

**Articole publicate în reviste cotate ISI - Web of Science
(Thomson Reuters)(2017)**

Autori	Valentin Marian Dumitrașcu, Lidia Benea
Articol	Improving the Corrosion Behaviour of 6061 Aluminum Alloy by Controlled Anodic Formed Oxide Layer
Revista	<i>Revista de Chimie</i> , Volume 68, No. 1, Pages: 77-80, 2017.
ISSN	0034-7752
SRI (scor relativ de influenta)	0.164
Factor de impact	1.232
DOI	-
Accession Number	000423732100015

Autori	Stefan Catalin PINTILIE, Laurentia Geanina TIRON, Iulian Gabriel BIRSAN, Daniel GANEA, Stefan BALTA,
Articol	INFLUENCE OF ZnO NANOPARTICLE SIZE AND CONCENTRATION ON THE POLYSULFONE MEMBRANE PERFORMANCE
Revista	<i>Revista Romana de Materiale - Romanian Journal of Materials</i> , Vol.54 (2), pg. 257-261, 2017
ISSN	0025-5289
SRI (scor relativ de influenta)	0.125
Factor de impact	0.778
DOI	-
Accession Number	-

Autori	Valentin Dumitrașcu, Lidia Benea, Eliza Dănăilă
Articol	Characterization of nanoporous aluminum oxide layers obtained by controlled anodic oxidation
Revista	Nano, Bio and Green – Technologies for a Sustainable Future, Conference Proceedings, Proceedings of 17th International Multidisciplinary Scientific

	GeoConference SGEM 2017, Vol. 17 – Micro and Nano Technologies , p. 43–50, 2017.
ISSN	1314-2704
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	DOI: 10.5593/sgem2017/61/S24.006
Accession Number	WOS:000391648800022

Autori	Valentin Dumitraşcu, Lidia Benea, Eliza Dănăilă
Articol	Influence of the sealing process on the corrosion performance of nanoporous aluminum oxide
Revista	Nano, Bio and Green – Technologies for a Sustainable Future, Conference Proceedings, Proceedings of 17 th International Multidisciplinary Scientific GeoConference SGEM 2017, Vol. 17 – Micro and Nano Technologies , p. 171–178, 2017
ISSN	1314-2704
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	DOI:10.5593/sgem2017/61/S24.023
Accession Number	WOS:000391650000007

Autori	Valentin Dumitraşcu, Lidia Benea, Eliza Dănăilă
Articol	Corrosion behaviour of aluminum oxide film growth by controlled anodic oxidation
Revista	<i>IOP Conference Series: Materials Science and Engineering</i> , Vol. 209, 2017, Article number 012016
ISSN	1757-8981.
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	DOI: 10.1088/1757-899X/209/1/012016
Accession Number	-

Autori	M. LAURENTIU, L. BENEĂ
Articol	Development of Anticorrosive Polymer Nanocomposite Coating for Corrosion Protection in Marine Environment
Revista	<i>Materials Science and Engineering</i> 209 (2017) 012056
ISSN	-
SRI (scor relativ de influență)	-
Factor de impact	-
DOI	doi:10.1088/1757-899X/209/1/012056
Accession Number	-

Autori	M. LAURENTIU, L. BENEĂ
Articol	Corrosion Of Architecture And Infrastructure Elements In Romanian Black Sea Littoral Area
Revista	SGEM2017 Conference Proceedings, ISBN 978-619-7408-13-3, 29 June - 5 July, 2017, Vol. 17, Issue 62, 73-80 pp,
ISSN	1314-2704
SRI (scor relativ de influență)	-
Factor de impact	-
DOI	DOI: 10.5593/sgem2017/62/S26.010
Accession Number	-

Autori	Nicoleta-Lucica SIMIONESCU, Lidia BENEĂ
Articol	The corrosion behaviour of 316L stainless steel in different simulated body fluids solutions
Revista	Proceedings of 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Book Issue 61 – Nano, Bio and Green – Technologies for a Sustainable Future– Micro and Nano Technologies, Advances in Biotechnology, Pages 353-360.
ISSN	1314-2704
SRI (scor relativ de influență)	-

