

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDDELOR DE ABILITARE [PROFESOR]

Prof.dr.ing. Gabriela Ciuprina

Condiții	Îndeplinire condiții	
A. Doctor	Diploma de Doctor în ramura de știința Tehnică, specializarea Electrotehnică, nr. 142 din 24.03.1999 emisă de Ministerul Educației Naționale	
B. Îndeplinirea standardelor minime naționale conform OMEN nr. 6129 / 20.12.2016	Standarde indeplinite, conform Comisiei CNATDCU Nr 9 (Comisia de Inginerie electrică) Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minime [Punctaj]	Minim prevăzut	Realizat
A1. Activitatea didactică și profesională	120	289.86
A2. Activitatea de cercetare	360	609.14
A3. Recunoașterea și impactul activității	120	797.33
TOTAL (A)	600	1696.33
Condiții minime obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat
A.1.1.1. Cărți și capitole în cărți de specialitate; Cărți cu ISBN/capitole ca autor; pentru profesor minimum 4;	4	7
A.1.2.1. Suport de curs inclusiv electronic pentru profesor: minimum 2 din care 1 ca prim-autor	2	4 (tóate ca unic autor)
A.1.2.2. Îndrumare de laborator/aplicații; pentru profesor: minimum 2, din care 1 prim-autor;	2	2 (din care 1 prim autor)
A. 2.1. Articole în extenso în reviste cotate WOS Thomson-Reuters și în volume proceedings indexate WOS Thomson-Reuters, brevete de invenție WOS; pentru profesor: minim 10 articole din care minim 4 ca prim autor și minim 4 în reviste	10	43 (din care 13 ca prim autor și 17 în reviste)
A. 2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI); pentru profesor: minim 20 de articole din care minim 5 în reviste	20	20 (din care 5 în reviste)
A. 2.4.1. Granturi/proiecte câștigate prin competiție națională/internațional, director/responsabil de proiect; pentru profesor: minimum 2	2	2
A 3.1.1. Citări în reviste WOS și volumele conferințelor WOS; pentru profesor minim 10 citări	10	208
A 3.2.1. Citări în reviste BDI și volumele conferințelor BDI; pentru profesor minim 20 citări	20	52
C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale	Diplomă de Studii Aprofundate / Master, Diploma de Inginer în profilul Electric Specializarea Electrotehnică, Nr 1028 din 26.06.1991, emisă de Institutul Politehnic București, Facultatea de Electrotehnică Alte Diplome Diploma de studii post doctorale în domeniul Inginerie Electrică, emisă de Universitatea Politehnică București, (POS DRU, 2013)	

Subsemnata CIUPRINA Gabriela, Departamentul de Electrotehnică, Facultatea de Inginerie Electrică din Domeniul de Studii Univ. Inginerie Electrică, arondat Comisiei de Specialitate CNATDCU [OMECTS 6573/2012] Nr 9., Inginerie Electrică declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, cele declarate mai sus.

Gabriela Ciuprina



Data

11.09.2018

CIUPRINA Gabriela

Total Puncte 1696.33	A1	Activitatea didactică și profesională		
289.86	A1.1	39.98	Cărți și capitole în cărți de specialitate	
	A1.2	249.88	Suport didactic	
	A1.3	0.00	Coordonare programe de studii, organizare și programe de formare continuă și proiecte educaționale (ERASMUS etc.)	
A2	Activitatea de cercetare			
609.14	A2.1	410.31	Total puncte - reviste ISI + proceedings ISI + Brevete	
	A2.2	118.83	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale	
	A2.3	0.00	Brevete de invenție	
	A2.4	80.00	Granturi/ proiecte câștigate prin competiție	
	A2.5	0.00	Contracte de cercetare/consultanță (valoare echivalentă de minimum 2.000 euro)	
A3	Recunoașterea impactului activității			
797.33	A3.1	339.83	Citari în reviste WOS și volumele conferințelor WOS	
	A3.2	50.50	Citari în reviste BDI și volumele conferințelor BDI	
	A3.3	0.00	Prezentări invitate în plenum unor manifestări științifice naționale și internaționale și profesor invitat (exclusiv POS, ERASMUS)	
	A3.4	342.00	Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice, recenzor pentru reviste și manifestări științifice naționale și internaționale (punctajul se acordă pentru fiecare revistă, manifestare științifică și recenzie)	
	A3.5	25.00	Referent în comisii de doctorat	
	A3.6	40.00	Premii	
	A3.7	0.00	Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	

