

LISTĂ DE LUCRĂRI ȘTIINȚIFICE

șef. lucr. dr. ing. DANIELA IONESCU

Lucrări științifice publicate în reviste cotate ISI:

11. "Parametrical Control of the Electrical Permittivity for the L_{α} Phase of the Dipalmitoylphosphatidylcholine, Determined by Simulation Methods"

Daniela Ionescu, Dana Ortansa Dorohoi, Ion Hurjui

Digest Journal of Nanomaterials and Biostructures, revistă ISI, factor de impact 1.200; ISSN 1842 - 3582, Vol. 8, No. 2, April - June 2013, pp. 691-698,
http://www.chalcogen.infim.ro/691_Ionescu.pdf

10. "Study of the Diffusion Controlled Properties in the Ferrite - Ferroelectric Nanocomposites"

Daniela Ionescu, Daniel Mătășaru, Viviana Radu

Buletinul Științific al Universității "Politehnica" București, Seria A Matematică și Fizică Aplicate, revistă ISI, factor de impact 0.192, ISSN 1223-7027, Vol. 75, Iss. 4, 2013, pp. 265-274 ; http://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez2e0_440260.pdf

9. "A Novel Simulational Approach: Electromagnetic Parameters Determinations for Some Ferrite-Ferroelectric Nanocomposites", Daniela Ionescu, Gabriela Apreotesei, Romanian Reports in Physics, revistă ISI, factor de impact 1.123; ISSN 12211451, 18418759, Volume 65, Number 4, 2013, pp. 1328–1347 ; http://www.rrp.infim.ro/2013_65_4/A20.pdf

8. "Simulation Determination of the Tunable Electromagnetic Parameters for the Sc Doped BaM Metaferrites in GHz Range", DANIELA IONESCU, I. Bogdan, Romanian Reports in Physics, Volume 64, Number 2, 2012, pp. 411-425,
http://rrp.infim.ro/2012_64_2.html

7. "Study in microwave range of some HF board materials for lead-free technologies"

Daniela Ionescu, I. B. Ciobanu

Romanian Reports in Physics, Vol. 61, No. 4, 2009, ISSN 1221-1451, pp. 676-688.
http://www.infim.ro/rrp/2009_61_4/art07Ionescu.pdf

6. "HF Modeling for the Electrical Properties Determination of a Lead-Free Potential Piezoelectric Material"

I. B. Ciobanu, Daniela Ionescu

Romanian Reports in Physics, Vol. 61, No. 1, 2009, ISSN 1221-1451, pp. 105-114.
http://www.infim.ro/rrp/2009_61_1/art08Ciobanu.pdf

5. "HF Study of the Electrical Permittivity for Some Perovskite-Like Systems from the Two Dimensional Perovskite Layer Family"

Daniela Ionescu, I. B. Ciobanu

Romanian Journal of Physics, Vol. 54, Nos. 9-10, ISSN 1221-146X, pp. 899- 909, 2009.
http://www.nipne.ro/rjp/2009_54_9-10/0899_0909.pdf

Presented at the National Conference of Physics, September 10–13, 2008, Bucharest – Măgurele, Romania.

4. "A new formula for electrical resonances prediction applied to the stratified resins in high frequency fields"

Daniela Ionescu, I. B. Ciobanu

Journal of Optoelectronics and Advanced Materials, Vol.10, ISS.12- 2008, ISSN: 1454-4164, (impact factor in 2008: 0.577), pp. 3416-3425.

<http://inoe.inoe.ro/joam/index.php?option=magazine&op=view&idu=1822&catid=33>

3. "About the electromagnetic properties of the Fe-Si-B-Nb-Cu soft magnetic composites"

Daniela Ionescu, I. B. Ciobanu

Journal of Optoelectronics and Advanced Materials, Vol.10, ISS.12- 2008, ISSN: 1454-4164, (impact factor in 2008: 0.577), pp. 3305-3310.

