

# Edoardo Bemporad

## List of Publications by Year in descending order

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120  
papers

3,113  
citations

147801

31  
h-index

182427

51  
g-index

122  
all docs

122  
docs citations

122  
times ranked

3210  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Biocompatibility and antibacterial properties of TiCu(Ag) thin films produced by physical vapor deposition magnetron sputtering. Applied Surface Science, 2022, 573, 151604.   | 6.1 | 12        |
| 2  | Basaltic Glass Fibers from Industrial Wastes: A Laboratory-Scale Technical Feasibility Study. Crystals, 2022, 12, 359.   | 2.2 | 0         |
| 3  | A Nanoindentation Approach for Time-Dependent Evaluation of Surface Free Energy in Micro- and Nano-Structured Titanium. Materials, 2022, 15, 287.  | 2.9 | 6         |
| 4  | Investigations into fatigue failure in e-type fastening clips used in railway tracks. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2021, 235, 898-905.   | 2.0 | 2         |
| 5  | Influence of the Silver Content on Mechanical Properties of Ti-Cu-Ag Thin Films. Nanomaterials, 2021, 11, 435.   | 4.1 | 8         |
| 6  | Effectiveness and Compatibility of Nanoparticle Based Multifunctional Coatings on Natural and Man-Made Stones. Coatings, 2021, 11, 480.  | 2.6 | 8         |
| 7  | Quantitative multi-scale characterization of single basalt fibres: Insights into strength loss mechanisms after thermal conditioning. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 797, 139963. | 5.6 | 12        |
| 8  | Modeling of Erosion Response of Cold-Sprayed In718-Ni Composite Coating Using Full Factorial Design. Coatings, 2020, 10, 335.  | 2.6 | 16        |
| 9  | Influence of the microstructure on the diffusion barrier performance of Nb-based coatings for cyclotron targets. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 051510.   | 2.1 | 3         |
| 10 | Fire simulation tests of mineral oil and natural esters transformers. , 2019, , .  |     | 6         |
| 11 | Synchrotron Radiation Applied to Real-Time Studies of the Kinetics of Growth of Aluminum Nitride Thin Multilayers. Journal of Physical Chemistry B, 2019, 123, 1679-1687.  | 2.6 | 0         |
| 12 | Damage progression in thermal barrier coating systems during thermal cycling: A nano-mechanical assessment. Materials and Design, 2019, 166, 107615.   | 7.0 | 47        |
| 13 | Contraintes résiduelles et comportement mécanique de revêtements nickel-bore. Materiaux Et Techniques, 2019, 107, 205.   | 0.9 | 1         |
| 14 | Nanoscale residual stress depth profiling by Focused Ion Beam milling and eigenstrain analysis. Materials and Design, 2018, 145, 55-64.  | 7.0 | 54        |
| 15 | Ni-B electrodeposits with low B content: Effect of DMAB concentration on the internal stresses and the electrochemical behaviour. Surface and Coatings Technology, 2018, 344, 190-196.   | 4.8 | 25        |
| 16 | Anisotropic distribution of the micro residual stresses in lath martensite revealed by FIB ring-core milling technique. Acta Materialia, 2018, 150, 327-338.   | 7.9 | 41        |
| 17 | Metrology and nano-mechanical tests for nano-manufacturing and nano-bio interface: Challenges & future perspectives. Materials and Design, 2018, 137, 446-462.   | 7.0 | 35        |
| 18 | Effects of Residual Stress Distribution on Interfacial Adhesion of Magnetron Sputtered AlN and AlN/Al Nanostructured Coatings on a (100) Silicon Substrate. Nanomaterials, 2018, 8, 896.   | 4.1 | 18        |

