Journal of Advanced Manufacturing Technology, 2021, 115, 2449-2464.	3.0	18
54	Reaction-Assisted Diffusion Bonding of Advanced Materials. Defect and Diffusion Forum, 2010, 297-301, 972-977.	0.4	17

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55	Phase transformations in Ni/Ti multilayers investigated by synchrotron radiation-based x-ray diffraction. Journal of Alloys and Compounds, 2015, 646, 1165-1171.	5.5	17
56	Reaction-assisted diffusion bonding of TiAl alloy to steel. Materials Chemistry and Physics, 2016, 171, 73-82.	4.0	17
57	Follow-up structural evolution of Ni/Ti reactive nano and microlayers during diffusion bonding of NiTi to Ti6Al4V in a synchrotron beamline. Journal of Materials Processing Technology, 2020, 275, 116354.	6.3	17
58	Microstructure evolution and texture development in a friction stir-processed AISI D2 tool steel. Applied Surface Science, 2014, 293, 151-159.	6.1	16
59	Influence of Al(Er) interlayer on the mechanical properties of AlN(Er) coatings. Surface and Coatings Technology, 2002, 151-152, 466-470.	4.8	15
60	The influence of erbium doping of Alâ€“N sputtered coatings on their optical properties. Thin Solid Films, 2004, 446, 264-270.	1.8	15
61	The role of nanocrystalline binder metallic coating into WC after additive manufacturing. Applied Surface Science, 2018, 427, 131-138.	6.1	15
62	Production and characterization of Si-N films obtained by r.f. magnetron sputtering. Surface and Coatings Technology, 1993, 60, 463-467.	4.8	14
63	Failure modes observed on worn surfaces of W-C-Co sputtered coatings. Surface and Coatings Technology, 1993, 62, 536-542.	4.8	14
64	The effects of a third element on structure and properties of Wâ€“C/N. Surface and Coatings Technology, 2002, 151-152, 495-504.	4.8	14
65	Mechanical characterisation of Î³-TiAl thin films obtained by two different sputtering routes. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 329-331, 147-152.	5.6	14
66	PIM of non-conventional particles. Ceramics International, 2006, 32, 297-302.	4.8	14
67	An efficient strategy to detect latent fingermarks on metallic surfaces. Forensic Science International, 2012, 217, 196-203.	2.2	14
68	Cold rolled versus sputtered Ni/Ti multilayers for reaction-assisted diffusion bonding. Welding in the World, Le Soudage Dans Le Monde, 2016, 60, 337-344.	2.5	14
69	Oxygen sensitivity of erbium-doped AlN films probed by site selective spectroscopy. Optical Materials, 2003, 24, 321-325.	3.6	13
70	Structure, hardness and thermal stability of Ti(Al,N) coatings. Surface and Coatings Technology, 2006, 201, 4073-4077.	4.8	13
71	Surface modification of stainless steel powders for microfabrication. Journal of Materials Processing Technology, 2008, 201, 651-656.	6.3	13
72	Intermetallic compound formation in Pd/Al multilayer thin films. Intermetallics, 2012, 25, 70-74.	3.9	13

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73	TEM and HRTEM Characterization of TiAl Diffusion Bonds Using Ni/Al Nanolayers. Microscopy and Microanalysis, 2015, 21, 132-139.	0.4	13
74	Ni/Al Multilayers Produced by Accumulative Roll Bonding and Sputtering. Journal of Materials Engineering and Performance, 2016, 25, 4394-4401.	2.5	13
75	Microwaves show off their advantages in efficient sintering. Metal Powder Report, 2008, 63, 12-15.	0.1	12
76	TiAl diffusion bonding using Ni/Ti multilayers. Welding in the World, Le Soudage Dans Le Monde, 2017, 61, 1267-1273.	2.5	12
77	New WC-Cu composites for the divertor in fusion reactors. Journal of Nuclear Materials, 2019, 521, 31-37.	2.7	12
78	Development of Metal Powder Hot Embossing: A New Method for Micromanufacturing. Metals, 2020, 10, 388.	2.3	12
79	Characaterization of Wî—¸Meî—¸C (Meî—»Fe, Co) films and their structural behaviour with temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 174, 165-171.	5.6	11
80	Advantages of depositing multilayer coatings for cutting wood-based products. Surface and Coatings Technology, 2009, 203, 3197-3205.	4.8	11
81	Impact of Binder on AISI 316L Microcomponents Produced by Hot Embossing: SEM/EBSD Analysis. Microscopy and Microanalysis, 2016, 22, 50-51.	0.4	11
82	From Machining Chips to Raw Material for Powder Metallurgyâ€”A Review. Materials, 2021, 14, 5432.	2.9	11
83	The role of interfacial films in the friction and wear properties of W-Co-C sputtered coatings. Thin Solid Films, 1995, 254, 131-138.	1.8	10
84	Tribological behaviour at elevated temperatures of thin physical vapour deposited coatings. Surface and Coatings Technology, 1996, 80, 171-175.	4.8	10
85	Title is missing!. Biotechnology Letters, 1999, 13, 595-599.	0.5	10
86	Versatility of the sputtering technique in the processing of WCâ€“Feâ€“Niâ€“Cr composites. Surface and Coatings Technology, 2012, 206, 4915-4921.	4.8	10
87	Microstructural Characterization of Dissimilar Titanium Alloys Joints Using Ni/Al Nanolayers. Metals, 2018, 8, 715.	2.3	10
88	Structural characterization of co-sputtered Wî—¸Cî—¸Fe films. Thin Solid Films, 1991, 206, 318-322.	1.8	9
89	Influence of deposition conditions on the adhesion of sputter-deposited Wî—¸Cî—¸(Co) films. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 140, 631-638.	5.6	9
90	Adhesion improvement of RF-sputtered alumina coatings as determined by the scratch test. Journal of Adhesion Science and Technology, 1993, 7, 801-811.	2.6	9