<http://inoe.inoe.ro/joam/index.php?option=magazine&op=view&idu=1802&catid=33>

Presented at The 9th International Balkan Workshop on Applied Physics, IBWAP 2008, July 7-9, 2008, Constanta, Romania, abstarct No. S1-P22

2. "High Frequency Simulation of Granular CoFeHfO Nanometric Thin Films"

Daniela Ionescu, B. Ciobanu

Journal of Optoelectronics and Advanced Materials, Vol. 10, ISS.10- 2008, ISSN: 1454-4164, (impact factor in 2008: 0.577), pp. 2678-2683.

<http://inoe.inoe.ro/joam/index.php?option=magazine&op=view&idu=1679&catid=31>

Presented at The 8th International Balkan Workshop on Applied Physics, IBWAP 2007, July 5-7th, 2007, Constanța, Romania, abstarct No. S1-P14

1. "Frequency Resonant Behavior of the Effective Permittivity for a Polyvalent Liquid Crystal, in Microwave Range"

Daniela Ionescu, B. Ciobanu, I. Radinschi

Journal of Optoelectronics and Advanced Materials, Vol. 9, ISS.8- 2007, ISSN: 1454-4164, (impact factor in 2007: 0.828), pp. 2608-2614.

<http://inoe.inoe.ro/joam/index.php?option=magazine&op=view&idu=873&catid=16>

Lucrări științifice indexate în baze de date internaționale (indexate BDI) & ISI Proceedings:

26. "Waveguide digital phase shifters filled with TT1 to TT86 ferrites for UHF and SHF radio bands - parameter optimization", Daniela Ionescu, Maria Kovaci, Proceedings of The 11th International Symposium on Electronics and Telecommunications, ISETC 2014, Nov. 14-15, 2014, Timisoara, Romania, in print

25. "Performances of the planar ferrite phase shifters based on microwave garnets", Daniela Ionescu, Maria Kovaci, Proceedings of The 11th International Symposium on Electronics and Telecommunications, ISETC 2014, Nov. 14-15, 2014, Timisoara, Romania, in print

24. "Simulation Determination of the Electromagnetic Parameters for the CdCr₂S₄ Multiferroic Relaxor in GHz Range", Daniela Ionescu, Maria Kovaci, Proceedings of The 17th International Conference on Innovative Manufacturing Engineering International Conference, IManE 2013, May 23-24, Iasi, Romania, ISBN-13: 978-3-03785-786-1; published in Applied Mechanics and Materials, Vol. 371 (2013), pp. 389-393, online available at www.scientific.net, © (2013) Trans Tech Publications, Switzerland

doi:10.4028/www.scientific.net/AMM.371.389, <http://www.scientific.net/AMM.371.389>, ISI Proceedings:

http://apps.webofknowledge.com/Search.do?product=UA&SID=P1k2hBJssoftqg6KxdF&search_mode=Refine&prID=49ad16d7-ec7e-48a2-9b97-97a00b81c709

23. "Controlled Properties of the Thin Films of Ni_{0.5}Zn_{0.5}Fe₂O₄- BaTiO₃ Ferrite-Ferroelectric Nanocomposites - Simulational Study", Daniela Ionescu, Maria Kovaci, Proceedings of The 17th International Conference on Innovative Manufacturing Engineering International Conference, IManE 2013, May 23-24, Iasi, Romania, ISBN-13: 978-3-03785-

786-1; published in Applied Mechanics and Materials, Vol. 371 (2013), pp. 383-388, online available at www.scientific.net, © (2013) Trans Tech Publications, Switzerland
doi:10.4028/www.scientific.net/AMM.371.383, <http://www.scientific.net/AMM.371.383>, ISI Proceedings:

http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=4f2d1407-e23f-44b5-8aa7-7dd2914f5fa3

22. "The Electromagnetic Parameters Control by Polarizing Fields Applied to the CdCr₂S₄ Multiferroic Chalcogenide Spinel", Daniela Ionescu, Ion Bogdan, Buletinul Institutului Politehnic din Iași, Publicat de Univ. Th. „Gh. Asachi” din Iași, Secția Matematică. Mecanică teoretică. Fizică, B+, indexat în bază de date: Zentralblatt MATH, ISSN 1244-7863, Tomul LIX (LXIII), Fasc. 2, 2013, in print

