# Josep Maria Guilemany

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 267<br>papers | 6,704<br>citations | 61687<br>45<br>h-index | 111975<br>67<br>g-index |
| 270<br>all docs | 270<br>docs citations | 270<br>times ranked | 4494<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Timing, Complications, and Safety of Tracheotomy in Critically Ill Patients With COVID-19. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 41. | 1.2 | 52 |
| 2 | Anti-biofilm activity and in vitro biocompatibility of copper surface prepared by cold gas spray. Surface and Coatings Technology, 2021, 411, 126981. | 2.2 | 5 |
| 3 | In-vitro comparison of hydroxyapatite coatings obtained by cold spray and conventional thermal spray technologies. Materials Science and Engineering C, 2020, 107, 110306. | 3.8 | 37 |
| 4 | Effect of the Outer Layer of Al Coatings Deposited by Cold Gas Spray on the Microstructure, Mechanical Properties and Corrosion Resistance of the AA 7075-T6 Aluminum Alloy. Journal of Thermal Spray Technology, 2020, 29, 1040-1053. | 1.6 | 9 |
| 5 | The Effect of Hot Treatment on Composition and Microstructure of HVOF Iron Aluminide Coatings in Na2SO4 Molten Salts. Journal of Thermal Spray Technology, 2019, 28, 1492-1510. | 1.6 | 11 |
| 6 | X-ray microtomographic characterization of highly rough titanium cold gas sprayed coating for identification of effective surfaces for osseointegration. Microscopy (Oxford, England), 2019, 68, 413-416. | 0.7 | 3 |
| 7 | Influence of cold gas spray parameters on the corrosion resistance of Al-Al<sub>2</sub>O<sub>3</sub> coatings sprayed on carbon steel. Corrosion Engineering Science and Technology, 2019, 54, 567-574. | 0.7 | 3 |
| 8 | Building up WC-Co coatings by cold spray: A finite element simulation. Surface and Coatings Technology, 2019, 374, 674-689. | 2.2 | 18 |
| 9 | Corrosion resistance and antibacterial properties of copper coating deposited by cold gas spray. Surface and Coatings Technology, 2019, 361, 292-301. | 2.2 | 43 |
| 10 | Functionalized coatings by cold spray: An in vitro study of micro- and nanocrystalline hydroxyapatite compared to porous titanium. Materials Science and Engineering C, 2018, 87, 41-49. | 3.8 | 15 |
| 11 | Osteoblastic cell response on high-rough titanium coatings by cold spray. Journal of Materials Science: Materials in Medicine, 2018, 29, 19. | 1.7 | 25 |
| 12 | Corrosion behavior of WC-Co coatings deposited by cold gas spray onto AA 7075-T6. Corrosion Science, 2018, 136, 231-243. | 3.0 | 58 |
| 13 | Hierarchical structures of anodised cold gas sprayed titanium coatings. Transactions of the Institute of Metal Finishing, 2018, 96, 71-78. | 0.6 | 6 |
| 14 | In-vitro study of hierarchical structures: Anodic oxidation and alkaline treatments onto highly rough titanium cold gas spray coatings for biomedical applications. Materials Science and Engineering C, 2018, 91, 589-596. | 3.8 | 19 |
| 15 | Deposition behavior of cold-sprayed metallic glass particles onto different substrates. Surface and Coatings Technology, 2018, 349, 13-23. | 2.2 | 18 |
| 16 | Corrosion Resistance Evaluation of HVOF Produced Hydroxyapatite and TiO2-hydroxyapatite Coatings in Hanks' Solution. Materials Research, 2018, 21, . | 0.6 | 23 |