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|----|---|-----|-----------|
| 19 | Investigation on Failure in Thermal Barrier Coatings on Gas Turbine First-Stage Rotor Blade. Journal of Failure Analysis and Prevention, 2018, 18, 1062-1072.   | 0.9 | 6         |
| 20 | Ti <sub>1-x</sub> Al <sub>x</sub> N coatings by Reactive High Power Impulse Magnetron Sputtering: film/substrate interface effect on residual stress and high temperature oxidation. Surface and Coatings Technology, 2018, 354, 56-65.   | 4.8 | 16        |
| 21 | A method to improve the quality of 2.5 dimensional micro-and nano-structures produced by focused ion beam machining. Micron, 2017, 101, 8-15.   | 2.2 | 16        |
| 22 | Atomic layer deposition of semiconductor oxides on electric sail tethers. Thin Solid Films, 2017, 621, 195-201.   | 1.8 | 3         |
| 23 | Power transformer fire and environmental risk reduction by using natural esters. , 2017, , .  |     | 18        |
| 24 | Packed and Monolithic Reactors for the Dry Reforming of Methane: Ni Supported on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Promoted by Ru. Advanced Science Letters, 2017, 23, 5977-5979.  | 0.2 | 3         |
| 25 | Design, fabrication and characterization of multilayer Cr-CrN thin coatings with tailored residual stress profiles. Materials and Design, 2016, 112, 162-171.   | 7.0 | 39        |
| 26 | ( $\begin{matrix} \text{e} \\ \text{g} \\ \text{i} \\ \text{n} \\ \{ \\ \text{a} \\ \text{r} \\ \} \\ \{ \\ \text{c} \\ \text{c} \\ \} \\ \text{1} \\ \& \\ \text{0} \\ \& \\ \text{e} \\ \text{g} \\ \text{i} \\ \text{n} \\ \{ \\ \text{a} \\ \text{r} \\ \} \\ \{ \\ \text{c} \\ \text{c} \\ \} \\ \text{1} \\ \& \\ \text{1} \\ \text{e} \\ \text{n} \\ \{ \\ \text{a} \\ \text{r} \\ \} \\ \text{e} \\ \text{n} \\ \{ \\ \text{a} \\ \text{r} \\ \} \\ \} \\ \} \\ \end{matrix}$ ) preferential orientation of polycrystalline AlN grown on SiO <sub>2</sub> /Si wafers by reactive sputter magnetron technique. EPJ Applied Physics, 2016, 74, 10301. | 0.7 | 2         |
| 27 | Low temperature degradation resistant nanostructured yttria-stabilized zirconia for dental applications. Ceramics International, 2016, 42, 8190-8197.   | 4.8 | 31        |
| 28 | Toward a Fatigue Life Assessment of Steel Pipes Based on X-Ray Diffraction Measurements. , 2015, , .  |     | 3         |
| 29 | Behavior of nitrided and carburized AISI 904L stainless steels under severe light ion beam irradiation with plasma focus. Surface and Interface Analysis, 2015, 47, 728-737.  | 1.8 | 8         |
| 30 | Study on the Correlation between Microstructure Corrosion and Wear Resistance of Ag-Cu-Ge Alloys. Coatings, 2015, 5, 78-94.   | 2.6 | 7         |
| 31 | Thin-film deposition and characterization for neutron detection applications. European Physical Journal Plus, 2015, 130, 1.   | 2.6 | 0         |
| 32 | Structural, morphological and mechanical characterization of Mo sputtered coatings. Surface and Coatings Technology, 2015, 266, 14-21.  | 4.8 | 15        |
| 33 | 10B enriched film deposited by e-beam technique on Al <sub>2</sub> O <sub>3</sub> substrate for high efficiency thermal neutron detector. Surface and Coatings Technology, 2015, 265, 160-165.  | 4.8 | 8         |
| 34 | Influence of Ti-TiN multilayer PVD-coatings design on residual stresses and adhesion. Materials & Design, 2015, 75, 47-56.  | 5.1 | 138       |
| 35 | Niobium-niobium oxide multilayered coatings for corrosion protection of proton-irradiated liquid water targets for [18F] production. Thin Solid Films, 2015, 591, 316-322.  | 1.8 | 5         |
| 36 | Prototyping fishnet metamaterials: alumina-silver-based structures. , 2015, , .   |     | 0         |