21. "Derived Mixture Law for the Ferrite - Ferroelectric Nanocomposites with Controllable Properties", Daniela Ionescu, Maria Kovaci, Proceedings of The 10th International Symposium on Electronics and Telecommunications, ISETC 2012, Nov. 15-16, 2012, Timisoara, Romania, (IEEE Catalog Number: CFP1203L-PRT; ISBN: 978-1-4673-1174-8), pp. 401-404, Print ISBN 978-1-4673-1177-9, ISI Proceedings:

http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=71f0023b-15a8-41d5-bcbe-f0ec26d7c106; in IEEE Xplore:

<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6408152&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F6398044%2F6408039%2F06408152.pdf%3Farnumber%3D6408152>, DOI: 10.1109/ISETC.2012.6408152

20. "About the Tunable Properties of the YIG Films with Applications in Microwave Devices Manufacturing", Daniela Ionescu, I. Bogdan, G. Apreotesei, Buletinul Institutului Politehnic din Iași, publicat de Univ. Th. „Gh. Asachi” din Iași, Secția Construcții de Mașini, B+, indexat în bazele de date: Index Copernicus și Ulrichsweb Database, ISSN 1011 - 2855, Tomul LVIII (LXII), Fasc. 1, 2012, pp. 75-84;

prezentată la: The 6th International Conference on Manufacturing Systems, ICMS 2011, October 20th-21st, 2011, Iasi, Romania

19. "About the Electromagnetic Properties of the Thin Films of Zinc Metaferrites in Microwave Range", Daniela Ionescu, V. Cehan, Proceeding of The 34rd Int. Spring Seminar on Electronics Technology, ISSE 2011, May 11-15 2011, Trstanska Lomnica, SLOVAKIA, ISSN: 2161-2528, Print ISBN: 978-1-4577-2111-3, pp. 470 - 474, indexed in IEEE Xplore: <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6053923&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F6036129%2F6053535%2F06053923.pdf%3Farnumber%3D6053923>; Digital Object Identifier: 10.1109/ISSE.2011.6053923

18. "Simulation Determination of the Negative Permeability for the Metamaterials Based on Sr(ZnTi)Fe₁₀O₁₉ Hexaferrite", Daniela Ionescu, Ion Bogdan, Maria Kovaci, Proceedings of The 2011 IEEE 17th International Symposium for Design and Technology in Electronic Packaging, SIITME 2011, October 20th-23rd, Timisoara, Romania, pp. 201-206, Print ISBN 978-1-4577-1276-0, in IEEE Xplore, DOI: 10.1109/SIITME.2011.6102718, <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6102718&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6102718>

17. "About the Negative Permittivity of Some Metamaterial Composites - Simulational Study", Daniela Ionescu, Maria Kovaci, Proceeding of the 2011 IEEE 17th International Symposium for Design and Technology in Electronic Packaging, SIITME 2011, October 20th-23rd, Timisoara, Romania, pp. 197-200, ISBN 978-1-4577-1277-7/11/\$26.00©2011 IEEE, Print ISBN 978-1-4577-1276-0, indexed in IEEE Xplore:

http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6102717&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6102717 ; Digital Object Identifier: 10.1109/SIITME.2011.6102717

16. "Electromagnetic Parameters Determination for the 5CB and 8CB Liquid Crystals Compounds Used like Novel Tunable Metamaterials", Daniela Ionescu, I. B. Ciobanu, Buletinul Institutului Politehnic din Iași, Publicat de Univ. Th. „Gh. Asachi” din Iași, Secția Matematică. Mecanică teoretică. Fizică, B+, indexed into Zentralblatt MATH, ISSN 1244-7863, Tomul LVII (LXI), Fasc. 2, 2011, pp. 63-72,

<http://www.cm.tuiasi.ro/docs/mate%202011%202%20romana.pdf> ; prezentată la The 4-th National Conference of Applied Physics, CNFA 2010, November 19 - 20, 2010, Iasi, Romania, Abstracts Book pp. 43.