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91	The influence of Er doping of Alâ€“N sputtered coatings on their mechanical properties. Surface and Coatings Technology, 2000, 132, 99-104.	4.8	9
92	Coated WC powders by sputtered nanostructured Ni and stainless steel. Vacuum, 2008, 82, 1404-1406.	3.5	9
93	TEM Characterization of As-Deposited and Annealed Ni/Al Multilayer Thin Film. Microscopy and Microanalysis, 2010, 16, 662-669.	0.4	9
94	Explosive consolidation of 316L stainless steel powder â€“ Effect of phase composition. Advanced Powder Technology, 2014, 25, 1469-1473.	4.1	9
95	Structural analysis of sputtered (W-C)1â^'xMx (Mî—¼Fe, Co) films with 0â©½xâ©½0.20. Surface and Coatings Technology, 1993, 60, 411-415.	4.8	8
96	The ultimate vacuum pressure and the characteristics of sputtered coatings. Thin Solid Films, 1996, 290-291, 238-242.	1.8	8
97	The effect of heating rate on the phase transformation of Ni/Ti multilayer thin films. Vacuum, 2017, 139, 23-25.	3.5	8
98	Assessment of airborne nanoparticles present in industry of aluminum surface treatments. Journal of Occupational and Environmental Hygiene, 2017, 14, D29-D36.	1.0	8
99	Diffusion Bonding of TiAl to Ti6Al4V Using Nanolayers. Journal of Materials Engineering and Performance, 2018, 27, 5064-5068.	2.5	8
100	In Search of the Optimal Conditions to Process Shape Memory Alloys (NiTi) Using Fused Filament Fabrication (FFF). Materials, 2020, 13, 4718.	2.9	8
101	Microstructural Characterization of Diffusion Bonds Assisted by Ni/Ti Nanolayers. Journal of Materials Engineering and Performance, 2016, 25, 3245-3251.	2.5	7
102	Tribological behaviour of W-C-Co coatings. Journal of Materials Processing Technology, 1992, 31, 225-234.	6.3	6
103	Characterization of a sputtered amorphous Wî—¸Cî—¸Co coating annealed in air. Thin Solid Films, 1993, 228, 80-86.	1.8	6
104	Influence of titanium on the structural stability of sputter-deposited W-Co-C films. Surface and Coatings Technology, 1995, 74-75, 802-805.	4.8	6
105	The influence of nitrogen on the mechanical behaviour of multilayered coatings. Surface and Coatings Technology, 2000, 131, 417-421.	4.8	6
106	Recovering inorganic wastes. Journal of Materials Processing Technology, 2003, 143-144, 454-457.	6.3	6
107	Energetic materials for nanocrystalline stainless steel production. Journal of Alloys and Compounds, 2012, 536, S575-S581.	5.5	6
108	Hot micro-embossing: effect of pressure on 316L metal parts. Powder Metallurgy, 2014, 57, 241-244.	1.7	6

