# Didier Chicot

List of Publications by Year
in descending order

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|---|---|---|---|
| 135 papers | 3,372 citations | 126907 33 h-index | 189892 50 g-index |
| 137 all docs | 137 docs citations | 137 times ranked | 2946 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mechanical properties of magnetite (Fe3O4), hematite (Î±-Fe2O3) and goethite (Î±-FeOÂ·OH) by instrumented indentation and molecular dynamics analysis. Materials Chemistry and Physics, 2011, 129, 862-870. | 4.0 | 164 |
| 2 | Absolute hardness of films and coatings. Thin Solid Films, 1995, 254, 123-130. | 1.8 | 145 |
| 3 | Apparent interface toughness of substrate and coating couples from indentation tests. Thin Solid Films, 1996, 283, 151-157. | 1.8 | 122 |
| 4 | Comparison of instrumented Knoop and Vickers hardness measurements on various soft materials and hard ceramics. Journal of the European Ceramic Society, 2007, 27, 1905-1911. | 5.7 | 112 |
| 5 | Effect of substrate roughness induced by grit blasting upon adhesion of WC-17% Co thermal sprayed coatings. Thin Solid Films, 2000, 377-378, 657-664. | 1.8 | 82 |
| 6 | Local mechanical properties of the 6061-T6 aluminium weld using micro-traction and instrumented indentation. European Journal of Mechanics, A/Solids, 2011, 30, 307-315. | 3.7 | 81 |
| 7 | Study of the mechanical behavior and corrosion resistance of hydroxyapatite solâ€“gel thin coatings on 316 L stainless steel pre-coated with titania film. Thin Solid Films, 2015, 593, 71-80. | 1.8 | 81 |
| 8 | Contribution of interferometry to Vickers indentation toughness determination of glass and ceramic glass. Optical Engineering, 2019, 58, 1. | 1.0 | 78 |
| 9 | Eddy currents and hardness testing for evaluation of steel decarburizing. NDT and E International, 2006, 39, 652-660. | 3.7 | 65 |
| 10 | Vickers Indentation Fracture (VIF) modeling to analyze multi-cracking toughness of titania, alumina and zirconia plasma sprayed coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 527, 65-76. | 5.6 | 61 |
| 11 | Biocompatibility of sol-gel hydroxyapatite-titania composite and bilayer coatings. Materials Science and Engineering C, 2017, 72, 650-658. | 7.3 | 61 |
| 12 | Residual stresses and adhesion of thermal spray coatings. Surface Engineering, 2005, 21, 35-40. | 2.2 | 60 |
| 13 | Measurement of residual stress in thermal spray coatings by the incremental hole drilling method. Surface and Coatings Technology, 2006, 201, 2092-2098. | 4.8 | 59 |
| 14 | Hardness length-scale factor to model nano- and micro-indentation size effects. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 499, 454-461. | 5.6 | 59 |
| 15 | An experimental analysis and modeling of the work-softening transient due to dynamic recrystallization. International Journal of Plasticity, 2014, 54, 113-131. | 8.8 | 58 |
| 16 | Fatigue behavior of a 316L stainless steel coated with a DLC film deposited by PVD magnetron sputter ion plating. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 498-508. | 5.6 | 57 |
| 17 | Comparison of conventional Knoop and Vickers hardness of ceramic materials. Journal of the European Ceramic Society, 2017, 37, 2531-2535. | 5.7 | 57 |
| 18 | Mechanical properties of conventional and nanostructured plasma sprayed alumina coatings. Mechanics of Materials, 2012, 53, 61-71. | 3.2 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Fatigue and corrosion fatigue behavior of an AA6063-T6 aluminum alloy coated with a WCâ€“10Coâ€“4Cr alloy deposited by HVOF thermal spraying. Surface and Coatings Technology, 2008, 202, 4572-4577. | 4.8 | 50 |
| 20 | Role of residual stresses on interface toughness of thermally sprayed coatings. Thin Solid Films, 2002, 415, 143-150. | 1.8 | 49 |
| 21 | Mechanical properties of suspension plasma sprayed hydroxyapatite coatings submitted to simulated body fluid. Surface and Coatings Technology, 2010, 205, 954-960. | 4.8 | 49 |