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|----|--|-----|-----------|
| 37 | Residual micro-stress distributions in heat-pressed ceramic on zirconia and porcelain-fused to metal systems: Analysis by FIB-DIC ring-core method and correlation with fracture toughness. <i>Dental Materials</i> , 2015, 31, 1396-1405.   | 3.5 | 23        |
| 38 | The Vortex Path Model Analysis of the Field Angle Dependence of the Critical Current Density in Nanocomposite YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> BaZrO <sub>3</sub> Films Obtained by Low Fluorine Chemical Solution Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 2493-2500. | 1.8 | 15        |
| 39 | Elastic anisotropy of coatings by AFM analysis of microindentations. <i>Surface Engineering</i> , 2014, 30, 41-47.   | 2.2 | 4         |
| 40 | Nanomechanical Characterization of Brittle Rocks. <i>Solid Mechanics and Its Applications</i> , 2014, , 209-229.   | 0.2 | 0         |
| 41 | A critical comparison between XRD and FIB residual stress measurement techniques in thin films. <i>Thin Solid Films</i> , 2014, 572, 224-231.  | 1.8 | 58        |
| 42 | Investigation of AA2024-T3 surfaces modified by cerium compounds: A localized approach. <i>Corrosion Science</i> , 2014, 78, 215-222.  | 6.6 | 51        |
| 43 | On the use of copper-based substrates for YBCO coated conductors. <i>Journal of Physics: Conference Series</i> , 2014, 507, 022048.  | 0.4 | 3         |
| 44 | Discussion on Interfacial Residual Stress Analysis of Thermal Spray Coatings by Miniature Ring-Core Cutting Combined with DIC Method by J.C. Zhu et al., <i>Experimental Mechanics</i> DOI:10.1007/s11340-012-9640-2. <i>Experimental Mechanics</i> , 2014, 54, 1305-1306.   | 2.0 | 1         |
| 45 | Role of grain boundaries and micro-defects on the mechanical response of a crystalline rock at multiscale. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2014, 71, 429-441.  | 5.8 | 8         |
| 46 | Focused ion beam four-slot milling for Poisson's ratio and residual stress evaluation at the micron scale. <i>Surface and Coatings Technology</i> , 2014, 251, 151-161.  | 4.8 | 29        |
| 47 | Depth profiling and morphological characterization of AlN thin films deposited on Si substrates using a reactive sputter magnetron. <i>EPJ Applied Physics</i> , 2014, 67, 21301.  | 0.7 | 3         |
| 48 | Focused Ion Beam and Nanomechanical Tests for High Resolution Surface Characterisation: New Resources for Platinum Group Metals Testing. <i>Platinum Metals Review</i> , 2014, 58, 3-19.   | 1.2 | 2         |
| 49 | The fire assay reloaded. <i>Gold Bulletin</i> , 2013, 47, 9.   | 2.4 | 1         |
| 50 | Multi-step anodizing on Ti6Al4V components to improve tribomechanical performances. <i>Surface and Coatings Technology</i> , 2013, 227, 19-27.   | 4.8 | 27        |
| 51 | Optimized coating procedure for the protection of TiAl intermetallic alloy against high temperature oxidation. <i>Intermetallics</i> , 2013, 37, 76-82.  | 3.9 | 30        |
| 52 | Effect of micro-droplets on the local residual stress field in CAE-PVD thin coatings. <i>Surface and Coatings Technology</i> , 2013, 215, 407-412.   | 4.8 | 20        |
| 53 | Stability of expanded austenite, generated by ion carburizing and ion nitriding of AISI 316L SS, under high temperature and high energy pulsed ion beam irradiation. <i>Surface and Coatings Technology</i> , 2013, 218, 142-151.  | 4.8 | 27        |
| 54 | X-ray diffraction study of microstructural changes during fatigue damage initiation in pipe steels: Role of the initial dislocation structure. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 580, 1-12.  | 5.6 | 12        |

