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Published papers in Proceedings Volumes and Other Non-indexed Journals
Lucrari publicate in volumele conferintelor și alte reviste neindexate

- Lidia BENEÀ, Marilena MARDARE-PRALEA**
UHMWPE – Cobalt Composite Layers by Codeposition Process.
 121 O-102 oral presentation at EMNT 2010: The Eight International Symposium on Electrochemical Micro & Nanosystem Technologies, 21-24 September 2010, Cannes Mandelieu, France.
 Book of Abstracts.
- 2010: Florentina Simona ȘORCARU, Lidia BENEÀ, Pierre PONTTHIAUX, Francois WENGER.**
Nanocomposite Layers Prepared by Electrochemical Codeposition of Nano-CeO₂ with Cobalt
 120 ISE S07-P-093: Poster presentation at ISE 2010: 61st Annual Meeting of the International Society of Electrochemistry, September 26th - October 1st, 2010, Nice, .France.
 Book of Abstracts.
- 2010: Stefan BALTA, Lidia BENEÀ, Simona Florentina SORCARU , Eliza MARDARE**
Electrochemical investigation of codeposition of ZrO₂ nano and microsized particles with cobalt
 119 S05 – P-114: Poster presentation at ISE 2010: 61st Annual Meeting of the International Society of Electrochemistry, September 26th - October 1st, 2010, Nice, .France.
 Book of Abstracts.
- 2010: BENEÀ, Marilena MARDARE, Eliza MARDARE.**
Electrochemical Study of UHMWPE Inclusion in the Cobalt Matrix by Co-Deposition Process
 118 S09-P068: Poster presentation at ISE 2010: 61st Annual Meeting of the International Society of Electrochemistry, .
 Book of Abstracts.
- 2010: Eliza MARDARE, Lidia BENEÀ, Jean Pierre Celis.**
Electrochemical corrosion properties of Ti-6Al-4V alloy used on orthopedic implants.
 117 s06 –P—073: Poster presentation at ISE 2010: 61st Annual Meeting of the International Society of Electrochemistry, September 26th - October 1st, 2010, Nice, France.
Book of Abstracts.
- 2009: Lidia Benea, Simona Florentina Sorcaru, Pierre Ponthiaux, François Wenger, Jean Pierre Celis.**
Improving the corrosion resistance of cobalt coatings by co-deposition of ZrO₂ dispersed particles
 116 Book of Abstracts: COST 533 Action on Materials for Improved Wear Resistance of Total Artificial Joints final meeting , 2nd International Workshop on Biotribology - Bridging Engineering and Medicine held in Guimaraes, Portugal, 25-27 May 2009. Book of Abstracts.
- 2009: Lidia Benea, Pierre Ponthiaux, Marilena Mardare, Jean Pierre Celis;**
Alternative materials – Cobalt / UHMWPE composite coatings.
 115 Lucrare prezentata oral la 533 Action on Materials for Improved Wear Resistance of Total Artificial Joints final meeting , 2nd International Workshop on Biotribology - Bridging Engineering and Medicine held in Guimaraes,

Portugal, 25-27 May 2009. Book of Abstracts.

- 114 **2009: Lidia BENEÀ**, Alina CIUBOTARIU, Bernard TRIBOLLET, Wolfgang SAND
Surface modifications to influence biofilm formation on material surfaces.
Lucrare prezentata oral la **EUROCORR 2009 - The European Corrosion Congress, 6 - 10 September 2009, Nice, France.**
Published in European Corrosion Congress 2009 (EUROCORR 2009). Proceedings of a meeting held 6-10 September 2009, Nice, France. Pages 3748-3759.
ISBN: 9781615677962.
<http://toc.proceedings.com/06954webtoc.pdf>
- 113 **2009: Lidia. BENEÀ¹**, Pierre PONTTHIAUX², Florentina – Simona SORCARU¹, Francois WENGER², Jean-Pierre CELIS³
DISPERSED BIOCERAMICS IN COBALT - A WAY TO IMPROVE THE PROPERTIES OF IMPLANTS
Lucrare prezentata oral la **EUROCORR 2009 - The European Corrosion Congress, 6 - 10 September 2009, Nice, France.**
Published in European Corrosion Congress 2009 (EUROCORR 2009). Proceedings of a meeting held 6-10 September 2009, Nice, France. Pages 3759-3768.
ISBN: 9781615677962.
<http://toc.proceedings.com/06954webtoc.pdf>
- 112 **2009: Lidia BENEÀ**, Marilena MARDARE, Bernard TRIBOLLET.
Dispersed nano-sized SiC in nickel to improve the corrosion properties of composite coatings.
Lucrare prezentata poster la **EUROCORR 2009 - The European Corrosion Congress, 6 - 10 September 2009, Nice, France.**
Published in European Corrosion Congress 2009 (EUROCORR 2009). Proceedings of a meeting held 6-10 September 2009, Nice, France. Pages 3768-3776.
ISBN: 9781615677962.
<http://toc.proceedings.com/06954webtoc.pdf>
- 111 **2009: Lidia Benea**, Alina Ciubotariu, Bernard Tribollet, Wolfgang Sand.
Influence of nano SiC codeposition with nickel to biofilm formation on nanocomposite coatings.
International Conference FNMA - Functional and Nanonstructured Materials, held in Sulmona (L'Aquila, Italy) from 27 to 30 September 2009, Task Publishing Gdansk, Poland
p. 143-144. ISBN: 978-83-908112-7-7
www.fnma09.gda.pl
- 110 **2009: Lidia Benea**, Pierre Ponthiaux, F. Simona Sorcaru, Francois Wenger.
Dispersed nano- CeO₂ in cobalt – a way to improve the coatings properties.
International Conference FNMA - Functional and Nanonstructured Materials, held in Sulmona (L'Aquila, Italy) from 27 to 30 September 2009, Task Publishing Gdansk, Poland.
p. 141-142. ISBN: 978-83-908112-7-7.
www.fnma09.gda.pl
- 109 **2009: L. Benea**, V. Dragan, B. Tribollet
Electrochemical corrosion properties of SiC/Ni nano-composite coatings in 0,5NaCl.
UGALMAT 2009, 22 – 23 octombrie, Galati, CD Proceeding, p. 420-425.
ISSN 1843- 5807.
www.fmet.ugal.ro/sesiuni_stiintifice
- 108 **2009: Alina Crina Ciubotariu, Lidia Benea**, Olga Mitoseriu, Pierre Ponthiaux, François Wenger.
Morphological aspects and corrosion behaviour of phenol formaldehyde/Zn composite coatings.
UGALMAT 2009, 22 – 23 octombrie, Galati, CD Proceeding, p. 413-419.
ISSN 1843- 5807.
www.fmet.ugal.ro/sesiuni_stiintifice