| 17 | Microstructural and fatigue behavior of cold sprayed Ni-based superalloys coatings. Surface and Coatings Technology, 2017, 324, 390-402. | 2.2 | 51 |
| 18 | Dense nanostructured calcium phosphate coating on titanium by cold spray. Journal of the European Ceramic Society, 2017, 37, 1747-1755. | 2.8 | 34 |

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| 19 | Deposition mechanisms of metallic glass particles by Cold Gas Spraying. Acta Materialia, 2017, 125, 327-339. | 3.8 | 42 |
| 20 | Ordering kinetics evaluation of FeAl powders. Intermetallics, 2017, 91, 78-85. | 1.8 | 7 |
| 21 | Plastic deformation phenomena during cold spray impact of WC-Co particles onto metal substrates. Acta Materialia, 2017, 124, 173-181. | 3.8 | 60 |
| 22 | Corrosion characteristics of cold gas spray coatings of reinforced aluminum deposited onto carbon steel. Corrosion Science, 2017, 114, 57-71. | 3.0 | 86 |
| 23 | The application of photoluminescence piezospectroscopy for residual stresses measurement in thermally sprayed TBCs. Surface and Coatings Technology, 2017, 318, 147-156. | 2.2 | 28 |
| 24 | Cold gas spray coatings: basic principles corrosion protection and applications. Ecletica Quimica, 2017, 42, 09. | 0.2 | 27 |
| 25 | Real-Time Protein and Cell Binding Measurements on Hydroxyapatite Coatings. Journal of Functional Biomaterials, 2016, 7, 23. | 1.8 | 4 |
| 26 | Influence of atmospheric plasma spraying on the solar photoelectro-catalytic properties of TiO2 coatings. Applied Catalysis B: Environmental, 2016, 189, 151-159. | 10.8 | 70 |
| 27 | Attrition and Cryogenic milling powder production for Low Pressure Cold Gas Spray and composite coatings characterization. Advanced Powder Technology, 2016, 27, 1257-1264. | 2.0 | 12 |
| 28 | A New Alternative for Obtaining Nanocrystalline Bioactive Coatings: Study of Hydroxyapatite Deposition Mechanisms by Cold Gas Spraying. Journal of the American Ceramic Society, 2016, 99, 1420-1428. | 1.9 | 33 |
| 29 | Enhancing the performance of common electrode materials by means of atmospheric plasma spray coatings. Journal of Energy Storage, 2016, 5, 127-133. | 3.9 | 11 |
| 30 | Acid blue 29 decolorization and mineralization by anodic oxidation with a cold gas spray synthesized Snâ€“Cuâ€“Sb alloy anode. Chemosphere, 2016, 148, 47-54. | 4.2 | 36 |
| 31 | Photocatalytic abatement of NOx by C-TiO2/polymer composite coatings obtained by low pressure cold gas spraying. Applied Surface Science, 2016, 362, 274-280. | 3.1 | 28 |
| 32 | Coating formation, fracture mode and cavitation performance of Fe40Al deposited by cold gas spraying. Surface Engineering, 2015, 31, 853-859. | 1.1 | 7 |
| 33 | Cold spray as an emerging technology for biocompatible and antibacterial coatings: state of art. Journal of Materials Science, 2015, 50, 4441-4462. | 1.7 | 87 |
| 34 | On the formation of metallic glass coatings by means of Cold Gas Spray technology. Journal of Alloys and Compounds, 2015, 651, 764-772. | 2.8 | 49 |
| 35 | Comparison of the mechanical and electrochemical properties of WC-17 and 12Co coatings onto Al7075-T6 obtained by high velocity oxy-fuel and cold gas spraying. Surface and Coatings Technology, 2015, 268, 180-189. | 2.2 | 40 |
| 36 | The influence of feedstock powders on the CGS deposition efficiency of bond coats for TBCs. Journal of Alloys and Compounds, 2015, 622, 394-401. | 2.8 | 22 |