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109	Optimization of MWCNT â€“ Metal Matrix Composites feedstocks. CiÃªncia & Tecnologia Dos Materiais, 2017, 29, e87-e91.	0.5	6
110	Effect of Reinforcement Type and Dispersion on the Hardening of Sintered Pure Aluminium. Metals, 2018, 8, 786.	2.3	6
111	Diffusion Bonding of Ti6Al4V to Al2O3 Using Ni/Ti Reactive Multilayers. Metals, 2021, 11, 655.	2.3	6
112	Chemical and optical characterization of Niî—¸P spectrally selective surfaces coated by fluorocarbon films. Solar Energy Materials and Solar Cells, 1990, 20, 245-256.	0.4	5
113	Hard Coatings Based on Metal Nitrides, Metal Carbides and Nanocomposite Materials: PVD Process and Properties. , 2006, , 537-572.		5
114	Shock activation of Î±-alumina from calcinated Al-rich sludge. Ceramics International, 2009, 35, 1897-1904.	4.8	5
115	Composite copper/stainless steel coated powders. Journal of Alloys and Compounds, 2009, 483, 460-463.	5.5	5
116	Interface Exploring of Tungsten Carbide-Stainless Steel Composites through HRTEM. Microscopy and Microanalysis, 2012, 18, 109-110.	0.4	5
117	Microstructural Characterization of Metallic Parts Produced by Hot Embossing. Microscopy and Microanalysis, 2015, 21, 49-50.	0.4	5
118	Structural behaviour of sputtered W-C-Co coatings at increasing temperatures. Journal of Materials Science, 1993, 28, 6096-6102.	3.7	4
119	On the evaluation of the ductility of thin films. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 337, 97-103.	5.6	4
120	From Tiâ€“Al- to Tiâ€“Alâ€“N-sputtered 2D materials. Journal of Materials Science, 2007, 42, 9145-9153.	3.7	4
121	TEM and SEM in-situ annealing of nanocrystalline copper thin films. Microscopy and Microanalysis, 2008, 14, 49-52.	0.4	4
122	Intermixing in Ni/Al multilayer thin films. Microscopy and Microanalysis, 2009, 15, 75-76.	0.4	4
123	Mechanical Characterization of a Functionally Graded Nanocomposite Thin Film. Journal of Nanoscience and Nanotechnology, 2009, 9, 3792-3797.	0.9	4
124	Developments in micro- and nano-defects detection using bacterial cells. NDT and E International, 2016, 78, 20-28.	3.7	4
125	Interaction between Ni/Ti Nanomultilayers and Bulk Ti-6Al-4V during Heat Treatment. Metals, 2018, 8, 878.	2.3	4
126	Influence of Metallic Powder Characteristics on Extruded Feedstock Performance for Indirect Additive Manufacturing. Materials, 2021, 14, 7136.	2.9	4

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127	In situ high temperature crystallization study of sputter deposited amorphous Wî—¸Feî—¸C films. Acta Metallurgica Et Materialia, 1995, 43, 93-99.	1.8	3
128	Nanostructured coated powders for structural net shape components. Journal of Alloys and Compounds, 2007, 434-435, 383-385.	5.5	3
129	Microscopic Characterization of the Thermal Evolution of Stainless Steel Coatings Sputter-deposited onto WC Particles. Microscopy and Microanalysis, 2008, 14, 39-40.	0.4	3
130	The Effect of Nitrogen on the Formation of Nanocrystalline Copper Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3921-3926.	0.9	3
131	Ti/Al Nanolayered Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3627-3632.	0.9	3
132	Production of Sintered Î±-Alumina by Explosive Compaction from Low Temperature Calcinated Aluminum-Rich Sludge. Waste and Biomass Valorization, 2013, 4, 627-633.	3.4	3
133	Morphological characterization by scanning electron microscopy of WC powder particles coated with Cu. Microscopy and Microanalysis, 2013, 19, 145-146.	0.4	3
134	Effect of Deposition Parameters on the Reactivity of Al/Ni Multilayer Thin Films. Coatings, 2020, 10, 721.	2.6	3
135	Additive Manufacturing. U Porto Journal of Engineering, 2021, 7, 53-69.	0.4	3
136	Experimental Analysis of NiTi Alloy during Strain-Controlled Low-Cycle Fatigue. Materials, 2021, 14, 4455.	2.9	3
137	High-speed machining tool-steel chips as an outstanding raw material for indirect additive manufacturing?. Results in Materials, 2021, 11, 100207.	1.8	3
138	Development and characterization of AISI 316L micro parts produced by metal powder hot embossing. International Journal of Advanced Manufacturing Technology, 2021, 113, 407-417.	3.0	3
139	R.F. SPUTTERED AMORPHOUS ALUMINA COATINGS ON HIGH SPEED STEEL. Materials and Manufacturing Processes, 1992, 7, 251-269.	4.7	2
140	An approach using thin films as a predictive way to produce new bulk materials. Surface and Coatings Technology, 2000, 131, 162-166.	4.8	2
141	In Vitro Behavior and Surface Morphology of Modified 316L Stainless Steel Stents. Microscopy and Microanalysis, 2008, 14, 35-36.	0.4	2
142	Annealing Ni nanocrystalline on WCâ€“Co. Journal of Alloys and Compounds, 2009, 482, 131-136.	5.5	2
143	Mechanical behaviour of dental implants manufactured from metallic powders by Î¼MIM. CiÃªncia & Tecnologia Dos Materiais, 2014, 26, 89-95.	0.5	2
144	MWCNT reinforced SS 316L matrix composites. Advances in Materials and Processing Technologies, 2017, 3, 640-650.	1.4	2