- 2009: L. Benea, F. Sorcaru, P. Ponthiaux, F. Wenger.
Study of ZrO₂/Co deposition with cobalt from chloride electrolyte.
107 UGALMAT 2009, 22 – 23 octombrie, Galati, CD Proceeding, p. 406-412.
ISSN 1843- 5807.
www.fmet.ugal.ro/sesiuni_stiintifice
- 2009: L. Benea, M. Mardare, P. Cojocaru
Electrochemical deposition and SEM surface morphology of Co and UHMWPE/Co composite layers.
106 UGALMAT 2009, 22 – 23 octombrie, Galati, CD Proceeding, p. 399-405.
ISSN 1843- 5807.
www.fmet.ugal.ro/sesiuni_stiintifice
- 2009: Alina Ciubotariu, Lidia Benea, Wolfgang Sand;
Combined AFM and EFM for visualization of sulphate reducing bacteria on thermosetting resin / Zn composite coatings.
105 Lucrare prezentata oral la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO. Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press. ISBN: 978-606-8003-30-1.
- 2009: Lidia Benea, Alina Ciubotariu, Wolfgang Sand, Bernard Tribollet;
Materials characteristics influencing biofilm formation and growth.
104 Lucrare prezentata oral la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO. Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press. ISBN: 978-606-8003-30-1.
- 2009: L. Benea ; **COST D33 - WG1 activity report.**
103 Lucrare prezentata oral la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO. Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press. ISBN 978-606-8003-30-1.
- 2009: Lidia Benea, Marilena Mardare, Paula Cojocaru, Remus Mihaila;
ZrO₂/Co New functional bio composite coatings.
102 Lucrare prezentata poster la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO. Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press. ISBN: ISBN: 978-606-8003-30-1.
- 2009: Marilena Mardare, Lidia Benea, Paula Cojocaru;
Influence of UHMWPE/Co composite coatings on biofilm formation, biocompatibility and degradation.
101 Lucrare prezentata poster la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO. Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press. ISBN: 978-606-8003-30-1.
- 100 2009: Lidia Benea, Simona-F. Sorcaru, Pierre Ponthiaux;

Nano-composite coatings – functional surfaces in decreasing the bacterial adhesion - surface study.

Lucrare prezentata poster la COST D33 - Nanoscale Electrochemical and Bioprocesses (Corrosion) at Solid-aqueous Interfaces of Industrial Materials; International Final Workshop, May 13th 2009 – May 15th 2009, Cluj-Napoca RO.

Published in DVD Proceeding COST D33 Final Workshop, 2009, Ed. Galati University Press.

ISBN: 978-606-8003-30-1

- 2008: Lidia BENEÀ, François WENGER, Jean Pierre CELIS, Pierre PONTIAUX
Electrochemical methods in investigation the tribocorrosion processes of passivable materials.
99 **Book of Abstracts: International Conference on Corrosion and Modern Technologies in the Military - ICCMTM 2008 -November 5 - 8, 2008, Bucharest - Brasov, Romania** ICCMTM 2008, 5 - 8 Nov. 2008 Bucharest, Romania
http://www.iccmtm2008.itc.ro/Programme_ICCMTM_2008.pdf

- 2008: Geta CARAC, Lidia BENEÀ, Denny THIEMIG, Andreas BUND
Cobalt composite coatings with lanthanide oxides - correlation between structure and properties
98 **Book of Abstracts: International Conference on Corrosion and Modern Technologies in the Military - ICCMTM 2008 -November 5 - 8, 2008, Bucharest - Brasov, Romania** ICCMTM 2008, 5 - 8 Nov. 2008 Bucharest, Romania
http://www.iccmtm2008.itc.ro/Programme_ICCMTM_2008.pdf

- 2008: Alina – Crina CIUBOTARIU, Lidia BENEÀ, Olga MITORERIU, Pierre PONTIAUX, François WENGER
Influence of current density on the corrosion behaviour of phenol–formaldehyde / Zn composite coatings obtained by electrodeposition.
97 **Book of Abstracts: International Conference on Corrosion and Modern Technologies in the Military - ICCMTM 2008 -November 5 - 8, 2008, Bucharest - Brasov, Romania** ICCMTM 2008, 5 - 8 Nov. 2008 Bucharest, Romania
http://www.iccmtm2008.itc.ro/Programme_ICCMTM_2008.pdf

- 2008: Alina Crina CIUBOTARIU, Lidia BENEÀ, Wolfgang SAND.
Combined Atomic Force and Epifluorescence Microscopy for visualization of sulphate reducing bacteria on SiC / Ni composite coatings.
Session 8
96 **Book of Abstracts: International Conference on Corrosion and Modern Technologies in the Military - ICCMTM 2008 -November 5 - 8, 2008, Bucharest - Brasov, Romania** ICCMTM 2008, 5 - 8 Nov. 2008 Bucharest, Romania
http://www.iccmtm2008.itc.ro/Programme_ICCMTM_2008.pdf

- 2008: Lidia Benea, B. Tribollet, Wenger Sand, François Wenger, Pierre Ponthiaux.
Factors influencing the bacteria attachments and biofilm formation on surface of materials
95 CD Proceeding Volume of COST D33 - 2nd Workshop: “Nanoscale Electrochemical and Bio-Processes (Corrosion) at Solid-Aqueous Interfaces of Industrial Materials” OBERNAI (Bas-Rhin)– FRANCE 2008.

- 2008: L. Benea, B. Tribollet, Mardare Marinela.
Effect of nano sized SiC particles on the electrochemical corrosion behaviour of nickel coatings.
94 CD Proceeding Volume of COST D33 Poster presentation la **COST D33 - 2nd Workshop: “Nanoscale Electrochemical and Bio-Processes (Corrosion) at Solid-Aqueous Interfaces of Industrial Materials”** OBERNAI (Bas-Rhin)– FRANCE May 14th 2008 – May 15th 2008.

