

**Published papers in ISI Journals - Web of Science
(Thomson Reuters, Clarivate Analytics)**

Authors	Lidia Benea, Jean Pierre Celis
Article	Reactivity of porous titanium oxide film and chitosan layer electrochemically formed on Ti-6Al-4V alloy in biological solution.
Journal	<i>Surface & Coatigs Technology, 2018, 354 (2018) 145-152..</i>
ISSN	0257-8972
SRI	1.464
Impact Factor	3.192
DOI	https://doi.org/10.1016/j.surfcoat.2018.09.015
Accession Number	000447475100017

Authors	Lidia Benea, Laurentiu Mardare, Nicoleta Simionescu
Article	Anticorrosion performances of modified polymeric coatings on E32 naval steel in sea water.
Journal	<i>Progress in Organic Coatings, 2018, vol 123, p. 120-127.</i>
ISSN	0300-9440
SRI	1.526
Impact Factor	3.420
DOI	https://doi.org/10.1016/j.porgcoat.2018.06.020
Accession Number	000444357000013

Authors	Ștefan Cătălin PINTILIE, Laurenția Geanina TIRON, Andreea Liliana LAZĂR, Maria VLAD, Iulian Gabriel BÎRSAN, Ștefan BALTĂ
Article	The influence of zno/tio2 nanohybrid blending on the ultrafiltration polysulfone membranes
Journal	<i>Materiale Plastice</i> 55 Issue: 1 (2018) 54-62
ISSN	0025-5289
SRI	0.150
Impact Factor	1.393
DOI	-
Accession Number	000444129500013

Authors	Laurenția Geanina TIRON, Ștefan Cătălin PINTILIE , Andreea Liliana LAZĂR , Maria VLAD, Ștefan BALȚĂ , Marius BODOR
Article	Influence of polymer concentration on membrane performance in wastewater treatment
Journal	Materiale Plastice 55 Issue: 1 (2018) 95-98, ISSN: 0025-5289
ISSN	0025-5289
SRI	0.150
Impact Factor	1.393
DOI	-
Accession Number	000444129500021

Authors	Lidia Benea
Article	Electrochemical methods as promising routes for nanostructuration and functionalization of materials and biomaterials
Journal	<i>Proceeding Volume of 18th International Multidisciplinary Scientific GeoConference SGEM 2018, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria, p. 191-198</i>
ISSN	1757-8981.
SRI	-
Impact Factor	-
DOI	Doi: 10.5593/sgem2018/6.1
Accession Number	-

Authors	Valentin Marian Dumitrascu, Lidia Benea, Nicoleta Lucica Simionescu
Article	Surfaces morphology, roughness and wetting properties of nanoporous aluminum oxide film formed on 1050 aluminum alloy by controlled electrochemical oxidation
Journal	<i>Proceeding Volume of 18th International Multidisciplinary Scientific GeoConference SGEM 2018, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria, p. 473-480.</i>
ISSN	1757-8981.
SRI	-

Impact Factor	-
DOI	doi:10.1088/1757-899X/209/1/012056
Accession Number	-

Authors	Nicoleta SIMIONESCU, Lidia BENEA, Anca RAVOIU
Article	Effect of hydrogen peroxide addition to phosphate buffered saline solutions on corrosion resistance of 316l stainless steel
Journal	Proceeding Volume of 18th International Multidisciplinary Scientific GeoConference SGEM 2018, 24. Section Micro and Nano Technologies, 30 June - 9 July, 2018, Albena, Bulgaria, p. 169-176.
ISSN	1314-2704
SRI	-
Impact Factor	-
DOI	Doi: 10.5593/sgem2018/6.1.
Accession Number	-

Authors	Lidia Benea
Article	Surface Modifications of Materials by Electrochemical Methods to Improve the Properties for Industrial and Medical Applications.
Journal	IOP Conf. Series: Materials Science and Engineering 374 (2018) 012014
ISSN	-
SRI	-
Doi	doi:10.1088/1757-899X/374/1/012014
Impact Factor	-