Criteria APROBATE	A1	A2	A3
Standard Profesor	120	360	120

A1	A2	A3	TOTAL	Comparatie
2.4	1.69207	6.6	3.8553	

INDICE HIRSCH

12.00	Google Scholar
6.00	ISI Thomson Web of Science
6.00	SCOPUS

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Titlu		Nr. pag.	Nr. autori	Puncte
1.1.1.1. Internaționale				
Anton Duca, Laurentiu Duca, Gabriela Ciuprina, Daniel Ioan, „SPSO parallelization strategies for electromagnetic applications” (book chapter), Springer Series in Computational Intelligence, vol 229, pag. 75-95, 2017, ISBN 978-3-319-48506-5				
		20	4	2.5
Gabriela Ciuprina, Jorge Fernández Villena, Daniel Ioan, Zoran Ilievski, Sebastian Kula, E. Jan W. ter Maten, Kastr Mohaghegh, Roland Pulch, Wil H.A. Schilders, L. Miguel Silveira, Alexandra , Stefanescu, and Michael Stribel, Cap 5: "Parameterized Model Order Reduction", Book chapter in the book Coupled Multiscale Simulation and Optimization in Nanoelectronics Series: Mathematics in Industry, Vol. 21 Subseries: The European Consortium for Mathematics in Industry, Günther, Michael (Ed.), June 2015 http://www.springer.com/gp/book/9783662466711 , 93 pages, ISBN 978-3-662-46672-8				
		93	12	3.88
D. Ioan and G. Ciuprina, Reduced Order Models of On-chip Passive Components and Interconnects, Workbench and Test Structures, Book chapter in the book Model Order Reduction: Theory, Research Aspects and Applications (W.H.A. Schilders, H.A. van der Vorst, J. Rommes, Eds.), in the book series Mathematics in Industry, Springer-Verlag, Heidelberg, ISBN: 978-3-540-78840-9 vol. 13, pp.447-467, 2008.				
		20	2	5.00
Total 1.1.1.1.				
1.1.1.2. Naționale				
G. Ciuprina, D.Ioan, I.Munteanu, M.Rebican, R.Popa, Optimizarea numerică a dispozitivelor electromagnetice, 207 pagini, Editura Printech, 2002, ISBN 973-652-465-5.				
		207	5	8.28
I. Munteanu, G. Ciuprina, F.M.G.Tomescu, Modelarea numerică a câmpului electromagnetic prin programe Scilab, Editura Printech, București, România, 2000, 140 pagini, ISBN 973-652-000-5.				
		140	3	9.33
D.Ioan, I.Munteanu, B.Ionescu, M.Popescu, R.Popa, M.Lăzărescu, G.Ciuprina, Metode numerice în ingineria electrică, Editura MATRIX-ROM, Bucuresti, 1998 (326 pagini), ISBN 973-9390-04-8.				
		326	7	9.31
G. Ciuprina, C.B. Diță, M.I. Andrei, and D. Ioan, Hierarchical Sparse Circuits for the Modeling of Homogeneous Domains in High Frequency ICs, Book chapter in the book Advances in Engineering: from theory to application (E. Andronescu, C. Burileanu, Eds.), Politehnica Press, ISBN 978-605-515-381-3, pp.181-188, 2012.				
		8	4	0.40
Total 1.1.1.2.				
1.1.2. Carti / capitol de carti ca editor / coordonator ca autor didactice sau monografii				
1.1.2.1. Internaționale				
G. Ciuprina, D. Ioan (Editors, 121 authors), Scientific Computing in Electrical Engineering, in the Book series Mathematics in Industry, vol. 11, 464 pages, Springer, 2007, ISBN 978-3-540-71979-3.				
		464	121	1.28
Total 1.1.2.1.				
1.1.2.2. Naționale				
Total 1.1.2.2.				
Total 1.1				
1.2. Suport didactic				
Total 1.2				
Total 1.1+1.2				
11.38				
Puncte				
27.33				
Nr. pag.				
Nr. autori				
Puncte				
0.00				