- 2008: Lidia Benea:
10h15-10h20 Introduction of WG1.
93 CD Proceeding Volume of COST D33 Oral presentation la **COST D33 - 2nd Workshop: “Nanoscale Electrochemical and Bio-Processes (Corrosion) at Solid-Aqueous Interfaces of Industrial Materials”**

OBERNAI (Bas-Rhin)– FRANCE May 14th 2008 – May 15th 2008.

- 2008: P-2-144; A.C. Ciubotariu, L. Benea, O. Mitoseriu, P. Ponthiaux, F. Wenger;
STRUCTURAL MODIFICATION OF ZINC ELECTROPLATING BY ADDING PHENOL-RESIN DURING ELECTRODEPOSITION ;
92 **Proceeding Volume RSE-SEE: First Regional Symposium on Electrochemistry of South-East Europe** Crveni Otok, Rovinj, Istria, Croatia, May 4-8, 2008.
www.rse-see.net/First_RSE-SEE_Abstract_Collection

- 2008: O-3-53 L. Benea, G. Cârăc.
ELECTROCHEMICAL AND STRUCTURAL STUDIES OF NANO- AND MICRO – STRUCTURED SiC-Ni COMPOSITE COATINGS;
91 **Proceeding Volume: RSE-SEE: First Regional Symposium on Electrochemistry of South-East Europe** Crveni Otok, Rovinj, Istria, Croatia, May 4-8, 2008.
www.rse-see.net/First_RSE-SEE_Abstract_Collection

- 2008: O-2-41 L. Benea.
ELECTROCHEMICAL METHODS TO STUDY THE TRIBOCORROSION PROCESSES.
90 **Proceeding Volume: RSE-SEE: First Regional Symposium on Electrochemistry of South-East Europe** Crveni Otok, Rovinj, Istria, Croatia, May 4-8, 2008.
www.rse-see.net/First_RSE-SEE_Abstract_Collection

- 2007: Lidia Benea, F. Wenger, J.P. Celis, P.L. Bonora, M. L-Varsanyi.
Tribocorrosion systems: processing and properties investigation.
89 COST Action 532 Stintific Final Report Triboscience and tribotechnology superior friction and wear control in engines and transmissions, p. 69-79, Edited by COST-ESF-Materials, Physical and Nanosciences. Period: from Dec.2001 to March 2007, Version 1.0/31.7.2007 (carte)
ISBN 978-92-898-0040-2.

- 2006: Lidia Benea, V. Iordache, François Wenger, P. Ponthiaux, Jean Pierre Celis
85 **Tribo-corrosion behaviour of silicon carbide – nickel nanostructured coatings in pin-on-disk systems**
Proceeding of Eurocorr 2006, 25 to 28 September 2006, Maastricht, Paysbas, Olanda.
EUROCORR 2006 "Reliability Management of Technical Systems" EFC Event No. 280.

- 2006: Lidia Benea, Geta Carac, Alina Ciubotariu, Magda Lakatos-Varsanyi
84 **Nano- and Micro - Structured Composite Coatings SiC-Nickel: Electrochemical and Structural Studies**
Proceeding Congresul International al Societății Internationale de Electrochimie, 57th Annual Meeting of the International Society of Electrochemistry, organizat la Heriot-Watt University in Edinburgh, UK, 2006, S4-P-11.

- 2006: Lidia Benea, François Wenger, Pierre Ponthiaux
83 **Repassivation Kinetics of Cobalt Chromium Alloy in Aqueous Solution**
Proceeding Congresul International al Societății Internationale de Electrochimie, 57th Annual Meeting of the International Society of Electrochemistry, organizat la Heriot-Watt University in Edinburgh, UK, 2006, S9 –P-9.

- 2006: Lidia Benea, Geta Carac
82 **Dispersed Nano and Micro Structured Composite Coatings Obtained by Codeposition of Ceramic Particles with Nickel**
Proceeding Simpozion International - 6th International Symposium on Electrochemical Micro & Nano System Technologies, EMNT 2006, Max-Planck-Institut für Eisenforschung, Düsseldorf, Germany, p.33.
www.192.12.81.124/index.php?id=88

- 2006: Lidia Benea
Aspects of micro and nanocorrosion in tribocorrosion processes
81 Proceeding Volume of 6th International Symposium on Electrochemical Micro & Nano System Technologies, EMNT 2006, Max-Planck-Institut für Eisenforschung, Düsseldorf, Germany, p.77.
www.192.12.81.124/index.php?id=92
- 2006: Lidia Benea, François Wenger, Pierre Ponthiaux
Repassivation kinetics of cobalt chromium alloy in boric acid solution
80 CD ROM Proceeding of EMCR 2006 -Electrochemical methods in corrosion research, 18 – 23 June 2006, Dourdan, Franta, ISBN 972-7863-01-1. ISBN 972-7863-01-1
www.ise-online.org/sponsmeet/past_sponsered_events
- 2006: L. Benea, F. Wenger, P. Ponthiaux, J.P. Celis.
Improved hardness and tribocorrosion properties of nickel coatings by co-depositing ZrO₂ particles during electroplating process.
79 ARTCAST 2006.
Lucarile simpozionului international: Turnatoria de la rigoarea tehnicii la arta. Galati 4-5 mai 2006. p 306-315.
Ed Academica 2006, ISBN: 973-8937-00-0; SBN: 978-973-8937-00-0.
- 2005: L. Benea, V. Iordache, F. Wenger, P. Ponthiaux;
Tribocorrosion study of nanostructured SiC-Ni composite coatings.
78 Proceeding of NIST - International Conference "Integrated Engineering Surface Technology for Engine Applications" organized jointly by US NIST (USA -National Science Foundation) and COST-ESF (European Science Foundation), in perioada 12-15 October 2005, la Porto – Portugalia. 2005, pp.179-187.
ISBN 972-8953-01-1.
- 2005: Lidia Benea, Viorel Iordache, François Wenger², Pierre Ponthiaux
Nanostructured SiC-Ni composite coatings obtained by electrodeposition – A Tribocorrosion study
77 Prezentată și publicată în volumul Conferinței Științifice UgalMat 2005 – Tehnologii și Materiale Avansate, din perioada 20-22 octombrie 2005, ISBN 973-627-238-9.
- 2005: Lidia BENEÀ.
Metode electrochimice in-situ pentru studiul interfetei metal/soluție în procesele de tribocoroziune.
76 CD Proceeding: Lucrarile celui de al VIII-lea simpozion de chimia coloizilor și suprafețelor (VIII SCCS 2005). 2-4 iunie 2005, Galati.
Ed Academica, ISBN 973-8316-84-7.
- 2005: Lidia BENEÀ, Alina-Crina CIUBOTARIU, Magda LAKATOS-VARSANY.
Improved Corrosion Resistance through Micro and Nano-Structural Modifications induced by Codepositing Ceramic Particles with Nickel.
75 Proceeding Volume of COST D19 Nano-Chemistry Workshop – Chemical Functionality to the Nanometer Scale, Istanbul - Turcia, September 1 to 5, 2005, p 38.
Edited ESF-COST, Pof. A. Levent Demirel.
- 2005: Lidia BENEÀ, Geta CARAC
Electrochemical and Structural Aspects of Dispersed Micro- and Nano- Sized SiC Particles Codeposition with Nickel.
74 Proceeding Volume of COST D19 Nano-Chemistry Workshop – Chemical Functionality to the Nanometer Scale, Istanbul - Turcia, September 1 to 5, 2005, p 33.
Edited ESF-COST, Pof. A. Levent Demirel.
- 2005: Geta CÂRÂC, Lidia BENEÀ, Catalina ITICESCU, Pier Luigi BONORA, Erika KALMAN
Electrochemical study of Al₂O₃ nanoparticles codeposition in the nickel matrix.
73