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| 37 | Influence of Cold Gas Spray process conditions on the microstructure of Fe-based amorphous coatings. Journal of Alloys and Compounds, 2015, 622, 995-999. | 2.8 | 59 |
| 38 | Influence of spraying parameters on cold gas spraying of iron aluminide intermetallics. Surface and Coatings Technology, 2015, 268, 99-107. | 2.2 | 24 |
| 39 | Comparison of the Mechanical and Electrochemical Properties of WC-25Co Coatings Obtained by High Velocity Oxy-Fuel and Cold Gas Spraying. Journal of Thermal Spray Technology, 2014, 23, 1251-1258. | 1.6 | 22 |
| 40 | In vitro performance of ceramic coatings obtained by high velocity oxy-fuel spray. Bio-Medical Materials and Engineering, 2014, 24, 1781-1791. | 0.4 | 1 |
| 41 | Enhancing the bioactivity of polymeric implants by means of cold gas spray coatings. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1537-1543. | 1.6 | 20 |
| 42 | Comparison of in vitro behavior of as-sprayed, alkaline-treated and collagen-treated bioceramic coatings obtained by high velocity oxy-fuel spray. Applied Surface Science, 2014, 307, 246-254. | 3.1 | 5 |
| 43 | Prognostic significance and association of Helicobacter pylori infection in pharyngolaryngeal cancer. European Archives of Oto-Rhino-Laryngology, 2014, 271, 2539-2543. | 0.8 | 9 |
| 44 | Milestones in Functional Titanium Dioxide Thermal Spray Coatings: A Review. Journal of Thermal Spray Technology, 2014, 23, 577-595. | 1.6 | 57 |
| 45 | Mechanical performance of bioceramic coatings obtained by high-velocity oxy-fuel spray for biomedical purposes. Surface and Coatings Technology, 2014, 242, 92-99. | 2.2 | 13 |
| 46 | Improved bonding strength of bioactive cermet Cold Gas Spray coatings. Materials Science and Engineering C, 2014, 45, 117-121. | 3.8 | 14 |
| 47 | Protection behaviour of surface films formed on AZ91D magnesium alloy in nitrogen/1,1,1,2-tetrafluoroethane atmospheres. Metals and Materials International, 2014, 20, 613-618. | 1.8 | 5 |
| 48 | Comparing Two Antibacterial Treatments for Bioceramic Coatings at Short Culture Times. Journal of Thermal Spray Technology, 2014, 23, 684-691. | 1.6 | 3 |
| 49 | Photocatalytic Activity of Nanostructured Anatase Coatings Obtained by Cold Gas Spray. Journal of Thermal Spray Technology, 2014, 23, 1135-1141. | 1.6 | 25 |
| 50 | Cold spray deposition of WCâ€“17 and 12Co cermets onto aluminum. Surface and Coatings Technology, 2013, 235, 54-61. | 2.2 | 49 |
| 51 | Study of stellite-6 deposition by cold gas spraying. Surface and Coatings Technology, 2013, 232, 891-898. | 2.2 | 30 |
| 52 | Structural and properties characterization of stellite coatings obtained by cold gas spraying. Surface and Coatings Technology, 2013, 220, 90-97. | 2.2 | 22 |
| 53 | Influence of the particle morphology on the Cold Gas Spray deposition behaviour of titanium on aluminum light alloys. Journal of Alloys and Compounds, 2013, 554, 89-96. | 2.8 | 35 |
| 54 | Residual stress development in cold sprayed Al, Cu and Ti coatings. Acta Materialia, 2013, 61, 6329-6337. | 3.8 | 135 |

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| 55 | Optimization of 316L stainless steel coatings on light alloys using Cold Gas Spray. Surface and Coatings Technology, 2013, 235, 220-225. | 2.2 | 50 |