15. "Simulational Study of the YIG Films in the Frequency Range of 18 - 27 Ghz"

Daniela Ionescu, B. Ciobanu

Buletinul I.P.Iasi, Mathematics. Theoretical Mechanics. Physics Section, ed. by the “Gh. Asachi” Technical University of Iași, B+, indexed into Zentralblatt MATH, ISSN 1244-7863, Tomul LVI (LX), Fasc. 4, 2010, pp. 169-176,

<http://www.cm.tuiasi.ro/docs/mate%202010%204%20romana.pdf> ; prezentată la The 4-th National Conference of Applied Physics, CNFA 2010, November 19 - 20, 2010, Iasi, Romania, Abstracts Book pp. 76.

14. "Study of Electromagnetic Properties for the Ba_2FeReO_6 versus Ca_2FeReO_6 Double Perovskites in Microwave Range"

Daniela Ionescu and V. Cehan

Proceeding of the 16th International Symposium for Design and Technology of Electronics Packages, SIITME 2010, 23-26 Sept. 2010, Pitesti, Romania, (in Abstracts Proceedings, Ed. Cavallioti 2010, pp. 188-189, F03), ISBN 9781424481224, pp. 271 - 274,

DOI:10.1109/SIITME.2010.5650800 , (on-line by IEEE Xplore:

<http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5637903%2F5649118%2F05650800.pdf%3Farnumber%3D5650800&authDecision=-203>)

13. "High Frequency Permittivity Determinations for the (PMN-PT)/BaTiO₃ Polymer-Ceramic Nanocomposites"

Daniela Ionescu, V. Cehan

Proceedings of the 33rd International Spring Seminar on Electronics Technology, ISSE 2010 Warsaw, Poland, May 12-16 2010, ISBN 978-83-7207-870-4, Abstracts Book, E021, pp. 200-201, (on-line by IEEE Xplore:

<http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5540659%2F5547245%2F05547313.pdf%3Farnumber%3D5547313&authDecision=-203>)

12. "Comparative Analysis of Some Barium Dielectric Perovskites in Microwave Range"

Daniela Ionescu, I. B. Ciobanu

Buletinul Institutului Politehnic din Iași, publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, Secția Matematică. Mecanică teoretică. Fizică, indexat BDI in Zentralblatt MATH, Tomul LVI (LX), Fasc. 3, 2010, pp. 115-124 ; presented at The International Scientific Conference Design, Technology and Management in Manufacturing, DTMM 2010, 14th – 16th May 2010, Iasi, Romania.

11. "Theoretical And Experimental Approaches To Alpha-Decay Properties Of The Superheavy Elements"

I. B. Ciobanu, I. Silișteanu, Daniela Ionescu

Buletinul Institutului Politehnic din Iași, publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, Secția Matematică. Mecanică teoretică. Fizică, indexat BDI in Zentralblatt

MATH, Tomul LVI (LX), Fasc. 3, 2010, pp. 103-113 ; presented at The International Scientific Conference Design, Technology and Management in Manufacturing, DTMM 2010, 14th – 16th May 2010, Iasi, Romania.

10. "About the Electrical Resistivity of the $La_{1-x}A_xMnO_3$ Manganites in Microwave Range"

Daniela Ionescu, V. Cehan

Proceeding of the 15th International Symposium for Design and Technology of Electronics Packages, SIITME 2009, 17-20 Sept. 2009, Gyula, Hungary, (in Abstracts Proceedings pp. 68 - 69), Print ISBN 978-1-4244-5132-6, pp. 123-128, (on-line by IEEE Xplore: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5407385)

9. "HF Comparative Analysis of Some LTCC Technology Materials by Simulation Methods"

Daniela Ionescu, V. Cehan

Proceedings of The 32nd International Spring Seminar on Electronics Technology, ISSE 2009, 13-17 May, Brno, Czech Republic, Print ISBN 978-1-4244-4260-7, INSPEC Accession Number: 10837823 , pp. 112-118, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=55&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1 ; http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=760ede9d-683b-4db9-9d0e-e84e874fef41), on-line by IEEE Xplore:

<http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5175247%2F5206924%2F05207010.pdf%3Farnumber%3D5207010&authDecision=-203>

8. "Simulation Analysis of the $Fe_{40}Ni_{38}B_{18}Mo_4$ Nano-Crystalline Thin Films, in the 0.3 – 9.6 GHz Domain"