| 22 | Influence of visco-elasto-plastic properties of magnetite on the elastic modulus: Multicyclic indentation and theoretical studies. Materials Chemistry and Physics, 2010, 119, 75-81. | 4.0 | 47 |
| 23 | New developments for fracture toughness determination by Vickers indentation. Materials Science and Technology, 2004, 20, 877-884. | 1.6 | 42 |
| 24 | A criterion to identify sinking-in and piling-up in indentation of materials. International Journal of Mechanical Sciences, 2015, 90, 145-150. | 6.7 | 42 |
| 25 | A contact area function for Berkovich nanoindentation: Application to hardness determination of a TiHfCN thin film. Thin Solid Films, 2014, 558, 259-266. | 1.8 | 41 |
| 26 | Mechanical tensile properties by spherical macroindentation using an indentation strain-hardening exponent. International Journal of Mechanical Sciences, 2013, 75, 257-264. | 6.7 | 40 |
| 27 | Influence of mechanical properties of tungsten carbideâ€“cobalt thermal spray coatings on their solid particle erosion behaviour. Surface Engineering, 2012, 28, 237-243. | 2.2 | 37 |
| 28 | Influence of porosity on the mechanical properties of microporous Î²-TCP bioceramics by usual and instrumented Vickers microindentation. Journal of the European Ceramic Society, 2011, 31, 1361-1369. | 5.7 | 36 |
| 29 | Characterization of 100Cr6 lattice structures produced by robocasting. Materials and Design, 2017, 121, 345-354. | 7.0 | 36 |
| 30 | Part II: tribological performance of Cr3C2-25% NiCr reactive plasma sprayed coatings deposited at different pressures. Surface and Coatings Technology, 2001, 146-147, 563-570. | 4.8 | 35 |
| 31 | Depth-sensing indentation modeling for determination of Elastic modulus of thin films. Mechanics of Materials, 2010, 42, 166-174. | 3.2 | 35 |
| 32 | Analysis of the work-hardening behavior of Câ€“Mn steels deformed under hot-working conditions. International Journal of Plasticity, 2013, 51, 145-160. | 8.8 | 35 |
| 33 | A model to determine the surface hardness of thin films from standard micro-indentation tests. Thin Solid Films, 2006, 497, 232-238. | 1.8 | 34 |
| 34 | Thin film hardness determination using indentation loading curve modelling. Thin Solid Films, 2010, 518, 5565-5571. | 1.8 | 34 |
| 35 | Characterization of expanded austenite developed on AISI 316L stainless steel by plasma carburization. Surface and Coatings Technology, 2010, 204, 3750-3759. | 4.8 | 34 |
| 36 | Corrosion behavior of Cr3C2â€“NiCr vacuum plasma sprayed coatings. Surface and Coatings Technology, 2008, 202, 4566-4571. | 4.8 | 33 |

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| 37 | Microstructure and adhesion of Cr3C2â€“NiCr vacuum plasma sprayed coatings. Surface and Coatings Technology, 2008, 202, 4406-4410. | 4.8 | 31 |
| 38 | Indentation tests to determine the fracture toughness of nickel phosphorus coatings. Surface and Coatings Technology, 2002, 155, 161-168. | 4.8 | 30 |
| 39 | Interface indentation test for the determination of adhesive properties of thermal sprayed coatings. Journal of Materials Science Letters, 1996, 15, 1377-1380. | 0.5 | 29 |
| 40 | Application of the interfacial indentation test for adhesion toughness determination. Surface and Coatings Technology, 2005, 200, 174-177. | 4.8 | 29 |
| 41 | Effect of substrate roughness on the fatigue behavior of a SAE 1045 steel coated with a WCâ€“10Coâ€“4Cr cermet, deposited by HVOF thermal spray. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 6551-6561. | 5.6 | 29 |
| 42 | Work-of-indentation coupled to contact stiffness for calculating elastic modulus by instrumented indentation. Mechanics of Materials, 2016, 94, 170-179. | 3.2 | 29 |
| 43 | Elastic properties determination from indentation tests. Surface and Coatings Technology, 1996, 81, 269-274. | 4.8 | 28 |
| 44 | Hardness measurements of Ti and TiC multilayers: a model. Thin Solid Films, 2000, 359, 228-235. | 1.8 | 27 |