| 56 | Mechanical and nanoindentation behavior of TiCâ€“NiTi thermal spray coatings. Journal of Alloys and Compounds, 2013, 577, S277-S281. | 2.8 | 10 |
| 57 | Cold gas spray titanium coatings onto a biocompatible polymer. Materials Letters, 2013, 106, 97-99. | 1.3 | 97 |
| 58 | Tribological characterization of biocompatible HAp-TiO2 coatings obtained by high velocity oxy-fuel spray. Wear, 2013, 305, 8-13. | 1.5 | 15 |
| 59 | A review on fabrication, sensing mechanisms and performance of metal oxide gas sensors. Journal of Materials Science: Materials in Electronics, 2013, 24, 1410-1421. | 1.1 | 121 |
| 60 | Improved, high conductivity titanium sub-oxide coated electrodes obtained byÂAtmospheric Plasma Spray. Journal of Power Sources, 2013, 238, 430-434. | 4.0 | 12 |
| 61 | New procedures for building-up the active layer of gas sensors on flexible polymers. Surface and Coatings Technology, 2013, 235, 848-852. | 2.2 | 25 |
| 62 | Influence of nanostructured ZrO2 additions on the wear resistance of Ni-based alloy coatings deposited by APS process. Wear, 2013, 303, 591-601. | 1.5 | 19 |
| 63 | Cold spray deposition of a WC-25Co cermet onto Al7075-T6 and carbon steel substrates. Acta Materialia, 2013, 61, 643-652. | 3.8 | 115 |
| 64 | Recubrimientos micro/nanoestructurados de aleaciones ligeras mediante proyecciÃ³n frÃa para la protecciÃ³n y reparaciÃ³n de componentes de elevado valor aÃ±adido: Estado del arte. Revista De Metalurgia, 2013, 49, 223-236. | 0.1 | 2 |
| 65 | Thermal spraying of transition metal aluminides: An overview. Intermetallics, 2012, 24, 60-72. | 1.8 | 85 |
| 66 | Functional colored ceramic coatings obtained by thermal spray for decorative applications. Journal of the European Ceramic Society, 2012, 32, 3685-3692. | 2.8 | 9 |
| 67 | Study of the high temperature oxidation performance of Thermal Barrier Coatings with HVOF sprayed bond coat and incorporating a PVD ceramic interlayer. Ceramics International, 2012, 38, 6423-6429. | 2.3 | 32 |
| 68 | La proyecciÃ³n frÃa (CGs): Una alternativa a las tecnologÃas convencionales de deposiciÃ³n. Revista De Metalurgia, 2012, 48, 175-191. | 0.1 | 9 |
| 69 | Tribological Behavior of Bronze Composite Coatings Obtained by Plasma Thermal Spraying. Tribology Letters, 2011, 42, 263-273. | 1.2 | 23 |
| 70 | CaracterizaciÃ³n de nuevos recubrimientos biocompatibles de hidroxiapatita-TiO<sub>2</sub> obtenidos mediante ProyecciÃ³n TÃ©rmica de Alta Velocidad. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2011, 50, 59-64. | 0.9 | 16 |
| 71 | Proceso de molturaciÃ³n mecÃ¡nica en medio seco, hÃºmedo y criogÃ©nico de polvo de hierro dÃºctil nanoestructurado. Revista De Metalurgia, 2011, 47, 197-204. | 0.1 | 2 |
| 72 | Recubrimientos de materiales compuestos metal-cerÃ¡mico obtenidos por nuevas tecnologÃas de proyecciÃ³n tÃ©rmica: ProyecciÃ³n frÃa (CGS) y su resistencia al desgaste. Revista De Metalurgia, 2011, 47, 390-401. | 0.1 | 3 |

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| 73 | Nanoscale characterization of FeAl-HVOF coatings. Surface and Coatings Technology, 2010, 205, 967-973. | 2.2 | 11 |
| 74 | Study of Ti deposition onto Al alloy by cold gas spraying. Surface and Coatings Technology, 2010, 205, 1096-1102. | 2.2 | 54 |
