

Prof. Dr. Eng. Marius Olariu

List of ISI already published papers:

<p>1. Mirela Airimioaei, Vlad A.Lukacs, Isabelle Lisiecki, Patricia Beaunier, Juliette Blanchard, Doina Lutic, Sorin Tascue, Petronel Postolache, Cristina E.Ciomaga, Marius Olariu, Liliana Mitoseriu, Biomorphic tubular nickel oxide structures: Effect of the synthesis parameters on their structural and functional properties, surface-related applications, Journal of Alloys and Compounds, https://doi.org/10.1016/j.jallcom.2019.152543, 2019 (apare în volumul 816, Martie 2020), IF=4.175</p>
<p>2. Olariu, M., Arcire, A. & Plonska-Brzezinska, M.E., Controlled Trapping of Onion-Like Carbon (OLC) via Dielectrophoresis, Journal of Electronic Materials (2016). doi:10.1007/s11664-016-4870-1, IF=1,579 Accession Number: WOS:000391126900055</p>
<p>3. Olariu, M. A.; Hamciuc, C.; Neacsu, O. M.; et al., MICROWAVE DIELECTRIC PROPERTIES OF POLYIMIDE COMPOSITES BASED ON TiO₂ NANOTUBES AND CARBON NANOTUBES, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 14 Issue: 1 Pages: 37-44, IF=0,673 Accession Number: WOS:000463356800006</p>
<p>4. Olariu, M.; Arcire, A., Electrostimulated Desorption Hydrogen Sensor Based on Onion-Like Carbons as a Sensing Element, Journal of Electronic Materials, Volume: 47, Issue: 11, Pages: 6476-6483, NOV 2018, IF=1,579 Accession Number: WOS:000445474800017</p>
<p>5. M. A. Olariu, Corneliu Hamciuc, Lidia Okrasa, Elena Hamciuc, Lubomir Dimitrov, Yuri Kalvachev, Electrical properties of polyimide composite films containing TiO₂ nanotubes, 2015, DOI: 10.1002/pc.23851, IF=2,004 Accession Number: WOS:000415812000027</p>
<p>6. Olariu, M.A., Ciobanu, R.C., Ursache, S., Aradoaei, S., Experimental regarding the evolution of space charge in polyolefins insulation, Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP, 14 October 2007 through 19 October 2007; DOI: 10.1109/CEIDP.2007.4451585, Category number 07CH37929; Code 73236, IF=0 Accession Number: WOS:000254276700103</p>
<p>7. Elena Hamciuc, Mircea Ignat, Corneliu Hamciuc, Iuliana Stoica, Lubomir Dimitrov, Yuri Kalvachev, Marius Olariu, Electromechanical properties of polyimide composites containing titanium dioxide nanotubes, 2015/8/1, Journal High Performance Polymers, Volume 27, Issue 5, Pages 590-598., DOI: 10.1177/0954008315584185, IF=1,090 Accession Number: WOS:000357694400010</p>
<p>8. SUAT CETINER, SEYMA SIRIN, MARIUS OLARIU and A. SEZAI SARAC, Frequency and Temperature Dependence of Dielectric Behaviors for Conductive Acrylic Composites, Advances in Polymer Technology, Vol. 35, No. 1, 2016, DOI 10.1002/adv.21523, IF=2,073 Accession Number: WOS:000370077600003</p>
<p>9. Corneliu Sergiu Stan, Marcel Popa, Marius Olariu, Marius Sebastian Secula, Synthesis and Characterization of PSSA-Polyaniline Composite with an Enhanced Processability in Thin Films Open Chemistry. Volume 13, Issue 1, ISSN (Online) 2391-5420, DOI: 10.1515/chem-2015-0057, December 2014, IF=1,425 Accession Number: WOS:000355403100055</p>
<p>10. Cetiner, S ; Olariu, M ; Sarac, AS, FABRICATION OF POLY(ACRYLONITRILE-CO-VINYL ACETATE)-POLY(N-METHYL PYRROLE) COMPOSITE NANOFIBERS, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, Volume: 8 Issue: 2 Pages: 677-683, Published: APR-JUN 2013, IF=0.673 Accession Number: WOS:000322737500020</p>
<p>11. Suat Cetiner, Marius Olariu, Romeo Ciobanu, Hale Karakas, Fatma Kalaoglu and A. Sezai Sarac, Polypyrrole/polyacrylonitrile composite films: Dielectric, spectrophotometric and morphologic characterization, FIBERS AND POLYMERS, Volume: 11, Issue: 6, Pages: 843-850, Published: SEP 2010, ISSN: 1229-9197, DOI: 10.1007/s12221-010-0843-9, IF=1,022 Accession Number: WOS:000282512800006</p>