1.2.1. Suport de curs inclusiv electronic				Nr. pag.	Nr. autori	Pcte
Gabriela Ciuprina, Algoritmi numerici pentru calcule științifice în ingineria electrică, Editura MatrixROM, 2013, 201 pagini, ISBN 978-606-25-0008-5.				201	1	20.1
Gabriela Ciuprina, Algoritmi numerici prin exerciții și implementări în Matlab, Editura MatrixROM, 2013, 121 pagini, ISBN 978-606-25-0009-2.				121	1	12.10
Gabriela Ciuprina, Algoritmi numerici - suport de curs electronic (1220 slide-uri), http://an.imn.pub.ro/2017				1220	1	122.00
Gabriela Ciuprina, Bazele electrotehnicii - suport de curs electronic (899 Slide-uri) http://cs.curs.pub.ro/2017/course/view.php?id=50 (site-ul poate fi accesat ca vizitator), 2018.				899	1	89.90
Total 12.1.						244.10
1.2.2. Îndrumare de laborator/aplicații						
G. Ciuprina, M. Rebian, D.Ioan - Metode numerice în ingineria electrică - Îndrumar de laborator pentru studenții facultății de Inginerie electrică, Editura Printech, 2013, 206 pagini, ISBN 978-606-23-0077-7.				206	3	3.43
D. Ioan, I. Munteanu, B. Ionescu, M. Popescu, R. Popa, M. Lăzărescu, G. Ciuprina, Metode numerice - Îndrumar de laborator, 328 pagini, litografia UPB, 1995.				328	7	2.34
Total 12.2.						578
2. Articole științifice în reviste ISI (Eligibile înregistrării dosarului)						
				FI	Nr. Autori	Pcte
Anton Duca, Laurentiu Duca, Gabriela Ciuprina, Asim Egemen Yilmaz, Toga Altinoz, PSO algorithms and GPGPU technique for electromagnetic problems, International Journal of Applied Electromagnetics and Mechanics, Vol. 53, pg. S249-S259, ISI Web of Science WOS 000396838100010, DOI: 10.3233/JAE-140166, 2017				0.804	5	8.216
Gabriela Ciuprina, Daniel Ioan, Rick Janssen, and Edwin van der Heijden, "MEEC Models for RFIC Design Based on Coupled Electric and Magnetic Circuits", IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol.34 no.3, pp. 395-408, 2015. http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=70039979 DOI: 10.1109/TCAD.2014.2387863 WOS:000351764500007				2.089	4	16.695
Okkes Tolga Altinoz, Asim Egemen Yilmaz, Anton Duca and Gabriela Ciuprina, "Incorporating the Avoidance Behavior to the Standard Particle Swarm Optimization 2011", Advances in Electrical and Computer Engineering, (ISSN: 1582-7445) Vol. 15, No. 2, pp. 51-58, 2015. ISI Web of Science WOS 000356808900007, DOI: 10.4316/AECE.2015.02007 http://www.aece.ro/abstractplus.php?year=2015&number=2&article=7				0.699	4	9.745
Okkes Tolga Altinos, Eren Akca, Asim Egemen Yilmaz, Anton Duca and Gabriela Ciuprina, "Parallel Implementation of Desirability Function-Based Scolarization Approach for Multiobjective Optimization Problems", Informatica Journal of Computing and Informatics, Vol. 39, No.2, pp.115-123, 2015, ISI Web of Science WOS:000362399800003, http://www.informatica.si/index.php/informatica/article/viewFile/828/624 ISSN: 0350-5596				0.31	5	6.24
Gabriela Ciuprina, Daniel Ioan, Ioan Alexandru Lazăr, Cosmin Bogdan Diță, Vector Fitting Based Adaptive Frequency Sampling for Compact Model Extraction on HPC Systems, IEEE Transactions on Magnetics, vol.48, no.2, pp.431-434, 2012, ISSN 0018-9464, ISI Web on science, WOS:000299509100067				1.467	4	13.59

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Ioan-Alexandru Lazăr, Gabriela Ciuprina, Daniel Ioan, Effective extraction of accurate reduced order models for HF-ICs using multi-CPU architectures, Inverse Problems in Science and Engineering, Vol 20, no.1, pp. 15-27, 2012, ISSN 1741-5977, ISI Web of science, WOS:000302054600003	1.125	3	15.83
Alexandra Raluca Stefanescu, Gabriela Ciuprina, Daniel Ioan, Variability Models for transmission Lines, Revue Roumaine des Sciences Techniques - Serie Electrotechnique et Energetique, Vol. 55, no.4, pp. 394-404, 2010. ISSN 0035-4066, ISI Web on science, WOS:000286710100007	1.114	3	15.76
D. Ioan, G. Ciuprina, L.M. Silveria, Effective Domain Partitioning With Electric and Magnetic Hooks, IEEE Transactions on Magnetics, Vol. 45, no. 3, pp. 1328-1331, 2009. ISSN: 0018-9464, ISI Web on science, WOS:000264019000096	1.467	3	18.11
Gabriela Ciuprina, Daniel Ioan, Diana Mihalache, Alexandra Stefanescu, The Electromagnetic Circuit Element – the Key of Modelling EM Coupled Integrated Components, Revue Roumaine des sciences techniques – electrotechnique et energetique, vol. 54, no.1 pp. 37-46, 2009. ISI Web on science, WOS:000264503000004	1.114	4	11.82
D. Ioan, G. Ciuprina, WHA Schilders, Parametric Models Based on the Adjoint Field Technique for RF Passive Integrated Components, IEEE Transactions on Magnetics, vol. 44, no.6, pp 1658-1661, 2008. ISSN: 0018-9464, ISI Web on science, WOS:000258183400248	1.467	3	18.11
Daniel Ioan, Wil Schilders, Gabriela Ciuprina, Nick van der Meijs, Wim Schoenmaker, Models for Integrated Components Coupled with their Environment, COMPEL-The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol. 27, no.4, pp.820-829, 2008. ISSN: 0332-1649, ISI Web on science, WOS:000258420500013	0.534	5	7.14
Daniel Ioan, Gabriela Ciuprina, Marius Rădulescu, Absorbing boundary conditions for Compact Modeling of On-chip Passive Structures, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol. 25, no. 3, pp. 652-659, 2006. ISSN: 0332-1649, ISI Web on science, WOS:000239539900014	0.534	3	11.89
Peter Meuris, Gabriela Ciuprina and Ehrenfried Seebacher, High Frequency Simulations and Compact Models compared with measurements for passive on-chip components, International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, vol. 18, no. 3, pp. 189-201, John Wiley, 2005, ISI Web on science, WOS:00022908210000	0.816	3	13.77
Gabriela Ciuprina, Daniel Ioan, Irina Munteanu, Use of Intelligent-Particle Swarm Optimization in Electromagnetics, IEEE Transactions on Magnetics, vol. 38, no. 2, pp. 1037-1040, 2002. ISSN: 0018-9464, ISI Web on science, WOS:000175086800181	1.467	3	18.11
Daniel Ioan, Gabriela Ciuprina, Andras Szigeti, Embedded Stochastic-Deterministic Optimization Method with Accuracy Control, IEEE Transactions on Magnetics, vol. 35, no.3, pp. 1702-1705, 1999. ISSN: 0018-9464, ISI Web on science, WOS:000080490900152, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00767353	1.467	3	18.11
D. Ioan, I. Munteanu, G. Ciuprina, Adjoint Field Technique Applied in Optimal Design of a Nonlinear Inductor, IEEE Transactions on Magnetics, vol. 34, no.5, pp. 2849-2852, 1998. ISSN: 0018-9464, ISI Web on science, WOS:000075960200110, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=717663	1.467	3	18.11
D. Ioan, G. Ciuprina, C. Dumitrescu, Use of Stochastic Algorithms for Distributed Architectures in the Optimization of Electromagnetic Devices, IEEE Transactions on Magnetics, vol. 34, no.5, pp. 3000-3003, 1998. ISSN: 0018-9464, ISI Web on science, WOS:000075960200148, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00717701	1.467	3	18.11
Total 2.1.1.			221.26
2.1.2. Articole în ISI proceedings		Nr. Autori	Pcte
Aurel Sorin Lup, Gabriela Ciuprina, Daniel Ioan, Anton Duca, Alexandra Stefanescu, Dan Vasiliache, Michael Kraft, "Parametric Reduced Order Models in Static Multiphysics Analysis of MEMS Switches", Proceedings of the 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, March 23-25, pages 513-518, 2017. WOS:000403399400100, ISBN:978-1-5090-5160-1		7	3.57