| 75 | Effect of the spraying process on the microstructure and tribological properties of bronzeâ€“alumina composite coatings. Surface and Coatings Technology, 2010, 205, 2184-2190. | 2.2 | 41 |
| 76 | Microstructure Evolution During Spark Plasma Sintering of Metastable (ZrO<sub>2</sub>â€“3 mol%) Tj ETQq0 0 0 rgBT /Overlock 10 T<br>the American Ceramic Society, 2010, 93, 2864-2870. | 1.9 | 20 |
| 77 | Study of Adhesion Relationship of Hydroxyapatite-Titania Coating Obtained by HVOF. Materials Science Forum, 2010, 636-637, 82-88. | 0.3 | 6 |
| 78 | Structure characterization and wear performance of NiTi thermal sprayed coatings. Smart Materials and Structures, 2010, 19, 085011. | 1.8 | 17 |
| 79 | Optimisation of HVOF thermal spray coatings for their implementation as MSWI superheater protectors. Corrosion Engineering Science and Technology, 2010, 45, 84-93. | 0.7 | 22 |
| 80 | Accuracy of acoustic rhinometry versus computed tomography in the evaluation of nasal cavity in patients with nasal polyposis. Rhinology, 2010, 48, 224-7. | 0.7 | 4 |
| 81 | Is There an Overlap between Sudden Neurosensorial Hearing Loss and Cardiovascular Risk Factors?. Audiology and Neuro-Otology, 2009, 14, 139-145. | 0.6 | 68 |
| 82 | Corrosion and Wear Studies of Cr3C2NiCr-HVOF Coatings Sprayed on AA7050 T7 Under Cooling. Journal of Thermal Spray Technology, 2009, 18, 353-363. | 1.6 | 45 |
| 83 | FeAl and NbAl3 Intermetallic-HVOF Coatings: Structure and Properties. Journal of Thermal Spray Technology, 2009, 18, 536-545. | 1.6 | 18 |
| 84 | United airways again: high prevalence of rhinosinusitis and nasal polyps in bronchiectasis. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 790-797. | 2.7 | 76 |
| 85 | United airways: the impact of chronic rhinosinusitis and nasal polyps in bronchiectasic patientâ€™s quality of life. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1524-1529. | 2.7 | 53 |
| 86 | Microstructure and mechanical properties of near-eutectic ZrO2â€“60wt.% Al2O3 produced by quenched plasma spraying. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 506, 180-186. | 2.6 | 46 |
| 87 | Influence of liquid nitrogen quenching on the evolution of metastable phases during plasma spraying of (ZrO2â€“5wt.% Y2O3)â€“20wt.% Al2O3 coatings. Surface and Coatings Technology, 2009, 204, 149-156. | 2.2 | 15 |
| 88 | Corrosion behaviour of thermal sprayed nitinol coatings. Corrosion Science, 2009, 51, 171-180. | 3.0 | 60 |
| 89 | NiTi thermal sprayed coatings characterization. , 2009, , . | | 2 |
| 90 | Wear of NiTi coatings obtained by thermal spraying. , 2009, , . | | 3 |

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| 91 | Study of the mechanical properties of low carbon content HSLA steels. Revista De Metalurgia, 2009, 45, 424-431. | 0.1 | 9 |
| 92 | Study of the HVOF Ni-Based Coatingsâ€™ Corrosion Resistance Applied on Municipal Solid-Waste Incinerators. Journal of Thermal Spray Technology, 2008, 17, 254-262. | 1.6 | 34 |
| 93 | Production and Characterization of Metastable ZrO2-Al2O3Coatings Obtained by APSÂ+ÂQuench. Journal of Thermal Spray Technology, 2008, 17, 360-364. | 1.6 | 9 |
| 94 | Erosion, Abrasive, and Friction Wear Behavior of Iron Aluminide Coatings Sprayed by HVOF. Journal of Thermal Spray Technology, 2008, 17, 762-773. | 1.6 | 31 |