<p>12. Suat Cetiner, Hale Karakas, Romeo Ciobanu, Marius Olariu, N. Ugur Kaya, Cem Unsal, Fatma Kalaoglu, A. Sezai Sarac,, Polymerization of pyrrole derivatives on polyacrylonitrile matrix, FTIR-ATR and dielectric spectroscopic characterization of composite thin films, Source: SYNTHETIC METALS, Volume: 160, Issue: 11-12, Pages: 1189-1196, Published: JUN 2010, ISSN: 0379-6779, DOI: 10.1016/j.synthmet.2010.03.007, IF=2,526</p> <p>Accession Number: WOS:000279625900011</p>
<p>13. Aradoaei S, Darie R, Constantinescu G, Olariu M, Ciobanu R., Modified lignin effectiveness as compatibilizer for PET/LDPE blends containing secondary materials, , JOURNAL OF NON-CRYSTALLINE SOLIDS, Volume: 356 Issue: 11-17 Pages: 768-771 Published: APR 1 2010, ISSN: 0022-3093, DOI: 10.1016/j.jnoncrysol.2009.11.046, IF=2,488</p> <p>Accession Number: WOS:000276665500050</p>
<p>14. Hamciuc, E. Hamciuc, M. Olariu, R. Ciobanu, Thermal and electrical behaviour of some hybrid polyimide films containing barium and titanium oxides, POLYMER INTERNATIONAL, Volume: 59, Issue: 5, Pages: 668-675, Published: MAY 2010, ISSN: 0959-8103, DOI: 10.1002/pi.2747, IF=2,352</p> <p>Accession Number: WOS:000277767500015</p>
<p>15. Hamciuc E, Hamciuc C, Olariu M, Thermal and Electrical Behavior of Polyimide/Silica Hybrid Thin Films, POLYMER ENGINEERING AND SCIENCE, Volume: 50, Issue: 3, Pages: 520-529, Published: MAR 2010, ISSN: 0032-3888, DOI: 10.1002/pen.21562 IF=1,551</p> <p>Accession Number: WOS:000275008700011</p>
<p>16. C. Hamciuc, E. Hamciuc, I. Bacosca, M. Olariu, Thermal and electrical properties of some poly(ether-imide) thin films, MaterialePlastice, 47, 11-15, 2010, ISSN: 0025-5289, IF=1,278</p> <p>Accession Number: WOS:000276587100003</p>
<p>17. Hamciuc C, Hamciuc E, Vlad S, Olariu M, Fluorinated Block Copolymers Containing Imide and 1,3,4-oxadiazole Rings, MATERIALE PLASTICE, Volume: 45, Issue: 4 Pages: 356-361, Published: DEC 2008, ISSN: 0025-5289, IF=1,278</p> <p>Accession Number: WOS:000262600800010</p>

List of BDI already published papers:

<p>1. M. Olariu, A. Arcire, Methane and hydrogen gas sensing properties of fullerenes C60 for breath analyzing purpose, BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Volumul 64 (68), Numărul 3, pp. 107-119, 2018, Secția ELECTROTEHNICĂ. ENERGETICĂ. ELECTRONICĂ</p>
<p>2. Olariu Marius, Arcire Alexandru, Improving Electromanipulation Capacity of Dielectrophoretic Arrays Based on Variation of Interdigitated Microelectrode's Geometry, DOI: 10.1109/ICEPE.2016.7781298, Electronic ISBN: 978-1-5090-6129-7, pg. 37-41, 9th International Conference and Exposition on Electrical and Power Engineering, EPE 2016</p> <p>INSPEC Accession Number: 16525883</p>
<p>3. Baluta, G., Olariu M., Numerical simulation of BLDC electrical drive systems closed-loop control and sensorless control, 2014, EPE 2014 - Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering, Article number 6970047, Pages 927-932, ISBN:978-1-4799-5849-8</p> <p>Accession Number: WOS:000353565300173</p>
<p>4. Cetiner, S.; Olariu, M.; Kaya, N. U.; Aradoaei S, THERMALLY STIMULATED DISCHARGE CURRENTS OF POLY(ACRYLONITRILE-CO-ACRYLIC ACID)-POLYPYRROLE COMPOSITES, March 2013, Key Engineering Materials 543:154-158, DOI: 10.4028/www.scientific.net/KEM.543.154</p> <p>Accession Number: WOS:000319023100038</p>
<p>5. Scarlatache, V.-A., Olariu, M., Ursache, S., Ciobanu, R.C., Pasquale, M.b Magnetic and dielectric losses of a nanocomposites polymer matrix reinforced with ferromagnetic powders, 2012, Article number 6463940, Pages 125-128, 2012, ISBN:978-1-4673-1172-4; 978-1-4673-1173-1, 7th International Conference and Exposition on Electrical and Power Engineering, EPE 2012</p> <p>Accession Number: WOS:000324685300026</p>

<p>6. Caprile, A, Coisson A, Fiorillo, Kabos P, Manu OM, Olivetti A, Olariu MA, Pasquale M, Scarlatache VA, Microwave Behavior of Polymer Bonded Iron Oxide Nanoparticles, IEEE TRANSACTIONS ON MAGNETICS Volume: 48 Issue: 11 Pages: 3394-3397 DOI: 10.1109/TMAG.2012.2200462 Published: NOV 2012, IF=1,467</p> <p>Accession Number: WOS:000310194400169</p>
<p>7. Olariu, M., Scarlatache, V.-A., Niagu, A., Ursache, S., Ciobanu, R.C., The influence of frequency and temperature upon dielectric behavior of polypropylene reinforced with multi-walled carbon nanotubes (MWCNTs), Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment, OPTIM, 6231902, pp. 287-292, ISSN: 1842-0133</p> <p>Accession Number: WOS:000398866700043</p>
<p>8. Aradoaei, S.T., Darie, R.N., Vasile, C., Mosneagu, M., Olariu, M.A., Morphology and dielectric properties of some LDPE/PA blends in presence of compatibilizers, 2012 Source of the Document Solid State Phenomena 188, pp. 268-274, ISSN: 1012-0394, DOI: 10.4028/www.scientific.net/SSP.188.268</p> <p>Accession Number: WOS:000308047400045</p>
<p>9. S. Ursache, R. C. Ciobanu, M. Olariu, and A. Neamtu, Dielectric Properties and Electromagnetic Behaviour of Pan/Nmpy Conductive Composites, International Journal of Information and Electronics Engineering, Vol. 3, No. 4, July 2013, DOI: 10.7763/IJIEE.2013.V3.350</p> <p>Revistaindexata INSPECT</p>
<p>10. Kim, IkJin; Zhao, Wei; Chung, Jeong Ho; Olariu Marius; Trandabat, Alexandru F.; Ciobanu, Romeo-Cristian, Effect of interconnected molecular types on the packing rate of self-assembled monolayers of TMA-A zeolite nanocrystals on glass. JOURNAL OF CERAMIC PROCESSING RESEARCH, 11 (3), pp. 303-307, 2010. . IF=0,327</p> <p>Accession Number: WOS:000280125600004</p>
<p>11. Ciobanu, R., Schreiner, C., Olariu, M., Evaluation via PEA measurements of paper-oil insulation submitted to gamma radiation, Proceedings of 2008 International Conference on Condition Monitoring and Diagnosis, CMD 2008, Article number 4580500, Pages 1187-1190, ISBN:978-1-4244-1621-9</p> <p>Accession Number: WOS:000257946000122</p>
<p>12. Damian, R. , Ciobanu, R., Brînzilă, M., Olariu, M., Stability considerations and efficient computing in chiral materials electromagnetic simulations, 15th IMEKO Symposium on Novelties in Electrical Measurements and Instrumentation in Parallel with the 12th Workshop on ADC Modelling and Testing; Iasi; Romania; 19 September 2007 through 21 September 2007; Code 100763</p> <p>Articolindexat SCOPUS</p>
<p>13. Pislaru, M. , Trandabat, A., Olariu, M., Neuro fuzzy system for industrial processes fault diagnosis, 15th IMEKO Symposium on Novelties in Electrical Measurements and Instrumentation in Parallel with the 12th Workshop on ADC Modelling and Testing; Iasi; Romania; 19 September 2007 through 21 September 2007; Code 100763</p> <p>Articolindexat SCOPUS</p>
<p>14. Olariu, M.; Aradoaei, S; Ursache, S; Hanganu, Space charge evolution in nano-materials determined via dielectric spectroscopy, PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL I: ELECTROTECHNICS, Pages: 93-98, Published: 2006, ISBN:978-973-635-703-9</p> <p>Accession Number: WOS:000256417000019</p>
<p>15. Olariu, M, Ursache, S; Aradoaei, S; Socotar, Quality of power capacitors dielectric via space charge measurements, PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL I: ELECTROTECHNICS, Pages: 153-158, Published: 2006, ISBN:978-973-635-703-9</p> <p>Accession Number: WOS:000256417000029</p>
<p>16. Varga, C ;Olariu, M; Trandabat, A; Socotar, D , Modelling the device reliability by use of negative bias temperature instability - NTBI: Principle and brief application, Management of Technological Changes, Book 1, 117-120, Published: 2005, ISBN:978-960-8475-04-5</p> <p>Accession Number: WOS:000249920000020</p>