Daniela Ionescu, B. Ciobanu

Proceedings of The 31th International Spring Seminar on Electronics Technology: Reliability and Life-Time Prediction, ISSE 2008, 7-11 May, Budapest, Hungary, Print ISBN 978-1-4244-3972-0, INSPEC Accession Number: 10906097, DOI: 10.1109/ISSE.2008.5276530, pp. 178-182, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=59&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1), on-line by IEEE Xplore: <http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5254892%2F5276417%2F05276530.pdf%3Farnumber%3D5276530&authDecision=-203>

7. "Comparative Analysis of Electric Permittivity for Some HF Board Materials with PTFE Base"

Daniela Ionescu, V. Cehan

Proceedings of The 31th International Spring Seminar on Electronics Technology: Reliability and Life-Time Prediction, ISSE 2008, 7-11 May, Budapest, Hungary, Print ISBN 978-1-4244-3972-0, INSPEC Accession Number: 10905988, DOI: 10.1109/ISSE.2008.5276563, pp. 236-241, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=61&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1), on-line by IEEE Xplore: <http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5254892%2F5276417%2F05276563.pdf%3Farnumber%3D5276563&authDecision=-203>

6. "A Computational Algorithm for Electromagnetic Measurements of the Circuit Parameters"

B. Ciobanu, Daniela Ionescu

Proceedings of The 31th International Spring Seminar on Electronics Technology: Reliability and Life-Time Prediction, ISSE 2008, 7-11 May, Budapest, Hungary, Print ISBN: 978-1-4244-3972-0, INSPEC Accession Number: 10906004, DOI: 10.1109/ISSE.2008.5276593, pp. 578-583, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=63&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1), on-line by IEEE Xplore: <http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F5254892%2F5276417%2F05276593.pdf%3Farnumber%3D5276593&authDecision=-203>

5. "Thermal Shift in Electrical Behavior of Substrate Materials with Improved Flame Resistance"

Daniela Ionescu, B. Ciobanu

Proceedings of The 30th International Spring Seminar on Electronics Technology, ISSE 2007, 9-13 May, Cluj-Napoca, Romania, Vol. 1, ISBN: 1-4244-1218-8, IEEE Catalog Number: 07EX1780C, pp. 346-351, DOI: 10.1109/ISSE.2007.4432877, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=65&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1), on-line by IEEE Xplore 2.0.: http://www.ieeexplore.ieee.org/xpl/freeabs_all.jsp?isnumber=4432807&arnumber=4432877&count=116&index=69

4. "A Study of Effective Permittivity for Thermotropic Liquid Crystals in 7.8 – 12.4 GHz Frequency Range"

Daniela Ionescu, N. D. Alexandru

Proceedings of The 7th International Symposium on Signals, Circuits and Systems, ISSCS 2005, 14-15 July, Iași, România, ISBN: 0-7803-9029-6, pp. 737-740, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=67&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1 ; http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=7fb5cab5-971c-4aff-bd2f-a8256f286325), on-line by IEEE Xplore 2.0.: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1511346.

3. "Noise Behavior of Elementary Transconductors Stages in Bipolar and CMOS Technology"

V. Cehan, R. G. Bozomitu, Daniela Ionescu

Proceedings of The 28th International Spring Seminar on Electronics Technology, ISSE 2005, 19-22 May, Wiener Neustadt, Austria, ÖVE-Schriftenreihe Nr. 39, ISBN: 3-85133-036-6, abstract pp. 56-57, ISI Proceedings

(http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=69&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1 ; http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=902e7b0a-cfb3-4bf8-9069-92a550912ddb), on-line by IEEE Xplore 2.0.:

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1491053.

2. "Composed Material Studies with Microwave Simulation Method"

Daniela Ionescu, V. Cehan

Proceedings of The 26th International Spring Seminar on Electronics Technology, ISSE 2003, 8-11 May, in The High Tatras, Slovak Republic, at Stará Lesná, Vol. 1, ISBN: 0-7803-8002-9/03/\$10.00, DOI: 10.1109/ISSE.2003.1260488, pp. 80-84, ISI Proceedings (http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=71&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1 ; http://apps.webofknowledge.com/Search.do?product=UA&SID=X2t2X11WBhnC7FEHXnC&search_mode=GeneralSearch&prID=cfe40c1e-919b-4cce-bdfb-fd47725c0d2e), (on-line by IEEE Xplore 2.0.: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?tp=&arnumber=1260488&isnumber=28167).