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|----|---|-----|-----------|
| 55 | Dense and Cellular Zirconia Produced by Gel Casting with Agar: Preparation and High Temperature Characterization. Journal of Nanomaterials, 2013, 2013, 1-11.   | 2.7 | 6         |
| 56 | Influence of mechanical properties of tungsten carbide-cobalt thermal spray coatings on their solid particle erosion behaviour. Surface Engineering, 2012, 28, 237-243.   | 2.2 | 37        |
| 57 | X-Ray Diffraction Study of Microstructural Changes During Fatigue Damage Initiation in Steel Pipes. , 2012, , .   |     | 3         |
| 58 | X-Ray Diffraction Study of Microstructural Changes During Fatigue Damage in Steel Pipelines. , 2012, , .  |     | 0         |
| 59 | High resolution residual stress measurement on amorphous and crystalline plasma-sprayed single-splats. Surface and Coatings Technology, 2012, 206, 4872-4880.   | 4.8 | 37        |
| 60 | An Innovative Non-contact Method to Determine Surface Free Energy on Micro-areas. Journal of Adhesion Science and Technology, 2012, 26, 131-150.  | 2.6 | 13        |
| 61 | Effects of intra-crystalline microcracks on the mechanical behavior of a marble under indentation. International Journal of Rock Mechanics and Minings Sciences, 2012, 54, 47-55.   | 5.8 | 33        |
| 62 | Growth and Characterization of La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> Buffer Layers Deposited by Chemical Solution Deposition. Physics Procedia, 2012, 36, 1552-1557.   | 1.2 | 3         |
| 63 | An easy way to measure surface free energy by drop shape analysis. Measurement: Journal of the International Measurement Confederation, 2012, 45, 317-324.  | 5.0 | 16        |
| 64 | X-ray diffraction study of microstructural changes during fatigue damage initiation in steel pipes. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 532, 158-166. | 5.6 | 17        |
| 65 | Residual stress measurement in thin films at sub-micron scale using Focused Ion Beam milling and imaging. Thin Solid Films, 2012, 520, 2073-2076.   | 1.8 | 42        |
| 66 | Wear mechanisms and in-service surface modifications of a Stellite 6B Co-Cr alloy. Wear, 2012, 290-291, 10-17.  | 3.1 | 35        |
| 67 | Surface Analysis and Osteoblasts Response of a Titanium Oxi-Carbide Film Deposited on Titanium by Ion Plating Plasma Assisted (IPPA). Journal of Nanoscience and Nanotechnology, 2011, 11, 8754-8762.                       | 0.9 | 13        |
| 68 | Decentralized Hybrid Model Predictive Control of a Formation of Unmanned Aerial Vehicles. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11900-11906.                               | 0.4 | 16        |
| 69 | Depth-resolved residual stress analysis of thin coatings by a new FIB-DIC method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 7901-7908.                 | 5.6 | 133       |
| 70 | Flame treatment on plastic: A new surface free energy statistical prediction model and characterization of treated surfaces. Applied Surface Science, 2011, 257, 2148-2158.   | 6.1 | 16        |
| 71 | Residual stress measurement in thin films using the semi-destructive ring-core drilling method using Focused Ion Beam. Procedia Engineering, 2011, 10, 2190-2195.   | 1.2 | 21        |
| 72 | Effect of composition on mechanical behaviour of diamond-like carbon coatings modified with titanium. Thin Solid Films, 2011, 519, 3061-3067.   | 1.8 | 25        |