| 95 | Cr3C2â€“NiCr and WCâ€“Ni thermal spray coatings as alternatives to hard chromium for erosionâ€“corrosion resistance. Surface and Coatings Technology, 2008, 202, 1405-1417. | 2.2 | 175 |
| 96 | Influence of HVOF parameters on the corrosion and wear resistance of WC-Co coatings sprayed on AA7050 T7. Surface and Coatings Technology, 2008, 202, 4746-4757. | 2.2 | 102 |
| 97 | Kinetic analysis of the austenitic grain growth in HSLA steel with a low carbon content. Materials Letters, 2008, 62, 3478-3480. | 1.3 | 37 |
| 98 | Erosion corrosion properties of HVOF coatings for municipal solid waste incinerator protection. Corrosion Engineering Science and Technology, 2008, 43, 38-45. | 0.7 | 6 |
| 99 | Nanostructured Cermet Coatings with Enhanced Properties Produced by HVOF Thermal Spray. Materials Science Forum, 2008, 587-588, 1024-1028. | 0.3 | 4 |
| 100 | High-temperature oxidation of Fe40Al coatings obtained by HVOF thermal spray. Intermetallics, 2007, 15, 1384-1394. | 1.8 | 53 |
| 101 | WC-CoCr coatings sprayed by high velocity oxygen-fuel (HVOF) flame on AA7050 aluminum alloy: electrochemical behavior in 3.5% NaCl solution. Materials Research, 2007, 10, 377-385. | 0.6 | 20 |
| 102 | Adhesion improvements of Thermal Barrier Coatings with HVOF thermally sprayed bond coats. Surface and Coatings Technology, 2007, 201, 4694-4701. | 2.2 | 158 |
| 103 | Effect of microalloying elements on the austenitic grain growth in a low carbon HSLA steel. Materials Letters, 2007, 61, 2389-2392. | 1.3 | 78 |
| 104 | Prognostic significance of surgical margins in transoral CO2 laser microsurgery for T1â€“T4 pharyngo-laryngeal cancers. European Archives of Oto-Rhino-Laryngology, 2007, 264, 1045-1051. | 0.8 | 52 |
| 105 | Effect of Heat Treatments on HVOF Hydroxyapatite Coatings. Journal of Thermal Spray Technology, 2007, 16, 220-228. | 1.6 | 59 |
| 106 | TEM Study of Bainitic Low-Carbon HSLA Steel: The Orientation Relationships of Cementite. Praktische Metallographie/Practical Metallography, 2007, 44, 334-346. | 0.1 | 2 |
| 107 | Comparative study of Cr3C2â€“NiCr coatings obtained by HVOF and hard chromium coatings. Corrosion Science, 2006, 48, 2998-3013. | 3.0 | 131 |
| 108 | The impact of bronchiectasis associated to sinonasal disease on quality of life. Respiratory Medicine, 2006, 100, 1997-2003. | 1.3 | 39 |

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| 109 | Thermal stability of the martensitic transformation of Cuâ€“Alâ€“Niâ€“Mnâ€“Ti. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 723-725. | 2.6 | 23 |
| 110 | TEM study on the microstructure of Cuâ€“Alâ€“Ag shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 726-729. | 2.6 | 13 |
| 111 | Role of external applied stress on the two-way shape memory effect. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 431-435. | 2.6 | 26 |
| 112 | Influence of spraying parameters on the electrochemical behaviour of HVOF thermally sprayed stainless steel coatings in 3.4% NaCl. Surface and Coatings Technology, 2006, 200, 3064-3072. | 2.2 | 41 |
| 113 | Evaluation of residual stresses of thermal barrier coatings with HVOF thermally sprayed bond coats using the Modified Layer Removal Method (MLRM). Surface and Coatings Technology, 2006, 200, 5963-5972. | 2.2 | 60 |