Factor de impact	-
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Autori	Lidia Benea, Eliza Danaila
Articol	Development of Electrodeposited Zn/nano-TiO ₂ Composite Coatings with Enhanced Corrosion Performance.
Revista	International Conference on Innovative Research — ICIR EUROINVENT 2017 IOP Publishing IOP Conf. Series: <i>Materials Science and Engineering</i> 209 (2017) 012014.
ISSN	-
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	doi:10.1088/1757-899X/209/1/012014
Accession Number	-

Autori	Lidia Benea, Eliza Danaila
Articol	The Effect of Normal Force on Tribocorrosion Behaviour of Ti-10Zr Alloy and Porous TiO ₂ -ZrO ₂ Thin Film Electrochemical Formed.
Revista	International Conference on Innovative Research — ICIR EUROINVENT 2017 IOP Publishing IOP Conf. Series: <i>Materials Science and Engineering</i> 209 (2017) 012015.
ISSN	-
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	doi: 10.1088/1757-899X/209/1/012015.
Accession Number	-

Autori	Anca Răvoiu, Lidia Benea
Articol	The pH value effect of a simulated physiological solution on the corrosion resistance of ti-6al-4v alloy
Revista	17th International multidisciplinary scientific geoconference, SGEM 2017, Conference proceedings, Volume 17. Nano, bio and green – technologies for a

	sustainable future, issue 61, Section micro and nano technologies , 29 June - 5 July, 2017, Albena, Bulgaria
ISSN	1314-2704
SRI (scor relativ de influenta)	-
Factor de impact	-
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Autori	Lidia Benea
Articol	Bio and nanomaterials in tribocorrosion systems
Revista	Published under licence by IOP Publishing Ltd IOP Conference Series: Materials Science and Engineering , Volume 174, conference 1 2017 1757-899X 174 012042 http://iopscience.iop.org/1757-899X/174/1/012042
ISSN	-
SRI (scor relativ de influenta)	-
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DOI	doi:10.1088/1757-899X/174/1/012042
Accession Number	

Autori	L Benea, E Dănăilă and P Ponthiaux
Articol	Porous TiO ₂ -ZrO ₂ thin film formed by electrochemical technique to improve the biocompatibility of titanium alloy in physiological environment
Revista	Published under licence by IOP Publishing Ltd IOP Conference Series: Materials Science and Engineering, Volume 174, conference 1 2017 1757-899X 174 012044
ISSN	-
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	doi:10.1088/1757-899X/174/1/012044

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Autori	Lidia Benea, Eliza Dănăilă, Pierre Ponthiaux and Jean-Pierre Celis
Articol	Improving tribocorrosion behaviour by electro-codeposition of TiC nano-dispersed particles with nickel as hybrid layers for energy applications
Revista	Published under licence by IOP Publishing Ltd IOP Conference Series: <i>Materials Science and Engineering</i> , Volume 174, conference 1 2017 1757-899X 174 012045.
ISSN	-
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Factor de impact	-
DOI	doi:10.1088/1757-899X/174/1/012045
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Autori	Viorel Mircea Dragan
Articol	HEALTH RISK MANAGEMENT IN AN ER HOSPITAL
Revista	The Proceedings of the International Conference Globalization, Intercultural Dialogue and National Identity, GIDNI 2 SOCIAL SCIENCES AND MANAGEMENT, , 2017,18-19 May Tîrgu-Mureş, p 189-199.
ISSN	987-606-8624 01-3-5-8
SRI (scor relativ de influenta)	-
Factor de impact	-
DOI	-
Accession Number	-

Lucrări științifice/tehnice în reviste indexate în baze de date internaționale (2017)

1. Marian-Iulian NEACȘU, Viorel DRAGAN, Influence On Reduction Scheme Hardness Cold Rolled Strip Mark Steel St 12, THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCE No . 4 - 2017, pag.58-62, *GALATI UNIVERSITY PRESS, ISSN 1453-083X.*

Cărți (2017)

Lidia Benea, Coroziune și Protecții Anticorozive - de la teorie la practică.

ISBN: 978-973-8937-99-4

Nr. de pagini: 410

Editura: Academica.

Lidia Benea. Metode Avansate de Investigare a Materialelor

ISBN: 978-606-606-003-5

Nr. de pagini: 350

Anul apariției: 2017 - 2018

Editura: Academica.