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|----|--|------|-----------|
| 73 | On the Influence of Residual Stress on Nano-Mechanical Characterization of Thin Coatings. Journal of Nanoscience and Nanotechnology, 2011, 11, 8864-8872.  | 0.9  | 11        |
| 74 | Focused ion beam and transmission electron microscopy as a powerful tool to understand localized corrosion phenomena. Corrosion Reviews, 2011, 29, .   | 2.0  | 2         |
| 75 | Residual stress measurement at the micrometer scale: focused ion beam (FIB) milling and nanoindentation testing. Philosophical Magazine, 2011, 91, 1121-1136.                                    | 1.6  | 27        |
| 76 | A New Methodology For In-Situ Residual Stress Measurement In MEMS Structures. AIP Conference Proceedings, 2010, , .  | 0.4  | 10        |
| 77 | F-substituted hydroxyapatite nanopowders: Thermal stability, sintering behaviour and mechanical properties. Ceramics International, 2010, 36, 313-322.   | 4.8  | 114       |
| 78 | Austenite modification of AISI 316L SS by pulsed nitrogen ion beams generated in dense plasma focus discharges. Surface and Coatings Technology, 2010, 204, 1193-1199.                           | 4.8  | 29        |
| 79 | Residual stress evaluation at the micrometer scale: Analysis of thin coatings by FIB milling and digital image correlation. Surface and Coatings Technology, 2010, 205, 2393-2403.               | 4.8  | 152       |
| 80 | Depth-sensing indentation modeling for determination of Elastic modulus of thin films. Mechanics of Materials, 2010, 42, 166-174.  | 3.2  | 35        |
| 81 | Characterization of expanded austenite developed on AISI 316L stainless steel by plasma carburization. Surface and Coatings Technology, 2010, 204, 3750-3759.                                    | 4.8  | 34        |
| 82 | Structural characterisation of High Velocity Suspension Flame Sprayed (HVSFS) TiO <sub>2</sub> coatings. Surface and Coatings Technology, 2010, 204, 3902-3910.                                  | 4.8  | 24        |
| 83 | ON THE MEASUREMENT AND INTERPRETATION OF RESIDUAL STRESS AT THE MICRO-SCALE. International Journal of Modern Physics B, 2010, 24, 1-9.   | 2.0  | 5         |
| 84 | Focused ion beam ring drilling for residual stress evaluation. Materials Letters, 2009, 63, 1961-1963.   | 2.6  | 146       |
| 85 | Complex wear measurement on thin coatings by the cratering method. Lubrication Science, 2009, 21, 269-288.   | 2.1  | 0         |
| 86 | Mechanical properties of cellular ceramics obtained by gel casting: Characterization and modeling. Journal of the European Ceramic Society, 2009, 29, 2979-2989.                                 | 5.7  | 30        |
| 87 | Preparation and mechanical characterization of dense and porous zirconia produced by gel casting with gelatin as a gelling agent. Ceramics International, 2009, 35, 2481-2491.                   | 4.8  | 39        |
| 88 | Hydrothermal N-doped TiO <sub>2</sub> : Explaining photocatalytic properties by electronic and magnetic identification of N active sites. Applied Catalysis B: Environmental, 2009, 93, 149-155. | 20.2 | 55        |
| 89 | Graded selective coatings based on zirconium and titanium oxynitride. Journal Physics D: Applied Physics, 2009, 42, 115406.  | 2.8  | 10        |
| 90 | Tribological studies on PVD/HVOF duplex coatings on Ti6Al4V substrate. Surface and Coatings Technology, 2008, 203, 566-571.  | 4.8  | 63        |