| 114 | The enhancement of the properties of WC-Co HVOF coatings through the use of nanostructured and microstructured feedstock powders. Surface and Coatings Technology, 2006, 201, 1180-1190. | 2.2 | 151 |
| 115 | Studies of Feâ€“40Al coatings obtained by high velocity oxy-fuel. Surface and Coatings Technology, 2006, 201, 2072-2079. | 2.2 | 46 |
| 116 | Load and sliding velocity effect in dry sliding wear behavior of CuZnAl shape memory alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2006, 37, 1175-1181. | 1.1 | 8 |
| 117 | Electrochemical and Structural Characterization of Heat-Treated Cr[sub 3]C[sub 2]â€“NiCr Coatings. Journal of the Electrochemical Society, 2006, 153, B434. | 1.3 | 24 |
| 118 | Thermal spraying methods for protection against wear. , 2006, , 249-301. | | 2 |
| 119 | High-Velocity Oxyfuel Cr<SUB>3</SUB>C<SUB>2</SUB>-NiCr Replacing Hard Chromium Coatings. Journal of Thermal Spray Technology, 2005, 14, 335-341. | 1.6 | 97 |
| 120 | An aesthetic deformity: Madelung's disease. Acta Oto-Laryngologica, 2005, 125, 328-330. | 0.3 | 25 |
| 121 | Hyoid and laryngeal chondrosarcomas have different clinicopathologic features. Acta Oto-Laryngologica, 2005, 125, 683-686. | 0.3 | 6 |
| 122 | Electrochemical behavior of thermally sprayed stainless steel coatings in 3.4% NaCl solution. Corrosion Science, 2005, 47, 605-620. | 3.0 | 62 |
| 123 | Tribological Study of Plasma Hydroxyapatite Coatings. Key Engineering Materials, 2004, 254-256, 383-386. | 0.4 | 8 |
| 124 | The influence of gun transverse speed on electrochemical behaviour of thermally sprayed Cr3C2â€“NiCr coatings in 0.5 M H2SO4 solution. Electrochimica Acta, 2004, 49, 627-634. | 2.6 | 21 |
| 125 | Clinical and epidemiological study of vertigo at an outpatient clinic. Acta Oto-Laryngologica, 2004, 124, 49-52. | 0.3 | 36 |
| 126 | TribologÃa de recubrimientos Cermet/NiCrBSi depositados mediante HVOF. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 483-487. | 0.9 | 6 |

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| 127 | Tribological study of NiCrBSi coating obtained by different processes. Tribology International, 2003, 36, 181-187. | 3.0 | 256 |
| 128 | Acoustic emission study on WCâ€“Co thermal sprayed coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 352, 55-63. | 2.6 | 37 |
| 129 | A one-cycle training technique for copper-based shape memory alloys. Journal of Materials Processing Technology, 2003, 139, 117-119. | 3.1 | 11 |
| 130 | Electrochemical Characterisation Study of Coatings Obtained by High Velocity Oxy-Fuel Spraying (HVOF). Portugaliae Electrochimica Acta, 2003, 21, 141-154. | 0.4 | 1 |
| 131 | Effects of thickness coating on the electrochemical behaviour of thermal spray Cr3C2â€“NiCr coatings. Surface and Coatings Technology, 2002, 153, 107-113. | 2.2 | 84 |
| 132 | Role of heat treatments in the improvement of the sliding wear properties of Cr3C2â€“NiCr coatings. Surface and Coatings Technology, 2002, 157, 207-213. | 2.2 | 87 |
| 133 | Electrochemical behaviour of thermally sprayed Cr3C2â€“NiCr coatings in 0.5 M H2SO4 media. Journal of Applied Electrochemistry, 2002, 32, 1287-1295. | 1.5 | 22 |
| 134 | In-flight oxidation of composite powder particles during thermal spraying. International Journal of Heat and Mass Transfer, 2001, 44, 4667-4677. | 2.5 | 18 |