Proceeding Volume of COST D19 Nano-Chemistry Workshop – Chemical Functionality to the Nanometer Scale, Istanbul - Turcia, September 1 to 5, 2005, p 37.
Edited ESF-COST, Prof. A. Levent Demirel.

2004: F. Wenger, P. Ponthiaux, L. Benea, J. Peybernès.

Tribocorrosion of Stellite 6 alloy: mechanism of the electrochemical reactions

- 72 CD ROM Proceeding EUROCORR 2004 – Long term prediction & Modeling of Corrosion, Nice, Franta, 12-16 septembrie 2004. European Federation of Corrosion (EFC)

2004: A. Berradja, Felicia Bratu, L. Benea, G. Willems, Jean Pierre Celis

Effect of sliding wear on tribocorrosion behavior of stainless steel materials in a Ringer's solution

- 71 CD ROM Proceeding EUROCORR 2004 – Long term prediction & Modeling of Corrosion, Nice, Franta, 12-16 septembrie 2004.
European Federation of Corrosion (EFC).

2004: Lidia Benea

Nanostructured composite coatings obtained by electrodeposition

- 70 Volumul NanoChemistry Workshop 2004, Darmstadt 18/06/04-20/06/04, organizat in cadrul proiectului european COST D19-Chemical Functionality to the nanometer scale. p. 19.
Edited: ESF-COST, Prof. R. Hillman.

2003: Lidia Benea, Magda Lakatos-Varsanyi, George Maurin

The Electrolytic Co-deposition of Zirconium Oxide Particles with Nickel.

- 69 CD Proceeding Volume of "Conferinta Nationala de Tehnologii si Materiale Avansate" cu participare internationala, organizata de Universitatea "Dunarea de Jos" din Galati, Facultatea de Metalurgie si Stiinta Materialelelor, Centrul de Cercetare pentru Calitatea Materialelelor si a Mediului, 20-22 Noiembrie 2003, Galati, Romania, p. 76-84; ISBN: 973-627-066-1.

2003: Pier Luigi Bonora, Lidia Benea, François Wenger, Alberto Borello, Stefano Martelli, Pierre Ponthiaux.

Tribocorrosion Aspects of Nano - Structured SiC – Nickel Composite Coatings.

- 68 CD Proceeding Volume of "Conferinta Nationala de Tehnologii si Materiale Avansate" cu participare internationala, organizata de Universitatea "Dunarea de Jos" din Galati, Facultatea de Metalurgie si Stiinta Materialelelor, Centrul de Cercetare pentru Calitatea Materialelelor si a Mediului, 20-22 Noiembrie 2003, Galati, Romania, p. 65-75; ISBN: ISBN: 973-627-066-1.

2003: Lidia Benea, Pier Luigi Bonora, Lucian Georgescu, Geta Carac, Catherine Dagbert, Isabelle Dupont.

Few aspects of marine bio corrosion of Nano structured SiC - nickel composite coatings.

- 67 CD Proceeding Volume of "Conferinta Nationala de Tehnologii si Materiale Avansate" cu participare internationala, organizata de Universitatea "Dunarea de Jos" din Galati, Facultatea de Metalurgie si Stiinta Materialelelor, Centrul de Cercetare pentru Calitatea Materialelelor si a Mediului, 20-22 Noiembrie 2003, Galati, Romania, ISBN: ISBN: 973-627-066-1.

2003: Felicia Bratu, Lidia Benea.

Cercetări privind comportarea la coroziune a aliajului de aluminiu as7g06.

- 66 CD Proceeding Volume of "Conferinta Nationala de Tehnologii si Materiale Avansate" cu participare internationala, organizata de Universitatea "Dunarea de Jos" din Galati, Facultatea de Metalurgie si Stiinta Materialelelor, Centrul de Cercetare pentru Calitatea Materialelelor si a Mediului, 20-22 Noiembrie 2003, Galati, Romania, p. 59-64; ISBN: ISBN: 973-627-066-1.

2003: Alina Muresan, Lidia Benea, and Pier Luigi Bonora.

Electrochemical CORROSION studies of X60 carbon steel using electrochemical impedance spectroscopy

65

and potentiodynamic methods.

CD Proceeding Volume of "Conferinta Nationala de Tehnologii si Materiale Avansate" cu participare internationala, organizata de Universitatea "Dunarea de Jos" din Galati, Facultatea de Metalurgie si Stiinta Materialeilor, Centrul de Cercetare pentru Calitatea Materialeilor si a Mediului, 20-22 Noiembrie 2003, Galati, Romania, p. 108-117; ISBN: ISBN: 973-627-066-1.