Authors	V M Dumitrascu, L Benea and N L Simionescu.
Article	Evaluation of Sealing Process on the Surface Properties of Nanoporous Aluminum Oxide Layers Electrochemically Growth on 1050 Aluminum Alloy Surface.
Journal	IOP Conf. Series: Materials Science and Engineering 374

	(2018) 012013
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/374/1/012013
Accession Number	-

Authors	N Simionescu, L Benea and V M Dumitrascu.
Article	The Synergistic Effect of Proteins and Reactive Oxygen Species on Electrochemical Behaviour of 316L Stainless Steel for Biomedical Applications.
Journal	IOP Conf. Series: Materials Science and Engineering 374 (2018) 012058.
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/374/1/012058
Accession Number	-

Authors	A Ravoiu, L Benea and A Chiriac.
Article	Metabolic Albumin and Its Effect on Electrochemical Behavior of Titanium Implant Alloy
Journal	IOP Conf. Series: Materials Science and Engineering 374 (2018) 012077.
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/374/1/012077
Accession Number	-

Authors	Carmen Duma,. Vasile Başliu, Viorel Mircea Drăgan
Article	Assessment of the impact of environmental factors from a space corresponding to a higher education institution
Journal	Institution,18-th international multidisciplinary geoconference sgem 2018,conference proceedings,vol.18,2-8 iuly,albena,bulgaria,isbn 978-

	619-7409-47-8,pag.121 -128
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/209/1/012056
Accession Number	

Authors	Carmen Duma,. Vasile Başliu, Viorel Mircea Drăgan
Article	Monitoring the degree of air pollution from an area corresponding to a higher education institution
Journal	18-th international multidisciplinary geoconference sgem 2018,conference proceedings,vol.18,2-8 iuly,albena,bulgaria,isbn 978-619-7409-47-8,pag.655-660
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/209/1/012056
Accession Number	-

Authors	S. Paraschiv, S.L. Paraschiv, M. Bordei, V. Dragan
Article	Analysis of temporal variation of NO2 concentrations in an urban area
Journal	Conference: 18th International Multidisciplinary Scientific GeoConference SGEM2018, Albena, Bulgaria,, ISBN 978-619-7409-47-8
ISSN	-
SRI	-
Impact Factor	-
DOI	doi:10.1088/1757-899X/209/1/012056
Accession Number	

Authors	M Arcuş, V Başliu, L G Tiron and M V Drăgan
Article	Evaluation of the Environmental Impact of the Activities Carried Out in the Area of Murighiol Channel Tulcea County
Journal	Euroinvent ICIR 2018 IOP Publishing IOP Conf. Series:

	Materials Science and Engineering 374 (2018) 012075
ISSN	-
SRI	-
Impact Factor	-
DOI	http://iopscience.iop.org/issue/1757-899X/374/1
Accession Number	-

Authors	Beatrice Daniela Tudor, Anisoara Ciocan, Alina Crina Muresan
Article	Studies and research on the ecological management and recovery of residues from waste water treatment plants
Journal	18th International Multidisciplinary Scientific GeoConference SGEM 2018, Albena, Bulgaria, Conference Proceedings, 2-8 iulie, pp. 679-687, 2018
ISSN	1314-2704
SRI	-
Impact Factor	-
DOI	DOI: 10.5593/sgem2018/3.1
Accession Number	-

Published papers in International Data Base

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.

Books

Lidia Benea
Advanced Methods for Materials Characterization.
(Metode Avansate de Investigare a Materialelor).
 ISBN: 978-606-606-003-5
 Nr. of pages: 350

Published Year: 2017 - 2018
Edited by: Academica.

Mureșan Alina Crina
Chimia și poluarea solului
ISBN 978-606-696-119-6
Nr. of pages: 294
Published Year: 2018
Editura Galați University Press, 2018