Daniel Ioan, Ruxandra Barbulescu, Jean Ciurea, Gabriela Ciuprina, Przemyslaw Syrek, "Simple hierarchical models of the Transcranial Magnetic Stimulation", Proceedings of the 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, March 23-25, pages 398-403, 2017. WOS:000403399400078, ISBN:978-1-5090-5160-1	5	5	5
Gabriela Ciuprina, Aurel-Sorin Lup, Bogdan Dita, Daniel Ioan, Stefan Sorohan, Dragos Isvoranu, Sebastian Kula, Mixed Domain Macromodels for RF MEMS Capacitive Switches, Proceedings of the 10th International Conference on Scientific Computing in Electrical Engineering (SCEE), Springer Series on Mathematics in Industry, vol. 23 Scientific Computing in Electrical Engineering, pp. 31-39 2016, WOS:000385788900004, https://link.springer.com/chapter/10.1007/978-3-319-30399-4_4 DOI: 10.1007/978-3-319-30399-4_4 Print ISBN 978-3-319-30398-7	7	7	3.57
Anton Duca, Laurentiu Duca, Gabriela Ciuprina, Daniel Ioan, Neighborhood Strategies for QPSO Algorithms to Solve Benchmark Electromagnetic Problems, Proceedings of the 8th International Joint Conference on Computational Intelligence, vol 1: ECTA, NOV 09-11, Porto, PORTUGAL, pp.148-155, 2016. WOS:000393153900015, http://www.scitepress.org/DigitalLibrary/PublicationsDetail.aspx?ID=NHBKFXNME4k=&t=1 ISBN: 978-989-758-201-1 DOI: 10.5220/0006040901480155	4	4	6.25
Aurel Sorin Lup, Gabriela Ciuprina, Stefan Sorohan, Dragos Isvoranu, George Boldeiu, Alexandra Stefanescu, Extraction of Lumped Structural Parameters from Multiphysics Field Simulations for MEMS Switches, International Symposium on Fundamentals of Electrical Engineering (ISFEE), Jun 30-Jul 02, pp.1-6, Bucharest, Romania, 2016, WOS:000392434400046, http://ieeexplore.ieee.org/document/7803194/ DOI: 10.1109/ISFEE.2016.7803194 Electronic ISBN: 978-1-4673-9575-5	6	6	4.17
Gabriela Ciuprina, Daniel Ioan, Aurel-Sorin Lup, Mihai Popescu, Ruxandra Barbulescu, Alexandra Stefanescu, Coupled Multiphysics-RF Reduced Models for MEMS, Proceedings of the first IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), JUL 04-06, pp.1-7, Delhi Technol Univ, Delhi, INDIA, 2016. WOS:000400510501029. http://ieeexplore.ieee.org/document/7853254/ DOI: 10.1109/ICPEICES.2016.7853254 Electronic ISBN: 978-1-4673-8587-9	6	6	4.17
Gabriela Ciuprina, Cosmin-Bogdan Dita, Aurel-Sorin Lup, Daniel Ioan, and Alexandra Stefanescu, "Extraction of TL-lumped RF macromodels for MEMS switches", IEEE MTT-S Int. Conf. on Numerical Electromagnetic and Multiphysics Modeling and Optimization, NEMO 2015, 11-14 August, Ottawa, Canada, 4 pages, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7415062 DOI: 10.1109/NEMO.2015.7415062 Electronic ISBN: 978-1-4799-6811-4, WOS:000380464100072	5	5	5
Mihai Popescu, Aurel-Sorin Lup, Gabriela Ciuprina, Daniel Ioan, "An object oriented data structure designed for multiphysics simulations on parallel computers", 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 7-9 May 2015, Bucharest, Romania, pp. 448-451, DOI: 10.1109/ATEE.2015.7133846, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7133846 WOS:000368159800084 DOI: 10.1109/ATEE.2015.7133846 Electronic ISBN: 978-1-4799-7514-3	4	4	6.25
Cosmin-Bogdan Dita, Aurel-Sorin Lup, Gabriela Ciuprina, Daniel Ioan, "Compact TL-RLC-TL model extraction from FW field solution for RF MEMS capacitive switch", 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 7-9 May 2015, Bucharest, Romania pp. 436-441, DOI: 10.1109/ATEE.2015.7133844 http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7133844 WOS:000368159800082 DOI: 10.1109/ATEE.2015.7133844 Electronic ISBN: 978-1-4799-7514-3	4	4	6.25
Daniel Ioan, Gabriela Ciuprina, W.H.A. Schilders, "Parasitic Inductive Coupling of Integrated Circuits with their Environment", Proceedings of the 2014 International Symposium on Electromagnetic Compatibility (EMC'14/Tokyo), 12-16 May, 2014, Tokyo, Japonia HitotsubashiHall, pages 565-568 http://www.ieice.org/~emc14/. WOS:000411491100142 ISBN:978-4-88552-287-1	3	3	8.33
Aurel-Sorin Lup, Gabriela Ciuprina and Stefan Sorohan, "Parametric Multiphysics Static Models for a Bridge Type MEMS Capacitive Switch", Proceedings of the 49th IEEE International Universities Power Engineering Conference, 2-5 sept 2014, Cluj-Napoca, Romania, ISBN 978-1-4799-6556-4, 5 pages, disponibila la http://ieeexplore.ieee.org/document/6934635/ DOI: 10.1109/UPEC.2014.6934635 Electronic ISBN: 978-1-4799-6557-1 WOS:000364087800041	4	4	6.25