- 64 **2003: Lidia Benea**, François Wenger, Pierre Ponthiaux, Pier Luigi Bonora **Tribocorrosion Aspects of Modified Surfaces by Nano- and Micro- Structured Composite Coatings Materials: Tribocorrosion Aspects of Co-Cr Alloy as Hard Facing Coating Material**

CD-ROM Proceeding of EUROCORR-2003, Budapest, Hungary, September 28 – October 2, 2003.
Edited: European Federation of Corrosion (EFC).

- 63 **2003: G. Cârâc, L. Benea**, C. Iticescu, T. Lampke, S. Steinhäuser. **Correlation between Structure and Properties of Functionally Modified Surfaces by Codeposition of CeO₂ with Ni and Co.** CD-ROM Proceeding of EUROCORR-2003, Budapest, Hungary, September 28 – October 2, 2003.
Edited: European Federation of Corrosion (EFC).

- 62 **2002: Lidia Benea**, Geta Carac, Pier Luigi Bonora, Francois Wenger, Pierre Ponthiaux and Jacques Galland. **Nanostructured composite coatings and marine biocorrosion.**
Proceeding Volume: 1st International Conference "Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids" ("Studiul si controlul coroziunii in perspectiva dezvoltarii durabile a retelelor de distributie a utilitatilor urbane" care a avut loc la Constanta in perioada 6 - 8 iunie 2002, p. 193-197, ISBN: 973-95041-3-2.

- 61 **2002: Pierre Ponthiaux, François Wenger, Dirk Drees, Jean Pierre Celis, Lidia Benea.**
Apport de l'électrochimie à une meilleure compréhension des mécanismes de tribocorrosion
CD-ROM Proceeding Volume: Matériaux 2002, De la conception a la mise en oeuvre, Colloque 5, 21-25 Octobre, 2002, TOURS, France.
Ed: Univesite Tours, France

- 60 **2002: Lidia Benea**, Pier Luigi Bonora, François Wenger³, Pierre Ponthiaux, Jacques Galland.
Processing and Properties of Electrodeposited Composite Coatings: Results and Perspectives
CD-rom Proceeding Volume: 15TH International Corrosion Congress -Frontiers in Corrosion Science and Technology, Granada, Spania, 22-27 Septembrie 2002.

- 59 **2002: Lidia Benea**, Pierre Ponthiaux, François Wenger, J. Galland, D. Hertz, J. Y. Malo.
Tribocorrosion of stellite 6 in sulfuric acid medium :electrochemical behaviour and wear
CD-rom Proceeding Volume: 15TH International Corrosion Congress -Frontiers in Corrosion Science and Technology, Granada, Spania, 22-27 Septembrie 2002.

- 58 **2002: Lidia Benea**, Geta Cârâc, Pier Luigi Bonora.
Biological marine corrosion of SiC-Ni nano-structured coatings
CD Proceeding Volume of COST 520 BIOFOULING AND MATERIALS, Workshops, Swedish Corrosion Institute, Stockholm, 10-13 Martie 2002.
Edited ESF-COST, Rolf Grubner.

- 57 **2002: François Wenger, Lidia Benea** and Jacques Galland.
Use of electrochemical methods for the monitoring of steel corrosion in concrete
Proceeding Volume of COST 521 CORROSION OF STEEL IN REINFORCED STRUCTURES, published at Final Workshop 18-19 February 2002, Luxembourg, Final Reports of Single Projects 1997-2002, Working Group A2, p. 149-157.

- 2002: **Lidia Benea**, GETA CARAC, François Wenger, Jacques Galland.
Comparative corrosion studies of Zn-Fe alloy and Zn coating on steel for reinforcing structures
56 Proceeding Volume of COST 521 CORROSION OF STEEL IN REINFORCED STRUCTURES, published at Final Workshop 18-19 February 2002, Luxembourg, Final Reports of Single Projects 1997-2002, Working Group A2, p. 45-51.
- 2001: **Lidia Benea**, P. L. Bonora, A. Borello, S. Martelli, F. Wenger, P. Ponthiaux and J. Galland.
Wear Corrosion Study of Nanostructured Composite Coatings Obtained by Electroplating
55 Proceeding Volume: Corrosion and Corrosion Protection, Edited by J. D. Sinclair, E. Kalman, M. W. Kendig, W. Plieth, W. H. Smyrl, PV 2001-22, San Francisco, 2001, p. 851-863, ISBN: 1-56677-355-5.
- 2001: **Lidia Benea**, Pier Luigi Bonora, Alberto Borello, Stefano Martelli, François Wenger, Pierre Ponthiaux, Jacques Galland.
Comparative wear corrosion study of nanostructured and microstructured composite coatings obtained by electrodeposition
54 Proceeding Volume of The 200th Meeting of the Electrochemical Society and The 52nd Meeting of the International Society of Electrochemistry (2001 Joint International Meeting), San Francisco, USA, September 2-7, 2001, Meeting Abstracts, ISBN 1-56677-362-8, Abstract No. 538, 2001.
- 2001: **Lidia Benea**, Pier Luigi Bonora, Alberto Borello, Stefano Martelli, François Wenger, Pierre Ponthiaux, Jacques Galland.
Nanocomposite electroplating: Electrochemical aspects, structure and properties
53 Proceeding Volume of The 200th Meeting of the Electrochemical Society and The 52nd Meeting of the International Society of Electrochemistry (2001 Joint International Meeting), San Francisco, USA, September 2-7, 2001, Meeting Abstracts, ISBN 1-56677-362-8, Abstract No. 729, 2001.
- 2001: **Lidia Benea**, Pier Luigi Bonora, Alberto Borello, Stefano Martelli, François Wenger, Pierre Ponthiaux, Jacques Galland.
EIS to study the SiC nanocrystals co-deposition with nickel and composite properties investigations
52 Proceeding Volume of 5th International Symposium on Electrochemical Impedance Spectroscopy, Marileva (Tn) Italy, 17-22 June 2001, Abstract, p. 195
- 2001: François Wenger, **Lidia Benea**, and Jacques Galland.
Corrosion of Steel in Reinforced Concrete Structure
51 Annual Progress Report, Proceeding Volume of the 2001 Workshop COST 521, Working Group B2, Tampere Finland, 17 – 20 June, 2001, pp. 111-115.
- 2000: **Lidia Benea**, P. L. Bonora, A. Borello, S. Martelli, G. Maurin
Composite electrodeposition to obtain nano-structured coatings
50 Proceeding Volume of International Symposium on Soft Solution Processing (SSP-2000), Tokyo Institute of Technology, Japan, December 5-12, 2000, Book of Abstracts.
- 2000: **Lidia Benea**, Pier Luigi Bonora, Alberto Borello, Stefano Martelli
Effect of SiC Size dimensions on the Corrosion wear resistance of the electrodeposited composite coatings.
49 EUROCORR 2000, London, UK 10 - 14 September 2000, "Past Successes - Future Challenges", EFC Event No. 235. EUROCORR 2000, The International Corrosion Congress, CD-ROM Proceeding, Topic 14 Coatings, 2000.
- 2000: **Lidia Benea**, Pier Luigi Bonora, Alberto Borello, Stefano Martelli, G. Maurin.
Wear-corrosion behaviour of nano-structured SiC – nickel composite coating.
48 Proceedings Volume of 3rd Kurt Schwabe Corrosion Symposium, (KSCS 2000), Zakopane, Poland, August 30 – September 2, 2000, p. 291-298.