| 45 | Fatigue behavior of AA7075-T6 aluminum alloy coated with a WCâ€“10Coâ€“4Cr cermet by HVOF thermal spray. Surface and Coatings Technology, 2013, 220, 122-130. | 4.8 | 27 |
| 46 | Modeling of elastic modulus and hardness determination by indentation of porous yttria stabilized zirconia coatings. Surface and Coatings Technology, 2013, 220, 131-139. | 4.8 | 27 |
| 47 | Influence of sinking-in and piling-up on the mechanical properties determination by indentation: A case study on rolled and DMLS stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 576, 126-133. | 5.6 | 26 |
| 48 | Models for hardness and adhesion of coatings. Surface Engineering, 1999, 15, 447-453. | 2.2 | 25 |
| 49 | Wear Behaviour of Silicon Carbide/Electroless Nickel Composite Coatings at High Temperature. Surface Engineering, 2002, 18, 265-269. | 2.2 | 25 |
| 50 | Adhesion tests for thermal spray coatings: Correlation of bond strength and interfacial toughness. Surface Engineering, 2007, 23, 279-283. | 2.2 | 25 |
| 51 | Microstructural and mechanical characterization of Ni-base thermal spray coatings deposited by HVOF. Surface and Coatings Technology, 2008, 202, 4552-4559. | 4.8 | 25 |
| 52 | Influence of tip defect and indenter shape on the mechanical properties determination by indentation of a TiB2â€“60%B4C ceramic composite. International Journal of Refractory Metals and Hard Materials, 2013, 38, 102-110. | 3.8 | 24 |
| 53 | Analysis of indentation size effect in copper and its alloys. Materials Science and Technology, 2013, 29, 868-876. | 1.6 | 24 |
| 54 | Constitutive description for the design of hot-working operations of a 20MnCr5 steel grade. Materials & Design, 2014, 62, 255-264. | 5.1 | 24 |

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| 55 | Fatigue behavior of a SAE 1045 steel coated with Colmonoy 88 alloy deposited by HVOF thermal spray. Surface and Coatings Technology, 2010, 205, 1119-1126. | 4.8 | 23 |
| 56 | Cr2C3â€“NiCr VPS thermal spray coatings as candidate for chromium replacement. Surface and Coatings Technology, 2013, 220, 225-231. | 4.8 | 23 |
| 57 | Effect of thermal treatments on adhesive properties of a NiCr thermal sprayed coating. Thin Solid Films, 2000, 377-378, 681-686. | 1.8 | 22 |
| 58 | Improvement in depth-sensing indentation to calculate the universal hardness on the entire loading curve. Mechanics of Materials, 2008, 40, 171-182. | 3.2 | 22 |
| 59 | A new approach of the Oliver and Pharr model to fit the unloading curve from instrumented indentation testing. Journal of Materials Research, 2017, 32, 2230-2240. | 2.6 | 22 |
| 60 | Diamond-like carbon film deposited on nitrided 316L stainless steel substrate: A hardness depth-profile modeling. Diamond and Related Materials, 2011, 20, 1344-1352. | 3.9 | 21 |
| 61 | Reliability analysis of solder joints due to creep and fatigue in microelectronic packaging using microindentation technique. Microelectronics Reliability, 2013, 53, 761-766. | 1.7 | 21 |
| 62 | A multilayer coating with optimized properties for corrosion protection of Al. Journal of Materials Chemistry A, 2015, 3, 15977-15985. | 10.3 | 21 |
| 63 | Fatigue performance of a SAE 1045 steel coated with a Colmonoy 88 alloy deposited by HVOF thermal spraying. Surface and Coatings Technology, 2006, 201, 2038-2045. | 4.8 | 20 |
| 64 | Fatigue behavior of a structural steel coated with a WCâ€“10Coâ€“4Cr/Colmonoy 88 deposit by HVOF thermal spraying. Surface and Coatings Technology, 2013, 220, 248-256. | 4.8 | 20 |
| 65 | Hardness of thermal sprayed coatings: Relevance of the scale of measurement. Surface and Coatings Technology, 2015, 268, 173-179. | 4.8 | 20 |
| 66 | Indentation creep analysis of T22 and T91 chromium based steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 652, 315-324. | 5.6 | 20 |
| 67 | Mechanical characterization of brittle materials using instrumented indentation with Knoop indenter. Mechanics of Materials, 2017, 108, 58-67. | 3.2 | 19 |