8.33	Sorin Lup, Gabriela Ciuprina, Alexandra Stefanescu, Extraction of Effective Elastic Coefficients from a Coupled Structural Electrostatic Simulation of a MEMS Switch, 2014 INTERNATIONAL SYMPOSIUM ON FUNDAMENTALS OF ELECTRICAL ENGINEERING (ISFEE), 5 pages. Date: NOV 28-29, 2014, Location: Univ Politehn Bucharest, Bucharest, ROMANIA, WOS:000380570500007, ISBN:978-1-4799-6821-3. https://ieeexplore.ieee.org/document/7050539	3	
8.33	Gabriela Ciuprina, Daniel Ioan, and Mihail-Iulian Andrei, Effective HF Modeling of Passive Devices based on Frequency Dependent Hodge Operators and Model Order Reduction, Proceedings of the 34th Progress In Electromagnetics Research Symposium (PIERS) in Stockholm, SWEDEN, 12-15 August, 2013, pp. 310-314. ISSN 1559-9450 WOS:000361384200063 ISBN:978-1-934-142-26-4	3	
8.33	Daniel Ioan, Gabriela Ciuprina, I.A. Lazar, Substrate Modeling Based on Hierarchical Sparse Circuits, SCIENTIFIC COMPUTING IN ELECTRICAL ENGINEERING (SCEE 2010), Book Series: Mathematics in Industry, Volume: 16 Pages: 143-152, DOI: 10.1007/978-3-642-22453-9__16, 2012, WOS:000335745600018, ISBN:978-3-642-22453-9; 978-3-642-22452-2	3	
6.25	Daniel Ioan, Gabriela Ciuprina, C.B. Dita, M.I. Andrei, Electromagnetic Models of Integrated Circuits with Coupled Magnetic Circuits, 2012 INTERNATIONAL CONFERENCE ON ELECTROMAGNETICS IN ADVANCED APPLICATIONS (ICEAA), Pages: 768-771, 2012, WOS:000310356000150, ISBN:978-1-4673-0335-4	4	
12.50	Gabriela Ciuprina, Daniel Ioan - Efficient Modeling of Homogenous Layers in High Frequency Integrated Circuits, Proceedings of the 7th International Symposium on Advanced Topics in Electrical Engineering, May 12-14, 2011, Bucharest, Romania, pp. 19-24. ISSN 2068-7966 ISI Web of science, WOS:000310701200009	2	
5.00	Ioan-Alexandru Lazăr, Mihail-Iulian Andrei, Emanuela Caciulian, Gabriela Ciuprina, Daniel Ioan, Parallel Algorithms for the Efficient Extraction of Fitting Based Reduced Order Models, Proceedings of the 7th International Symposium on Advanced Topics in Electrical Engineering, May 12-14, 2011, Bucharest, Romania, pp. 385-390. ISSN 2068-7966, ISI Web of science, WOS:000310701200012	5	
8.33	Gabriela Ciuprina, Alexandra Stefanescu, Daniel Ioan, Frequency Dependent Parametric Models for Transmission Line Structures, COMPUTER FIELD MODELS OF ELECTROMAGNETIC DEVICES, Book Series: Studies in Applied Electromagnetics and Mechanics, Volume: 34 Pages: 630-637, DOI: 10.3233/978-1-60750-604-1-630, WOS:000393462200061, 2010, ISBN:978-1-60750-604-1; 978-1-60750-603-4	3	
25.00	Gabriela Ciuprina, Scientific Computing in Electrical Engineering SCEE 2008 Introduction to Part I, Scientific Computing in Electrical Engineering, Vol. 14, ISBN 978-3-642-12293-4, pp.5-8, Springer 2010, ISI Web of science, WOS:000290366900002, Springerlink	1	
8.33	Alexandra Stefanescu, Daniel Ioan, and Gabriela Ciuprina, Parametric Models of Transmission Lines Based on First Order Sensitivities, Scientific Computing in Electrical Engineering, Vol. 14, ISBN 978-3-642-12293-4, pp.29-36, Springer 2010. ISI Web of science, WOS:000290366900005, Springerlink	3	
6.25	Gabriela Ciuprina, Daniel Ioan, Diana Mihalache, and Ehrenfried Seebacher, Domain Partitioning Based Parametric Models for Passive On-chip Components, Scientific Computing in Electrical Engineering SCEE 2008, in the series Mathematics in Industry (J. Roos, L. Costa Eds), Vol. 14, ISBN 978-3-642-12293-4, pp. 37-44, Springer, 2010, ISI Web of science, WOS:000290366900006, Springerlink	4	
6.25	Jorge Fernández Villena, Gabriela Ciuprina, Daniel Ioan, Luis Miguel Silveira On the Efficient Reduction of Complete EM based Parametric Models, Design Automation and Test in Europe, DATE 2009, Acropolis, Nice, France, 20-24 April 2009, 6 pages, ISBN 978-3-9810801-5-5, ISI Web of science, WOS:000273246700208, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5090840	4	
3.57	J. Niehof, H.H.J.M. Janssen, W.H.A. Schilders, W. Schoenmaker, Daniel Ioan, Gabriela Ciuprina and W. Pflanzl Domain decomposition via electromagnetic hooks for the modelling of electromagnetic effects of complete RF blocks, IEEE Workshop on signal propagation on interconnects, pp. 64-67, 2008. ISBN: 978-1-4244-2317-0, ISI Web of science, WOS:000258904100016	7	
5.00	Gabriela Ciuprina, Daniel Ioan, Dragos Niculae, Jorge Fernández Villena and Luis Miguel Silveira, Parametric Models Based on Sensitivity Analysis for Passive Components, Book chapter in the book Intelligent Computer Techniques in Applied Electromagnetics, in the book series Studies in Computational Intelligence, Springer Berlin / Heidelberg, vol. 119, ISBN 978-3-540-78489-0, pp. 231-239, 2008, ISI Web of science, WOS:000261540000028	5	