- 2000: Lidia Benea, O. Dossenbach, F. Wenger, P. Ponthiaux and J. Galland.
Composite Coatings with Zirconium Oxide as Dispersed Phase and their Anticorrosion Properties
47 Proceeding Volume of European Federation of Corrosion Publications, Number 28, ELECTROCHEMICAL APPROACH TO SELECTED CORROSION AND CORROSION CONTROL STUDIES, ISBN 1-86125-110-6, Ed. IOM Communications 2000, p. 214-223.
- 2000: Lidia Benea
Some Aspects in Obtaining and Properties of Zirconia/Metal Composite Coatings
46 Proceeding Volume of The 197th Meeting of The Electrochemical Society, The Sheraton Centre Toronto, Canada, May 14-18, 2000, Meeting Book of Abstracts, ISBN 1-56677-282-6, Abstract N°. 331, 2000.
- 2000: Lidia Benea, Pier Luigi Bonora, Alberto Borello Stefano Martelli, G. Maurin
Electrodeposition of SiC nano crystals with nickel
45 Proceeding Volume of The 197th Meeting of The Electrochemical Society, The Sheraton Centre Toronto, Canada, May 14-18, 2000, Meeting Book of Abstracts, ISBN 1-56677-282-6, Abstract N°. 328, 2000.
- 1999: L. BENEÀ, J. GALLAND, P. PONTTHIAUX, F. WENGER, P.L. BONORA; O. DOSSENBACH
„Metal ceramic composite coatings obtained by electrodeposition“
44 EUROCOAT 99, Traitements de surfaces, Double liaison, N° 510, p. 78-79, 1999.
- 1999: LIDIA BENEÀ, OLGA MITOSERIU, J. GALLAND, F. WENGER, P. PONTTHIAUX.
“Corrosion study of copper composite coating by the impedance spectroscopy method”
43 Proceeding of EUROCORR'99, The European Corrosion Congress, Full paper on CD-ROM, Section Coatings, Paper Nr. 13, 30August- 2 September 1999, Aachen, Germany.
- 1999: LIDIA BENEÀ, FRANÇOIS WENGER AND JACQUES GALLAND
“Corrosion study of concrete reinforcing steel by electrochemical methods”
42 14th INTERNATIONAL CORROSION CONGRESS, CD-ROM Proceeding.
ISBN 0-620-23043-3, 1999, 7 pagini.
- 1999: L. BENEÀ, O. DOSSENBACH, F. WENGER, P. PONTTHIAUX AND J. GALLAND.
“Composite Coatings with Zirconium Oxide as Dispersed Phase and their Anticorrosion Properties”
41 *Proceeding of 50th International Society of Electrochemistry (ISE) Meeting*, CD-ROM Abstracts, Symposium 7, 5-10 September 1999, Pavia Italy, p. 365.
- 1999: Lidia BENEÀ, Georges MAURIN and Otmar DOSSENBACH
“Nickel Zirconia Composite Coatings as Electrode Material for Water Electrolysis”
40 Proceeding of 50th International Society of Electrochemistry (ISE Meeting), CD-ROM Abstracts, Symposium 8, 5-10 September 1999, Pavia, Italy, p. 364.
- 1998: F. Wenger, Lidia Benea, J. Galland
Contrôle de la corrosion des armatures: Mesures de la résistance de polarisation ou mesures d'impédance électrochimique
39 Journées d'étude Diagnostic des Ouvrages en Béton Armé CEFACOR, 12-13 octobre 1998.
- 1998: Lidia Benea
Comparative corrosion studies of composite coatings obtained by electrodeposition
38

CD Proceedings Volume of **EUROCORR'98**, THE EUROPEAN CORROSION CONGRESS, event no 221 "SOLUTIONS TO CORROSION PROBLEMS", 28th September – 1st October **1998**, Jaarbeus Congress Centre, Utrecht, The Netherlands, Paper no 0206, 7 pagini.

- 37 **1998: Lidia Benea**, François Wenger, J. Galland and T. Visan
A study of the reinforcement concrete steel by using the electrochemical methods of impedance spectroscopy and linear polarisation
Proceedings Volume of EUROCORR'98, THE EUROPEAN CORROSION CONGRESS, event no 221 "SOLUTIONS TO CORROSION PROBLEMS", 28th September – 1st October 1998, Jaarbeus Congress Centre, Utrecht, The Netherlands, Paper no 00138, 7pagini.

- 36 **1998: Lidia Benea**, Otmar Dossenbach, Maria Paraschiv, V. Munteanu
Electrodeposition of disperse particles in a zinc matrix
International Society of Electrochemistry, 49th Annual Meeting, EXTENDED ABSTRACTS, ISBN 4-9980685-0-4, Kitakyushu, Japan, September 13-14, 1998, P-8-14-13.

- 35 **1998: Lidia Benea**, Francois Wenger and Jacques Galland
Corrosion study of concrete reinforcing steel by electrochemical methods
Proceeding Volume of International Society of Electrochemistry, 49th Annual Meeting, EXTENDED ABSTRACTS, ISBN 4-9980685-0-4, Kitakyushu, Japan, September 13-14, 1998, I-8-17-8, p.552.