| 68 | A model for hardness determination of thin coatings from standard micro-indentation tests. Surface and Coatings Technology, 2005, 200, 886-889. | 4.8 | 18 |
| 69 | Interpretation of instrumented hardness measurements on stainless steel with different surface preparations. Surface Engineering, 2007, 23, 32-39. | 2.2 | 18 |
| 70 | Strain gradient plasticity to study hardness behavior of magnetite (Fe<sub>3</sub>O<sub>4</sub>) under multicyclic indentation. Journal of Materials Research, 2009, 24, 749-759. | 2.6 | 18 |
| 71 | Adhesion of YSZ suspension plasma-sprayed coating on smooth and thin substrates. Surface and Coatings Technology, 2010, 205, 999-1003. | 4.8 | 17 |
| 72 | An analysis of the elastic properties of a porous aluminium oxide film by means of indentation techniques. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 585, 155-164. | 5.6 | 15 |

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|---|---|---|---|
| 73 | Mechanical properties by instrumented indentation of solution precursor plasma sprayed hydroxyapatite coatings: Analysis of microstructural effect. Surface and Coatings Technology, 2016, 298, 93-102. | 4.8 | 15 |
| 74 | Hydroxyapatite-TiO2-SiO2-Coated 316L Stainless Steel for Biomedical Application. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 3570-3582. | 2.2 | 15 |
| 75 | Nanoindentation Analysis of Friction Stir Welded 6061-T6 Al Alloy in As-Weld and Post Weld Heat Treatment. Physics of Metals and Metallography, 2019, 120, 483-491. | 1.0 | 14 |
| 76 | Effect of some thermal treatments on interface adhesion toughness of various thick thermal spray coatings. Surface Engineering, 2006, 22, 390-398. | 2.2 | 13 |
| 77 | Elastic modulus of TiHfCN thin films by instrumented indentation. Thin Solid Films, 2012, 522, 304-313. | 1.8 | 13 |
| 78 | Titanium carbide films obtained by conversion of sputtered titanium on high carbon steel. Surface and Coatings Technology, 2006, 200, 5447-5454. | 4.8 | 11 |
| 79 | Analysis of data from various indentation techniques for thin films intrinsic hardness modelling. Thin Solid Films, 2008, 516, 1964-1971. | 1.8 | 11 |
| 80 | Mechanical Properties of Yttria- and Ceria-Stabilized Zirconia Coatings Obtained by Suspension Plasma Spraying. Journal of Thermal Spray Technology, 2013, 22, 125-130. | 3.1 | 11 |
| 81 | Constitutive description of Feâ€“Mn23â€“C0.6 steel deformed under hot-working conditions. International Journal of Mechanical Sciences, 2015, 99, 143-153. | 6.7 | 11 |
| 82 | Morphological and Mechanical Properties of Hydroxyapatite Bilayer Coatings Deposited on 316L SS by Solâ€“Gel Method. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 2340-2347. | 2.1 | 11 |
| 83 | Characterization of brazed joints by electrical resistance spot brazing with Ni-based amorphous self-flux alloys. Journal of Manufacturing Processes, 2019, 37, 617-627. | 5.9 | 11 |
| 84 | Tribological study of WC produced by plasma pressure compaction. International Journal of Refractory Metals and Hard Materials, 2006, 24, 183-188. | 3.8 | 10 |
| 85 | Correlation between yield stress and hardness of nickelâ€“siliconâ€“boron-based alloys by nanoindentation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 605, 294-300. | 5.6 | 10 |
| 86 | Influence of hydrogen contamination on the tensile behavior of a plasma ion nitrided steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 282, 203-212. | 5.6 | 9 |
| 87 | Sliding Wear Response of Nanostructured YSZ Suspension Plasma-Sprayed Coating. Journal of Thermal Spray Technology, 2014, 23, 1350-1361. | 3.1 | 9 |
| 88 | Mechanical properties of thermally sprayed porous alumina coating by Vickers and Knoop indentation. Ceramics International, 2020, 46, 19843-19851. | 4.8 | 9 |
| 89 | Estimation du module dâ€™Young par analyse de la gÃ©omÃ©trie de lâ€™empreinte rÃ©siduelle aprÃ¨s indentation Vickers. Revue De Metallurgie, 1995, 92, 635-643. | 0.3 | 8 |