<p>17. Aradoaei, S.; Hanganu, S.; Donciu, C.; Olariu, M., Socotar, D, Prototype architecture of a remote teaching laboratory, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005, Management of Technological Changes, Book 1 Pages: 179-182 Published: 2005, ISBN:978-960-8475-04-5</p> <p>Accession Number: WOS:000249920000031</p>
<p>18. Olariu, M.; Constantinescu, G.; Prisecaru, I.; Aradoaei, S., Advanced composites from recycled polyethylene: Technology optimization via thermal step method, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005, Management of Technological Changes, Book 1 Pages: 287-290 Published: 2005, ISBN:978-960-8475-04-5</p> <p>Accession Number: WOS:000249920000051</p>
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<p>20. Pislaru, M.; Schreiner, C.; Trandabat, A.; Olariu, M., Neuro-fuzzy system for monitoring and control in industrial processes, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005, Management of Technological Changes, Book 2 Pages: 91-94 Published: 2005, ISBN:978-960-8475-05-2</p> <p>Accession Number: WOS:000249920900016</p>
<p>21. Temneanu, C.; Temneanu, M.; Olariu, M.; Socotar, D., Modeling the hysteretic behavior using fuzzy sets, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005 , MANAGEMENT OF TECHNOLOGICAL CHANGES, BOOK 2 Pages: 111-114 Published: 2005, ISBN:978-960-8475-05-2</p> <p>Accession Number: WOS:000249920900020</p>
<p>22. Varga, C.; Socotar, D.; Hanganu, S.; Olariu, M., Trandabat, A., Advanced reliability studies in microelectronics: Upon p-MOSFET structures technological reliability, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005, Management of Technological Changes, Book 2 Pages: 183-186 Published: 2005, ISBN:978-960-8475-05-2</p> <p>Accession Number: WOS:000249920900033</p>
<p>23. Aradoaei, S.; Olariu, M.; Ciobanu, R.; Constantinescu, G, Sustainable development in materials recycling by advanced pe/pet-wood sawdust compounds, Edited by: Rusu, C; Phillis, Y, Conference: 4th International Conference on Management of Technological Changes Location: Chania, GREECE Date: AUG 19-20, 2005 , Management of Technological Changes, Book 2 Pages: 293-296 Published: 2005, ISBN:978-960-8475-05-2</p> <p>Accession Number: WOS:000249920900053</p>