| 135 | Evaluation of Wear Damage in Zirconia Plasma-Sprayed Coatings Using Scanning White Light Interferometry. Journal of Thermal Spray Technology, 2001, 10, 142-146. | 1.6 | 7 |
| 136 | Role of three-body abrasion wear in the sliding wear behaviour of WCâ€“Co coatings obtained by thermal spraying. Surface and Coatings Technology, 2001, 140, 141-146. | 2.2 | 76 |
| 137 | Use of scanning white light interferometry in the characterization of wear mechanisms in thermal-sprayed coatings. Materials Characterization, 2001, 47, 307-314. | 1.9 | 25 |
| 138 | EvaluaciÃ³n de la resistencia al choque tÃ©rmico de recubrimientos de estructura gradual obtenidos mediante proyecciÃ³n plasma. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2001, 40, 472-475. | 0.9 | 1 |
| 139 | Effect of small Î³-precipitates on the two-way shape memory effect in Cuâ€“Znâ€“Al alloys. Materials & Design, 2000, 21, 557-559. | 5.1 | 10 |
| 140 | Effect of Small Î³ Precipitates on the Two-way Shape Memory Effect in a Cuâ€“Znâ€“Al Alloy. Materials Characterization, 2000, 44, 365-370. | 1.9 | 2 |
| 141 | Development of Coating Structure and Adhesion During High Velocity Oxygen-Fuel Spraying of WC-Co Powder on a Copper Substrate. Journal of Thermal Spray Technology, 2000, 9, 100-106. | 1.6 | 9 |
| 142 | Effect of wave processes on splat formation during thermal spraying. Materials Letters, 2000, 42, 321-325. | 1.3 | 3 |
| 143 | Formation of splats during thermal spraying of composite powder particles. Materials Letters, 2000, 42, 46-51. | 1.3 | 15 |
| 144 | Study of Î³ precipitates induced by the stabilized stress-induced martensite (SSIM) training method in Cuâ€“Znâ€“Al alloys. Intermetallics, 2000, 8, 703-707. | 1.8 | 6 |

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| 145 | In-flight behaviour of steel particles during plasma spraying. Journal of Materials Processing Technology, 1999, 87, 37-45. | 3.1 | 11 |
| 146 | Heat transfer during the formation of an HVOF sprayed WCâ€“Co coating on a copper substrate. Journal of Materials Processing Technology, 1999, 96, 1-8. | 3.1 | 15 |
| 147 | Effect of Oxidation on Droplet Flattening and Splat-Substrate Interaction in Thermal Spraying. Journal of Thermal Spray Technology, 1999, 8, 523-530. | 1.6 | 45 |
| 148 | Flattening of Droplets and Formation of Splats in Thermal Spraying: A Review of Recent Workâ€”Part 2. Journal of Thermal Spray Technology, 1999, 8, 301-314. | 1.6 | 26 |
| 149 | Flattening of Droplets and Formation of Splats in Thermal Spraying: A Review of Recent Workâ€”Part 1. Journal of Thermal Spray Technology, 1999, 8, 87-101. | 1.6 | 44 |
| 150 | Characterization of the W2C phase formed during the high velocity oxygen fuel spraying of a WC + 12 pct Co powder. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1999, 30, 1913-1921. | 1.1 | 126 |
| 151 | Energetic evaluation for inducing the thermoelastic martensitic transformation by mechanical stress in Cuâ€“Znâ€“Al single crystals. Intermetallics, 1999, 7, 699-704. | 1.8 | 4 |
| 152 | Influence of Oxidation on Coating Formation in Thermal Spraying. Journal of Materials Processings and Manufacturing Science, 1999, 7, 271-286. | 0.1 | 1 |
| 153 | Thermal Processes in HVOF Sprayed WC-Co Coating on a Copper Substrate. Journal of Thermal Spray Technology, 1998, 7, 191-192. | 1.6 | 5 |
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