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145	MicroÂPowder Hot Embossing of Aluminum Feedstock. Journal of Materials Engineering and Performance, 2020, 29, 3395-3403.	2.5	2
146	The Study of New NiTi Actuators to Reinforce the Wing Movement of Aircraft Systems. Materials, 2022, 15, 4787.	2.9	2
147	Morphology and thickness distribution of sputtered W-C-Co films deposited on differently shaped substrates. Surface and Coatings Technology, 1991, 49, 311-315.	4.8	1
148	Thermal Stability of Nanocrystalline Copper Thin Films. Microscopy and Microanalysis, 2007, 13, .	0.4	1
149	Structural phase evolution with temperature of non-conventional particles in PIM. Journal of Materials Processing Technology, 2008, 199, 425-430.	6.3	1
150	Reinforcement Coating on Stainless Steel and Copper Powders. Microscopy and Microanalysis, 2008, 14, 43-46.	0.4	1
151	In Situ Phase Evolution of Ni/Ti Reactive Multilayers. Journal of Materials Engineering and Performance, 2014, 23, 2446-2449.	2.5	1
152	Microstructural characterization of WC-AISI304 composites obtained by selective laser sintering. Microscopy and Microanalysis, 2015, 21, 104-105.	0.4	1
153	EBSD Characterization of WC-AISI304 Cemented Carbides. Microscopy and Microanalysis, 2015, 21, 25-26.	0.4	1
154	Positron Annihilation Study on Nanocrystalline Copper Thin Films Doped with Nitrogen. Advanced Structured Materials, 2017, , 15-24.	0.5	1
155	In the search of nanocrystallinity in tool-steel chips. CiÃªncia & Tecnologia Dos Materiais, 2017, 29, e62-e64.	0.5	1
156	Characterization of Sintered Aluminium Reinforced with Ultrafine Tungsten Carbide Particles. Metals, 2020, 10, 1416.	2.3	1
157	Micro metal powder hot embossing: influence of binder on austenitic stainless steel microparts replicability. Powder Metallurgy, 2022, 65, 112-120.	1.7	1
158	Influence of the target/shield distance on the coatings deposition by rf magnetron sputtering. Vacuum, 1994, 45, 1099-1100.	3.5	0
159	In-Situ TEM Annealing of Nanocrystalline Copper Thin Films. Microscopy and Microanalysis, 2007, 13, .	0.4	0
160	Joining of TiAl alloys using Ni/Al multilayers. Microscopy and Microanalysis, 2009, 15, 73-74.	0.4	0
161	Microstructural Evaluation of Consolidated Modified SS 316L Powder. Microscopy and Microanalysis, 2015, 21, 21-22.	0.4	0
162	Characterization of nanolayers at TiAl diffusion bonds. Microscopy and Microanalysis, 2015, 21, 96-97.	0.4	0

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163	Microstructural inspection of the M6C phase in heat-treated WC-AISI 304 stainless steel powders. Microscopy and Microanalysis, 2015, 21, 110-111.	0.4	0
164	NiTi Wires Coated by Nanomultilayers â€“ A Solution for Self-healing?. Microscopy and Microanalysis, 2015, 21, 11-12.	0.4	0
165	Characterization of TiAl diffusion bonds using Ni/Ti nanolayers. Microscopy and Microanalysis, 2016, 22, 54-55.	0.4	0
166	Nondestructive testing in microfabrication using bacteria. CiÃªncia & Tecnologia Dos Materiais, 2017, 29, e262-e264.	0.5	0
167	Development of Actuators for Repairing Cracks by Coating W Wires with Reactive Multilayers. Materials, 2022, 15, 869.	2.9	0
168	Joining of Ti6Al4V to Al2O3 Using Nanomultilayers. Nanomaterials, 2022, 12, 706.	4.1	0
169	Micromechanical Modeling of the Material Impact in the Feedstock Filament Properties for Indirect Additive Manufacturing (MEX). , 2022, 8, .		0
170	Dual Function WS2 Thin-Films as a Substrate for Ultrafast Response Thermocouple to Temperature Evaluation in Âµinjection Molding. , 2022, 8, .		0
171	WC-Co Filament for Material Extrusion (MEX). , 2022, 8, .		0
172	The Role of Composite Anisotropy in Aircraft-System Wing Movement Produced by Actuators. , 0, , .		0