- 34 **1998: Lidia Benea**, Georges Maurin and Magda Lakatos Varsanyi
Electrochemical aspects of zirconia particles codeposition in a nickel matrix
Proceeding Volume of International Society of Electrochemistry, 49th Annual Meeting, EXTENDED ABSTRACTS, ISBN 4-9980685-0-4, Kitakyushu, Japan, September 13-14, 1998, P-6a-14-7, p.448.

- 33 **1998: Geta Carac**, Wolfgang Schneider, **Lidia Benea**
Comparative Study of Composite and Pure Nickel Coatings Obtained by Electrodeposition"
Proceeding Volume of International Society of Electrochemistry, 49th Annual Meeting, EXTENDED ABSTRACTS, ISBN 4-9980685-0-4, Kitakyushu, Japan, September 13-14, 1998, I-11-18-12, p. 577.

- 32 **1998: Lidia Benea**
Some aspects of corrosion behaviour of copper and copper zirconia composite coatings
Proceeding Volume of International Symposium Electrochemistry at the turn of XX Century: Industry, Bio- and Surface Science, Cracow, May 24th –27th 1998, Polish Academy of Sciences, Institute of Catalysis and Surface Chemistry, 1998.

- 31 **1998: Tamara Radu**, **Lidia Benea**, O. Dossenbach, Florentina Potecasu
Study of zinc-iron alloy coatings obtained by the heat treatment applied to hot zinc-plated steel strip
Proceedings Volume of EUROMAT'98, Portugal, Lisbon, 22-25 of July, p. 509-511, 1998.

- 30 **1998: Lidia Benea**, Francois Wenger and Jacques Galland
Corrosion study of Concrete Reinforcing Steel by Electrochemical Methods
Proceedings Volume of EUROMAT'98, Portugal, Lisbon, 22-25 of July, p. 181-189, 1998.

- 29 **1998: Lidia Benea**
Comparative corrosion study of metal coatings and metal matrix composite coatings
PROCEEDINGS OF THE SYMPOSIUM ON PASSIVITY AND ITS BREAKDOWN, Book Series: ELECTROCHEMICAL SOCIETY SERIES, Volume: 97 Issue: 26 Pages: 990-1000, Published: 1998. ISSN 1-56677-179-X

- 28 **1997: Lidia Benea**, Magda Lakatos Varsanyi and V. Munteanu.

Comparative Corrosion Study of Copper Zirconia and pure Copper Coatings Obtained by Electroplating"

Book of Abstracts edited at the 3. Electrochemisches Grundlagensymposiumm in Verbindung mit dem 2.Kurt - Schwabe Symposium, 17 - 19 of april 1997, P6-09, Dresden , Germany.

- 1997: Lidia Benea, Magda Lakatos Varsanyi
27 **New materials coatings obtained by codeposition of inert particles with metals.**
CHIMIA Nr. 7, 1997, Geneva, p. 408.
- 1997: Lidia Benea, Magda Lakatos Varsanyi.
26 **Composite Coatings obtained by Electrodeposition of Insoluble particles with Metals**
THE 1997 JOINT INTERNATIONAL MEETING (The Electrochemical Society and The International Society of Electrochemistry), 31 august - 5 septembre, Paris, 1997, Meeting Book of Abstracts: Abstracts No: 423, p. 641.
- 1997: Lidia Benea, Olga Mitoşeriu, Laura Sziraki
25 **Comparative Corrosion Study of Metal Coatings and Metal Matrix Composite Coatings.**
THE 1997 JOINT INTERNATIONAL MEETING (The Electrochemical Society and The International Society of Electrochemistry), 31 august - 5 septembre, Paris, 1997, Meeting Book of Abstracts: Abstracts No: 534, p. 516.
- 1997: Geta Cârâc Lidia Benea, Olga Mitoşeriu
24 **Application of the Rare Earth Oxides in the Composite Layers Electrodeposition**
THE 1997 JOINT INTERNATIONAL MEETING (The Electrochemical Society and The International Society of Electrochemistry), 31 august - 5 September, Paris, 1997, Meeting Book of Abstracts: Abstract No: 532, p. 639.
- 1997: Lidia Benea
23 **Couches composites obtenues par electrodeposition. Etude comparative avec les depots des metaux purs**
Proceeding Volume of JOURNEES d'ELECTROCHIMIE 1997, 2-5 Juillet, Montreal, Canada, CA20-30.
- 1997: Lidia Benea
22 **Electrodepuneri compozite. Realizari – Perspective**
Volumul "ECOLOGIE-ACOPERIRI METALICE-COROZIUNE", 1997, Editura Tehnica, TCMM, Vol. 25, p.107-124, ISSN 973-31-1113-9
- 1997: Lidia Benea
21 **Codepunerea particulelor ceramice de ZrO₂ si SiC în matrice de nichel**
Volumul "TEHNOLOGII NOVATIVE PREZENT SI PERSPECTIVE", 1997, Editura Tehnica, TCMM, Vol. 32, p.183-198.
ISSN 973-31-1113-9
- 1996: Lidia Benea, Magda Lakatos Varsanyi and Geta Cârâc.
20 **„Electrodeposition of Disperse Particles with Metals”.**
Volum de Rezumate editat la a 8-a Conferinta de Chimie Fizica , Academia Romana, Bucuresti, 25-27 Septembrie 1996.
- 1996: Lidia Benea , Olga Mitoseriu.
19 **Electrodeposition of Disperse Particles with Metals**
Volumul selectiv cu ocazia sesiunii stiintifice internationale “Electrochemistry a Frontier Field of Theoretical and Practical Interest” 31 octombrie - 3 noiembrie, Cluj - Napoca. Book of Abstracts p. 55, (1996).
- 1993: Olga Mitoseriu; Lidia Benea; Elena Drugescu; Florentina Potecasu.
18 **Cercetari privind depunerea unor materiale compozite pe suport metalic.**
Volumul Selectiv: Noutati în domeniul tehnologiilor si utilajelor pentru prelucrarea la cald a materialelor Vol.V - Materiale amorfe , compozite si metalurgia pulberilor editat cu ocazia Sesiunii Stiintifice organizata de Universitatea

"Transilvania " Brasov în perioada 29- 30 aprilie, p. 97-103, 1993.