| 90 | Mechanical properties of WC coatings evaluated using instrumented indentation technique. Surface Engineering, 2014, 30, 498-510. | 2.2 | 8 |

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| 91 | Role of grain boundaries and micro-defects on the mechanical response of a crystalline rock at multiscale. International Journal of Rock Mechanics and Minings Sciences, 2014, 71, 429-441. | 5.8 | 8 |
| 92 | Mechanical characterization by multiscale instrumented indentation of highly heterogeneous materials for braking applications. Journal of Materials Science, 2019, 54, 4647-4670. | 3.7 | 8 |
| 93 | Model to determine the depth of a diffusion layer by normal indentations to the surface. Surface and Coatings Technology, 2008, 202, 3419-3426. | 4.8 | 7 |
| 94 | Comments on the paper â€œModification of composite hardness models to incorporate indentation size effects in thin filmsâ€• D. Beegan, S. Chowdhury and M.T. Laugier, Thin Solid Films 516 (2008), 3813â€“3817. Thin Solid Films, 2010, 518, 2097-2101. | 1.8 | 7 |
| 95 | Combined loading and failure analysis of lead-free solder joints due to creep and fatigue phenomena. Soldering and Surface Mount Technology, 2014, 26, 22-26. | 1.5 | 7 |
| 96 | Some improvements for determining the hardness of homogeneous materials from the work-of-indentation. International Journal of Mechanical Sciences, 2016, 105, 279-290. | 6.7 | 7 |
| 97 | Prediction of hardnessâ€“depth profile from indentations at surface of materials. Surface Engineering, 2009, 25, 93-96. | 2.2 | 6 |
| 98 | Indentation size effect of cortical bones submitted to different soft tissue removals. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 338-346. | 3.1 | 6 |
| 99 | Structure and hardness of diamond films deposited on WCâ€“Co by CVD technique. Surface and Coatings Technology, 2013, 227, 70-74. | 4.8 | 6 |
| 100 | Modeling of very thin aluminum nitride film mechanical properties from nanoindentation measurements. Thin Solid Films, 2015, 594, 129-137. | 1.8 | 6 |
| 101 | Hardness evaluation from a bilayer coating system of Ni-P deposited on carbon steel plates by multicycle indentation tests. Surface and Coatings Technology, 2018, 334, 410-419. | 4.8 | 6 |
| 102 | Virtual machine concept applied to uncertainties estimation in instrumented indentation testing. Journal of Materials Research, 2019, 34, 2501-2516. | 2.6 | 6 |
| 103 | Indentation instrumentÃ©e multi-Ã©chelles appliquÃ©e Ã lâ€™Ã©tude des matÃ©riaux massifs mÃ©talliques. Materiaux Et Techniques, 2017, 105, 104. | 0.9 | 6 |
| 104 | A Damage Criterion to Predict the Fatigue Life of Steel Pipelines Based on Indentation Measurements. Journal of Offshore Mechanics and Arctic Engineering, 2021, 143, . | 1.2 | 6 |
| 105 | Sliding wear of a-C:H coatings against alumina in corrosive media. Diamond and Related Materials, 2013, 38, 139-147. | 3.9 | 5 |
| 106 | Annealing study of thin chromium layers on cemented steel substrates. Surface and Coatings Technology, 2013, 227, 65-69. | 4.8 | 5 |
| 107 | Microstructure analysis and mechanical properties by instrumented indentation of Charonia Lampas Lampas shell. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 89, 114-121. | 3.1 | 5 |
| 108 | Instrumented indentation study of slag in view of a better valorization. Construction and Building Materials, 2019, 199, 349-358. | 7.2 | 5 |

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| 109 | Adhesive and cohesive properties of nanostructured Zr02 coatings by the original Vickers Indentation Cracking technique. Thin Solid Films, 2011, 519, 7789-7795. | 1.8 | 4 |
| 110 | Mechanical properties of an Al91â€“Mn6â€“Nd3 nanostructured alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 7041-7051. | 5.6 | 4 |
| 111 | Hardness-load modelling applied to multilayer galvanised coatings. Surface Engineering, 2016, 32, 194-200. | 2.2 | 4 |