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|-----|---|-----|-----------|
| 91  | Preparation and characterization of nano cobalt oxide. Journal of Nanoparticle Research, 2008, 10, 59-67.   | 1.9 | 105       |
| 92  | Characterization and residual stresses of WC-Co thermally sprayed coatings. Surface and Coatings Technology, 2008, 202, 4560-4565.  | 4.8 | 78        |
| 93  | Analysis of data from various indentation techniques for thin films intrinsic hardness modelling. Thin Solid Films, 2008, 516, 1964-1971.   | 1.8 | 11        |
| 94  | Superconducting and microstructural studies on sputtered niobium thin films for accelerating cavity applications. Superconductor Science and Technology, 2008, 21, 125026.                                | 3.5 | 18        |
| 95  | Modelling, production and characterisation of duplex coatings (HVOF and PVD) on Ti-6Al-4V substrate for specific mechanical applications. Surface and Coatings Technology, 2007, 201, 7652-7662.          | 4.8 | 61        |
| 96  | Titanium carbide films obtained by conversion of sputtered titanium on high carbon steel. Surface and Coatings Technology, 2006, 200, 5447-5454.  | 4.8 | 11        |
| 97  | High thickness Ti/TiN multilayer thin coatings for wear resistant applications. Surface and Coatings Technology, 2006, 201, 2155-2165.  | 4.8 | 105       |
| 98  | 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        |
| 99  | Production and characterization of duplex coatings (HVOF and PVD) on Ti-6Al-4V substrate. Thin Solid Films, 2006, 515, 186-194.   | 1.8 | 43        |
| 100 | Laser-assisted welding of transparent polymers for microchemical engineering and life science. , 2005, , ,  |     | 12        |
| 101 | Parametric Study of an HVOF Process for the Deposition of Nanostructured WC-Co Coatings. Journal of Thermal Spray Technology, 2005, 14, 187-195.  | 3.1 | 89        |
| 102 | Multifaceted Approach for Characterization of Solid Residues from Sludge Incineration. Water, Air, and Soil Pollution, 2004, 158, 193-205.  | 2.4 | 1         |
| 103 | Characterisation and wear properties of industrially produced nanoscaled CrN/NbN multilayer coating. Surface and Coatings Technology, 2004, 188-189, 319-330.   | 4.8 | 32        |
| 104 | Rapid solidification of plasma sprayed advanced materials: nanostructure characterisation. International Journal of Materials and Product Technology, 2004, 20, 377.                                      | 0.2 | 2         |
| 105 | Characterization of vanadium oxide on ZrO <sub>2</sub> -based catalyst precursors. Physical Chemistry Chemical Physics, 2003, 5, 4974.  | 2.8 | 7         |
| 106 | Influence of Si, Ni and Co additions on gold alloy for investment cast process. Journal of Alloys and Compounds, 2001, 325, 252-258.  | 5.5 | 4         |
| 107 | Characterization and hardness modelling of alternate TiN/TiCN multilayer cathodic arc PVD coating on tool steel. Surface and Coatings Technology, 2001, 146-147, 363-370.                                 | 4.8 | 38        |
| 108 | Verification of Layered Structures in SnO <sub>2</sub> /Metal-based Gas Sensors by X-ray Microanalysis: Comparison with X-ray Photoelectron Spectroscopy. Microscopy and Microanalysis, 2001, 7, 518-525. | 0.4 | 0         |

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| 109 | Verification of Layered Structures in SnO <sub>2</sub> /Metal-based Gas Sensors by X-ray Microanalysis: Comparison with X-ray Photoelectron Spectroscopy. <i>Microscopy and Microanalysis</i> , 2001, 7, 518-525. | 0.4 | 0         |
| 110 | Tensile experiments and SEM fractography on bovine subchondral bone. <i>Journal of Biomechanics</i> , 2000, 33, 1153-1157.  | 2.1 | 39        |
| 111 | EB/LIV treatment of protective coatings for porous materials. <i>Radiation Physics and Chemistry</i> , 2000, 57, 393-397.   | 2.8 | 4         |
| 112 | Laser-induced crystallization of amorphous silicon-carbon alloys studied by Raman microspectroscopy. <i>Applied Surface Science</i> , 1999, 138-139, 24-28.   | 6.1 | 21        |
| 113 | Thermal and microchemical characterisations of CaSO <sub>4</sub> -SiO <sub>2</sub> investment materials for casting jewellery alloys. <i>Thermochimica Acta</i> , 1998, 321, 175-183.                             | 2.7 | 18        |
| 114 | Surface analysis of biocompatible coatings on titanium. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 95, 61-69.  | 1.7 | 92        |
| 115 | Interaction of mercury vapour with thin films of gold. <i>Applied Surface Science</i> , 1996, 103, 107-111.   | 6.1 | 49        |
| 116 | The role of chemistry in the research on advanced materials in Italy (I). The ZIC paradigm. <i>Materials Technology</i> , 1996, 3, 85-109.  | 0.3 | 0         |
| 117 | Structural, optical and electronic properties of wide band gap amorphous carbon-silicon alloys. <i>Diamond and Related Materials</i> , 1993, 2, 773-777.  | 3.9 | 29        |
| 118 | Development of a Duplex Coating Procedure (HVOF and PVD) on Ti-6AL-4V Substrate for Automotive Applications. , 0, , 145-158.  |     | 0         |
| 119 | Load Bearing Capacity And Failure Modes Analysis Of PVD/HVOF Duplex Coatings. , 0, , 25-34.   |     | 0         |
| 120 | Pure And Substituted Hydroxyapatite Nanopowders By Precipitation. , 0, , 65-74.   |     | 0         |