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PROIECT DE CERCETARE BILATERAL RO-FR, ANCS – CAPACITATI 702 / 30.04.2013
– CorrBioMat**

Teze de licență / masterat / doctorat

1 Teză de doctorat finalizată:

1. Dr. ing. Marilena MARDARE–PRALEA, Coordonator științific – prof. univ. dr. Lidia BENEĂ. Titlul tezei de doctorat: *Polietilena de masă moleculară ridicată (UHMWPE) și straturi compozite cu utilizare în implanturile umane*, cu referenți oficiali din partea statului francez, respectiv prof. dr. Pierre PONTIAUX și prof. dr. Jean–Pierre CELIS, data susținerii publice 27 iulie 2013.



Publicații în reviste indexate ISI

1. Adina Ionica PAVLOV, Lidia BENEĂ, Jean – Pierre CELIS, Luis VAZQUEZ, *Influence of nano-TiO₂ co-deposition on the morphology, microtopography and crystallinity of Ni/nano-TiO₂ electrosynthesized nanocomposite coatings*, Digest Journal of Nanomaterials and Biostructures, 8, 1043 – 1050, (2013).
ISSN 1842-3582.
Impact Factor = 1.123.
http://www.chalcogen.ro/1043_Benea.pdf

Publicații în reviste incluse în alte baze de date internaționale recunoscute (BDI)

1. Eliza MARDARE, Lidia BENEĂ, Iulian BOUNEGRU, *Electrochemical Modifications of Titanium And Titanium Alloys Surface For Biomedical Applications – A Review*, The Annals of “Dunarea de Jos” University of Galati, Fascicle IX. Metallurgy and Materials Science, No. 1 p. 68 – 78, 2013.
ISSN 1453 – 083X.
<http://www.imsi.ugal.ro/Anale/2013-Annals-vol-1.pdf>

Participări la conferințe internaționale

O lucrare prezentată la: **IVC-19 / ICN+T 2013 and partner conferences (19th International Vacuum Congress (IVC-19), International Conference on Nanoscience and Technology (ICN+T 2013), 15th International Conference on Solid Surfaces (ICSS-15), Innovations in Thin Film Processing and Characterisation (ITFPC 2013), Magnetron, Ion processing & Arc**

Technologies European Conference (MIATEC 2013), 19th International Colloquium on Plasma Processes (CIP 2013), Reactive Sputter Deposition (RSD 2013)), Sesiunea: Nanostructured Protective Coatings (Joint with ITFPC 2013), 9 – 13 September 2013, Paris, Franța.

http://www.ive19.com/fileadmin/document/19th_International_Vacuum_Congress.pdf

1. Oral presentation: Lidia BENEÀ, Olivier RAQUET, Nadege CARON, Pierre PONTTHIAUX, Jean-Pierre CELIS, *Nanocomposite coatings for improving the corrosion and wear resistance of surfaces*, IVC-19 / ICN+T 2013 and partner conferences (19th International Vacuum Congress (IVC-19), International Conference on Nanoscience and Technology (ICN+T 2013), 15th International Conference on Solid Surfaces (ICSS-15), Innovations in Thin Film Processing and Characterisation (ITFPC 2013), Magnetron, Ion processing & Arc Technologies European Conference (MIATEC 2013), 19th International Colloquium on Plasma Processes (CIP 2013), Reactive Sputter Deposition (RSD 2013)), Sesión: Nanostructured Protective Coatings (Joint with ITFPC 2013), 9 – 13 September 2013, Paris, Franța.

http://apps.key4events.com/key4register/images/client/164/files/Abstracts_IVC19.pdf

O lucrare prezentată la: **First International Conference Danube – Black Sea – 3E – Energy, Environment & Efficiency (IWEEE 2013), Section II – Environmental issues in the Danube and Black Sea areas, multiple dimensions of water security and environmental risks, Dunărea de Jos University of Galați, 18 – 21 September 2013, Galați, România.**

<http://www.iweee.ugal.ro/index.php/program>

1. Oral presentation: Sorin–Bogdan BAȘA, Lidia BENEÀ, Nadège CARON, Olivier RAQUET, Pierre PONTTHIAUX, Jean-Pierre CELIS, *Electroplating of Ni-WC Nanocomposite Coatings for Improving Corrosion and Wear Resistance of Steel Surfaces*, First International Conference Danube – Black Sea – 3E – Energy, Environment & Efficiency (IWEEE 2013), Section II – Environmental issues in the Danube and Black Sea areas, multiple dimensions of water security and environmental risks, Dunărea de Jos University of Galați, 18 – 21 September 2013, Galați, România.

<http://www.iweee.ugal.ro/index.php/program>



O lucrare prezentată la: **The Second International Conference of Young Researchers - New trends in environmental and materials engineering (TEME), Faculty of Materials and Environmental Engineering, Dunărea de Jos University of Galați, 28 – 30 October 2013, Galați, Romania.**

<http://www.fimm.ugal.ro/teme/>

1. Oral presentation: **Sorin–Bogdan BAŞA**, Lidia BENEĂ, Nadège CARON, Olivier RAQUET, Pierre PONTIAUX, Jean-Pierre CELIS, *Electrochemical synthesis and characterization of Ni/WC nanocomposite layers*, The Second International Conference of Young Researchers - New trends in environmental and materials engineering (TEME), Faculty of Materials and Environmental Engineering, Dunărea de Jos University of Galaţi, 28 – 30 October 2013, Galaţi, Romania.

<http://www.fimm.ugal.ro/teme/>



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