- 1993: Florea Oprea; Olga Mitoseriu; Elena Drugescu; **Lidia Benea**, Florentina Potecasu.
Compozite în matrice de nichel cu faza dispersa - carbura de bor, obținute prin electrodepunere pe suport metalic.
17 Volumul selectiv: 45 de ani de Invatamânt Superior in Galati , 28-30 octombrie, Galati , vol. I. - Stiinta Materialelor, p. 72-79, (1993).
- 1993: Olga Mitoseriu; Maria Popescu; **Lidia Benea**, Elena Drugescu; O.Potecasu; Florentina Potecasu.
Aspecte ale coroziunii aliajelor Cu-Ni în apa de mare Partea I-Influenta compozitiei chimice asupra comportarii aliajelor Cu-Ni la coroziune în apa de mare.
16 Volumul selectiv: 45 de ani de Invatamant Superior in Galati , 28-30 octombrie, Galati , vol. I. - Stiinta Materialelor, p. 174-181 (1993).
- 1993: E. Drugescu; F. Potecasu; O.Potecasu; O. Mitoseriu; M. Popescu; **Lidia Benea**.
Aspecte ale coroziunii aliajelor Cu-Ni în apa de mare . Partea II-a: Influența structurii asupra asupra comportării la coroziune în apa de mare a aliajelor Cu-Ni”.
15 Volumul selectiv: 45 de ani de Invatamant Superior in Galati , 28-30 octombrie, Galati , vol. I. - Stiinta Materialelor, p. 181-197 (1993).
- 1993: Olga Mitoseriu; **Lidia Benea (Enache)**; Geta Cârâc.
Cresterea rezistentei la coroziune a straturilor metalice prin codepunere de particule disperse din oxizi si amestecuri de oxizi.
14 Volumul selectiv: 45 de ani de Invatamant Superior in Galati , 28-30 octombrie, Galati , vol. I. - Stiinta Materialelor, p. 187-193 (1993).
- 1993: **Lidia Benea (Enache)**; O. Mitoseriu, F. Potecasu.
Compozite cu grafit în strat-uri multiple prin electrodepunere în matrice de nichel.
13 Volumul selectiv: 45 de ani de Invatamant Superior in Galati , 28-30 octombrie, Galati , vol. I. - Stiinta Materialelor, p. 195-202 (1993).
- 1992: **Lidia Benea**, Olga Mitoseriu.
Cercetări privind rezistența la coroziune a peliculelor protectoare în sisteme metalice.
12 Volumul selectiv editat la Lucrarile Conferintei Nationale -Prevenirea si Protectia Anticoroziiva a Constructiilor Metalice, 6 iunie 1992, pag. 185-190 (1992).
- Lidia Benea**; I. Ovesea ; Olga Mitoseriu; Viorica Bujoreanu.
Cercetari privind electrodepunerea straturilor subtiri de crom pe benzi din otel laminat la rece.
11 Volumul selectiv editat la Al II-lea Congres de Chimie organizat în perioada 21-24 septembrie 1988 la Bucuresti, p. 603 si 604 (1988).
- 1987: I. Ovesea ; **Lidia Benea**; C. Sandu; I. Mihalcea.
Cercetări privind zincarea cu aspect lucios și pasivizare a benzilor înguste, subțiri, pe instalația pilot.
10 Buletin Informativ ICPPAM, nr.4 din 1987 pag.1-7 (1987).
- 1987: M. Tudosoiu, **Lidia Benea**, C. Sandu.
Tehnologie de acoperire a benzilor din cupru cu aliaj plumb- staniu.
9 Buletin Informativ ICPPAM nr. 3 din 1987 p.1-8 (1987)
- 1987: E. Dulea; **Lidia Benea** ; G. Dragomir.
Tehnologie de asimilare a schimbatoarelor de caldura necesare sectiei oxigen.
8

Buletinul Informativ ICCPAM nr. 2 din 1987 la pag. 1-7 (1987).

1986: Olga Mitoseriu; Lidia Benea; Viorica Bujoreanu.

7 **Reactivi selectivi pentru determinarea mercurului din apele poluate.**

Volumul selectiv din septembrie 1986 la a III-a editie a Congresului Zilele Balcanice ale Chimiei, pag. 366 (1986).

1986: I. Ovesea; Lidia Benea; Olga Mitoseriu.

6 **Influența calității suprafeții benzii de oțel asupra peliculelor protectoare de zinc-fer.**

Buletinul Informativ ICCPAM nr. 2 din 1986 la p. 1 – 10 (1986).

1985: Florea Strugarl; Lidia Benea ; Tatian Stanciu; Mircea Roibu.

5 **Rezultatele experimentarilor privind stanarea electrochimica a lagarelor de alunecare cu frecare lichida. Buletinul de informare tehnico-economica al C.S. GALATI, NR.4 DIN 1985 P. 29-34.**

1985: Ovesea Iuliu; D.T.Levcovici; Lidia Benea, C. Popa.

4 **Utilizarea otelurilor inoxidabile feritice în realizarea unor instalatii din industria alimentara.**

Volumul selectiv editat cu ocazia Sesiunii de aniversare a 25 de ani de activitate a ICCPAM-Galati din 27-28 septembrie 1985, la p. 50-73 (1985)..

1983: I Stanciu T.; Lidia Benea.

3 **Tehnologii moderne de zincare a tablelor în proces dicontinuu.** Volumul selectiv editat la a II-a Sesiune Stiintifica cu tema: *Noutati în fabricarea produselor plate din otel si în protectia suprafetelor acestora contra corozionii* , organizata la Galati în 14 octombrie 1983, p: 156-160 (1983).

1983: Stanciu T.; Lidia Benea; David M.

2 **Posibilitati de fabricare a tablelor plumbuite pe suport de zinc, cu eliminarea staniului din aliajul de Pb-Sn.**

Volumul selectiv editat la a II-a Sesiune Stiintifica cu tema: *Noutati în fabricarea produselor plate din otel si în protectia suprafetelor acestora contra corozionii*, organizata la Galati în 14 octombrie 1983, p: 57-64 (1983).

1983: Ovesea I.; Stanciu T.; Lidia Benea.

1 **Contributii la înlocuirea zincului cu aliaje zinc-aluminiu la acoperirea metalica de protectie a benzilor si sarmelor din otel prin imersie.**

Volumul selectiv editat la a II-a Sesiune Stiintifica cu tema: *Noutati în fabricarea produselor plate din otel si în protectia suprafetelor acestora contra corozionii* , organizata la Galati în 14 octombrie 1983, p: 104-129 (1983).

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