| 112 | High Cycle Fatigue Damage Evaluation of Steel Pipelines Based on Microhardness Changes During Cyclic Loads. , 2017, , . | | 4 |
| 113 | Analyzing the nanoindentation response of carbon black filled elastomers. Journal of Applied Polymer Science, 2021, 138, 50697. | 2.6 | 4 |
| 114 | Role of hydrogen on adhesion of NiCr thermal sprayed coatings. Thin Solid Films, 2000, 377-378, 675-680. | 1.8 | 3 |
| 115 | Effect of impregnation solutions on the synthesis of Ni-Cu/Al<sub>2</sub>O<sub>3</sub> catalyst to obtain carbon nanofibers. Materials Research Express, 2018, 5, 125010. | 1.6 | 3 |
| 116 | Fatigue Life Prediction of Steel Pipelines Based on X-ray Diffraction Analyses. Journal of Materials Engineering and Performance, 2022, 31, 801-813. | 2.5 | 3 |
| 117 | Indentation : fondamentaux et dÃ©veloppements. Materiaux Et Techniques, 2017, 105, 101. | 0.9 | 3 |
| 118 | Multiscale study of cold-rolling deformation on mechanical and corrosion behaviors of AA2024-T4 aluminum alloy. Journal of the Indian Chemical Society, 2022, 99, 100307. | 2.8 | 3 |
| 119 | Hydrogen Diffusion in Plasma Ion Nitrided Steel. Defect and Diffusion Forum, 1997, 143-147, 939-944. | 0.4 | 2 |
| 120 | Maintenance of solder joints on the strength of simultaneously acting creep and fatigue phenomena by using microindentation technique. , 2013, , . | | 2 |
| 121 | Role of plastic deformation on the efficiency of a nitriding treatment: modelling of the hardness-depth profile. International Journal of Microstructure and Materials Properties, 2013, 8, 155. | 0.1 | 2 |
| 122 | High Cycle Fatigue Damage Evaluation of Steel Pipelines Based on Microhardness Changes During Cyclic Loads: Part II. , 2018, , . | | 2 |
| 123 | Quantitative evaluation of interfacial adhesion between steel reinforcements and self-compacting concretes, in steel/concrete composites, by indentation tests. Composite Interfaces, 2020, 27, 307-326. | 2.3 | 2 |
| 124 | Effet de lâ€™addition de TiB2 sur les propriÃ©tÃ©s mÃ©caniques et tribologiques de revÃªtements NiCrBSi dÃ©posÃ©s par projection thermique. Materiaux Et Techniques, 2018, 106, 202. | 0.9 | 2 |
| 125 | Interfacial Indentation Test for the Study of Reinforcement bar/concrete matrix Adhesion i n High Performance Self Compacting Concretes. Journal of Materials and Environmental Science, 2018, 9, 189-200. | 0.5 | 2 |
| 126 | Microhardness and spectroscopy studies of surface modification of titanium alloys by melted metaphosphates. Thin Solid Films, 1994, 241, 230-233. | 1.8 | 1 |

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| 127 | Experimental system for analysing the combined loading and failure modes of solder joints in electronic packaging. , 2012, , . | | 1 |
| 128 | Conversion treatment of thin titanium layer deposited on carbon steel. Journal of Physics: Conference Series, 2018, 1033, 012010. | 0.4 | 1 |
| 129 | Un critere simple dâ€™identification du mode de dÃ©formation par indentation. Materiaux Et Techniques, 2015, 103, 603. | 0.9 | 1 |
| 130 | Ã‰tude des transformations microstructurales survenant lors deÂl'endommagement par frottement sec d'un couple fonte/acierA study of microstructural transformations occurring during the deterioration by dry friction of an iron/steel pair. Mecanique Et Industries, 2002, 3, 237-243. | 0.2 | 0 |
| 131 | Eddy currents to control steel decarburising. Surface Engineering, 2007, 23, 273-278. | 2.2 | 0 |
| 132 | WÅ‚aÅ›ciwoÅ›ci mechaniczne powÅ‚ok hydroksyapatytu natryskiwanych plazmowo z zawiesin. PrzeglÄ…d Spawalnictwa, 2015, 84, . | 0.5 | 0 |
| 133 | PropriÃ©tÃ©s mÃ©caniques par indentation dâ€™un film mince nanometrique de nitrure dâ€™aluminium. Materiaux Et Techniques, 2015, 103, 605. | 0.9 | 0 |
| 134 | Fluage et relaxation par indentation dâ€™aciers au chrome. Materiaux Et Techniques, 2017, 105, 103. | 0.9 | 0 |
| 135 | Structure and microstructure study of Charonia lampas lampas shell. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e200-e200. | 0.1 | 0 |