Daniel Ioan, Gabriela Ciuprina. "Parametric Models for Electromagnetic Field Systems Related to Passive Integrated Components". PIERS-2007: Beijing, China: 26-30 March, 2007. pp. 1497-1501. ISI Web of science. WOS:000246922600030. (nu apare in SI la cautarea dupa numele meu, nu are trecut numele, trebuie cautat articolul)	2	12.50
D. Ioan, M. Rebian, G. Ciuprina, P. J. Leonard, 3D FEM Model of a FLUXSET Sensor, Electromagnetic Nondestructive Evaluation (II), Vol 14, pp. 152-159, R. Albanese, G. Rubiaci, T. Takagi, S.S.Udpa (Eds), IOS Press, Amsterdam, 1998, ISBN 978-90-5199-375-2, ISI Web of science, WOS:000075145100020	4	6.25
Total 2.1.2		189.05
2.2.2 Articole in reviste si volume unimanifestari stiintifice indexate in baze de date internationale		
2.2.2.1 Articole in reviste indexate in baze de date internationale	Nr. autori	Pctc
D. Ioan, G. Ciuprina, M. Radulescu and E. Seebacher, Compact Modeling and Fast Simulation of On-Chip Interconnect Lines, IEEE Transactions on Magnetics, vol. 42, no. 4, pp. 547-550, 2006. [ISSN:0018-9464, ISI Web of science, BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1608264	4	5.00
Daniel Ioan, Gabriela Ciuprina, Catalin Giobianu, Hybrid and Concurrent Algorithms for Nonlinear Magnetic Field Problems, IEEE Transactions on Magnetics, vol. 35, no. 4, pp. 1553-1556, 2000. [ISSN: 0018-9464, ISI Web of science, BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00877735	3	6.67
Daniel Ioan, Gabriela Ciuprina, Wil Schilders, Wim Schoenmaker, Michele Stocchi, Ehrenfried Seebacher, Daniel De Zutter, Joseph Maubach, Compact Modeling of Passive on-chip Components - European Research Project FP5/IST/CODESTAR, Revue Roumaine des Sciences Technique - Electrotechnique et Energetique, vol. 51, no. 3, pp. 303-310, 2006. INSPEC	8	2.50
Daniel Ioan, Gabriela Ciuprina, Improved Algorithms for Solving Nonlinear Equations of the Magnetic Field, Revue Roumaine des Sciences Technique - Electrotechnique et Energetique, vol. 48, no.2-3, pp. 209-220, 2003. INSPEC	2	10.00
G. Atanasiu, P. Brad, D. Ioan, G. Ciuprina, Air Gap magnetic permeance estimation for a switched reluctance motor, Revue Roumaine des Sciences Technique - Electrotechnique et Energetique, vol. 43, no.3, pp. 385-390, 1998. INSPEC	4	5.00
Total 2.2.1		29.17
2.2.2.2 Articole in reviste si volume unimanifestari stiintifice indexate in baze de date internationale		
Anton Duca, Laurentiu Duca, Gabriela Ciuprina, Daniel Ioan, "GPGPU vs Multiprocessor SPSO Implementations to Solve Electromagnetic Optimization Problems", 7th Int. Conf. on Evolutionary Computation Theory and Applications (ECTA), 12-14 November 2015, Lisbon, Portugal, 11 pages, http://www.ecta-ijccci.org BDI: IEEEExplore http://ieeexplore.ieee.org/document/7529307/ Electronic ISBN: 978-9-8975-8165-6 DOI: 10.5220/0005596000640073	4	5.00
G. Boldeu, D. Vasiliache, V. Moagar, A. Stefanescu, G. Ciuprina, "Study of the von Mises stress in RF MEMS switch anchors", International Semiconductor Conference (CAS), Sinaia, Romania, 12-14 Oct. 2015, 6 pages. BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7355213 DOI: 10.1109/SMICND.2015.7355213 Electronic ISBN: 978-1-4799-8863-1.	5	4.00
O. Tolga Altinoz, A. Egemen Yilmaz, Anton Duca and Gabriela Ciuprina, "Particle Swarm Optimization with Social Exclusion and its Application in Electromagnetics", Proceedings of the 14th International Conference on Optimization of Electrical and Electronic Equipment, May 22-24, 2014, Brasov, Romania, 6 pages. ISBN:978-1-4799-5183-3, BDI: Scopus	4	5.00