1. “Experimental signal shapes for coupled transmission lines”

V. Cehan, Daniela Ionescu

Proceedings of The 26th International Spring Seminar on Electronics Technology, ISSE 2003, 8-11 May, in The High Tatras, Slovak Republic, at Stará Lesná, ISBN: 0-7803-8002-9/03/\$10.00, DOI: 10.1109/ISSE.2003.1260487, pp. 74-79, Publisher IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, ISI Proceedings (http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=73&SID=S1nz4rubmxBdUHLZnL2&page=1&doc=1 ; http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=16&SID=X2t2X11WBhnC7FEHXnC&page=1&doc=6), on-line by IEEE Xplore 2.0.: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1260487.

Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS:

5. “A computational method for pointing out particle-like properties of electromagnetic radiations”

B. Ciobanu, I. Radinschi, Daniela Ionescu

Buletinul Institutului Politehnic din Iași, Tomul LII(LVI), Fasc. 5, 2006, pag. 123-128, prezentată la The 1st International Symposium of the History of Electrical Engineering and of Tertiary Level Engineering Education IEEE 2006, Iași, Romania, October 12-13, 2006.

4. “Dielectric Properties Analysis of a Nematic Liquid Crystal at Microwave Frequencies”, Daniela Ionescu, Nicolae Dumitru Alexandru

Acta Tehnica Napocensis, Cluj, volume 45, Number 1/2004, ISSN: 1221-6542, pp. 51-54

3. “A Study of the Superficial Current Density in the Drill Walls of Double-Layered PCB Samples”

Daniela Ionescu

Advances in Electrical and Computer Engineering, AECE, Scientific Journal of the Faculty of Electrical Engineering, “Stefan cel Mare” University of Suceava, România, ISSN 1582-7445, e-ISSN: 1844-7600, Volume 3, Issue 2, Year 2003, pp. 110-115.

2. “Nematic Liquid Crystals Study with Microwave Simulation Methods”

Daniela Ionescu, D. Dorohoi

Analele Științifice ale Universității “Al. I. Cuza” Iași, Seria Fizică, tomul XLVIII, 2002, ISSN: 1841-5318, p. 69-74; prezentată la Sesiunea Jubiliară (40 ani) a Facultății de Fizică din Iași, secțiunea Electronică fizică, 24-26 oct. 2002, Iași, România

1. “Evaluation of the electric permittivity of p-azoxyanisol by means of microwave methods”

Daniela Ionescu, D. Dorohoi

Analele Științifice ale Universității “Al. I. Cuza” Iași, Seria Chimie, tomul X, nr. 2, iulie-decembrie 2002, ISSN: 1221-5341, pp. 255-260.

Lucrări științifice publicate în volumele conferințelor internaționale:

36. "Study of the Speed For Data Transfer In The Doped Permalloy Included In The Grid Racetrack Memories", Daniela Ionescu, Maria Kovaci, Proceedings of the 16th International Conference "Modern Technologies, Quality and Innovation - New face of TMCR", ModTech 2012, 24-26 May 2012, Sinaia, Romania, ModTech Publishing House, Iasi, ISSN 2069-6736, pp. 473-476

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Total: 89 lucrări științifice.

Premii:

2. Excellent Paper Award (for Seniors)

at The 13th International Symposium for Design and Technology of Electronic Packaging, SIITME 2007, September 20 – 23, Baia Mare, Romania, for the paper:

"Material analysis of new PCB substrates based on nanostructured ceramic forming polymers" by Daniela Ionescu and P. Duma.

1. Award of Excellence

at The Innovative Manufacturing Engineering International Conference, IManE 2013, May 23-24, Iasi, Romania, for the paper:

"Simulation Determination of the Electromagnetic Parameters for the CdCr₂S₄ Multiferroic Relaxor in GHz Range" by Daniela Ionescu and Maria Kovaci.