4.00	Ruxandra Barbulescu, Aurel-Sorin Lup, Gabriela Ciuprina, Daniel Ioan, A. Egemen Yilmaz, "Intelligent Particle Swarm Optimization of Superconducting Magnetic Energy Storage Devices", International Symposium on Fundamentals of Electrical Engineering, 28-29 November 2014, Bucharest, Romania (IEEE Conference), 5 pages. BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7050607 DOI: 10.1109/ISFEE.2014.7050607	5	
5.00	Mihail-Julian Andrei, Cosmin-Bogdan Dita, Gabriela Ciuprina and Daniel Ioan, Effective Modeling of HF Integrated Components with Domain Partitioning and Order Reduction. Proceedings of the 8th International Symposium on Advanced Topics in Electrical Engineering, May 23-25, 2013, Bucharest, Romania, 4 pages. ISBN 978-1-4673-5978-8 DOI: 10.1109/AITEE.2013.6563446 BDI: IEEEExplore http://ieeexplore.ieee.org/document/6563446/	4	
6.67	O. Tolga Altinoz, A. Egemen Yilmaz, Gabriela Ciuprina, A Multiobjective Optimization Approach via Systematical Modification of the Desirability Function Shapes Proceedings of the 8th International Symposium on Advanced Topics in Electrical Engineering, May 23-25, 2013, Bucharest, Romania, 6 pages, ISBN 978-1-4673-5978-8 BDI: IEEEExplore, Digital Object Identifier: 10.1109/AITEE.2013.6563448 BDI: IEEEExplore http://ieeexplore.ieee.org/document/6563448/	3	
6.67	O. Tolga Altinoz, A. Egemen Yilmaz, Gabriela Ciuprina, Impact of Problem Dimension on the Execution Time of Parallel Particle Swarm Optimization Implementation. Proceedings of the 8th International Symposium on Advanced Topics in Electrical Engineering, May 23-25, 2013, Bucharest, Romania, 6 pages, ISBN 978-1-4673-5978-8 BDI: IEEEExplore, Digital Object Identifier: 10.1109/AITEE.2013.6563482 http://ieeexplore.ieee.org/document/6563482/ Electronic ISBN: 978-1-4673-5980-1	3	
6.67	O. Tolga Altinoz, A. Egemen Yilmaz, Gabriela Ciuprina, "Use of Kacmaz's Method in Intelligent Particle Swarm Optimization", 8th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, TURKEY, NOV 28-30, 2013, disponible la BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6713898 DOI: 10.1109/ELECO.2013.6713898 Electronic ISBN: 978-605-01-0504-9, pp.526-530	3	
6.67	Daniel Ioan, Gabriela Ciuprina, Alexandru Lazăr, Substrate Modelling Based on Hierarchical Sparse Circuits, Springer Series on Mathematics in Industry, Volume 16, pp. 143-152 Springer, 2012 (Michielsen, Bastiaan; Poirier, Jean-René (Eds.)), ISBN 978-3-642-22453-9, BDI: Springerlink DOI 10.1007/978-3-642-22453-9_16	3	
6.67	Daniel Ioan, Marius Rădulescu, Gabriela Ciuprina, Fast Extraction of Static Electric Parameters with Accuracy Control, in the Book of proceedings Scientific Computing in Electrical Engineering (W.H.A.Schilders et al Eds), in the Book Series Mathematics in Industry, vol.4, pp.248-256, Springer, 2004. ISBN: 978-3-540-21372-7 BDI: Springer link	3	
6.67	D. Ioan, G. Ciuprina and S. Kula, Reduced order models for HF interconnect over lossy semiconductor substrate, IEEE Workshop on signal propagation on interconnects, pp. 233-236, 2007, ISBN: 978-1-4244-1223-5, BDI: Scopus	3	
6.67	G. Ciuprina, D. Ioan and D. Mihalache, Reduced Order Electromagnetic Models based on dual Finite Integrals Technique, Book chapter in the book Scientific Computing in Electrical Engineering, in the book series Mathematics in Industry (G. Ciuprina, D. Ioan Eds), ISBN 978-3-540-71979-3, Vol. 11, pp. 287-294, Springer, 2007, BDI: Springerlink	3	
6.67	Stefanescu, G. Ciuprina, D. Ioan, D. Mihalache, Models for variability of transmission line structures, IEEE Workshop on signal propagation on interconnects, pp. 232-235, 2008. ISBN: 978-1-4244-2317-0, BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4558402	3	
6.67	D. Ioan, Gabriela Ciuprina, M. Rădulescu, Algebraic Sparsefied Partial Equivalent Circuit (ASPEEC), Book chapter in the book Scientific Computing in Electrical Engineering (M. A. Anile et al Eds), in the book series Mathematics in Industry Springer, Vol. 9, ISBN 978-3-540-32861-2, pp 45-50, 2006, BDI: Springerlink	3	

Daniel Ioan, Gabriela Ciuprina and Marius Rădulescu, Theorems of Parameter Variations Applied for the Extraction of Compact Models of On-chips Passive Structures, Proceedings of the International Symposium on Signals, Circuits and Systems, ISSCS 2005, Iasi, Romania, vol.1, pp.147-150, 2005. ISBN: 0-7803-9029-6 , BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1509872

Total 2.2.2.	89.67	3	6.67
Total 2.2.	113.83		

2.3. Breve de invenție			Pcte
			0

2.4.1. Granturi castigate prin competitie ca director/responsabil de proiect			Nr. ani	Pcte
2.4.1.1. Granturi internationale castigate prin competitie ca director/responsabil de proiect				
Total 2.4.1.1.				0
2.4.1.2. Granturi nationale castigate prin competitie ca director/responsabil de proiect				
Director de proiect - Instrumente software avansate și metodologii pentru modelarea multificată și simularea microcomutatoarelor de radio-frecvență - ToMeMS, (PN-II-PT-PCCA-2011-3.1-0842) nr 5 / 03.07.2012, http://imems.imn.pub.ro , 2012-2016.		5		50
Responsabil de proiect - PN-II-PT-PCCA-2013-4- Contract nr. 15/2014 - Senzori de temperatura bazat pe structuri de tip SAW pe AIN/Si cu frecventa de rezonanta in domeniul gigahertziilor (SETSAL) 2014-2016, http://www.imt.ro/setsal/		3		30
				0
				0
Total 2.4.1.2.				80
Total 2.4.1.				80

2.4.2. Granturi castigate prin competitie ca membru in echipa				
2.4.2.1. Granturi internationale castigate prin competitie ca membru in echipa			Nr. ani	Pcte
				0
				0
				0
				0
Total 2.4.2.1.				0
2.4.2.2. Granturi nationale castigate prin competitie ca membru in echipa			Nr. ani	Pcte
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0

Gabriela Ciuprina, Daniel Ioan, Ioan Alexandru Lazăr, Cosmin Bogdan Diță, Vector Fitting Based Adaptive Frequency Sampling for Comp. Model Extraction on HPC Systems, IEEE Transactions on Magnetics, vol.48, no.2, pp.431-434, 2012, ISSN 0018-9464, ISI Web on science, WOS:000239509100067	2	4	2.50
D. Ioan, G. Ciuprina, W.H.A Schilders, Parametric Models Based on the Adjoint Field Technique for RF Passive Integrated Components, IEEE Transactions on Magnetics, vol. 44, no.6, pp.1658-1661, 2008. ISSN: 0018-9464, ISI Web on science, WOS:000258183400248	2	3	3.33
Daniel Ioan, Gabriela Ciuprina, Andras Szigeti, Embedded Stochastic-Deterministic Optimization Method with Accuracy Control, IEEE Transactions on Magnetics, vol. 35, no.3, pp. 1702-1705, 1999. ISSN: 0018-9464, ISI Web on science, WOS:000080490900152, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00767353	1	3	1.67
Okkes Tolga Altinoz, Asim Egemen Yilmaz, Anton Duca and Gabriela Ciuprina, "Incorporating the Avoidance Behavior to the Standard Particle Swarm Optimization 2011", Advances in Electrical and Computer Engineering, (ISSN: 1582-7445) Vol. 15, No. 2, pp. 51-58, 2015. ISI Web of Science WOS 000356808900007, DOI: 10.4316/AECE.2015.02007 http://www.aeece.ro/abstractplus.php?year=2015&number=2&article=7	4	4	5.00
D. Ioan, Gabriela Ciuprina, M. Rădulescu, Algebraic Sparsefied Partial Equivalent Circuit (ASPEEC), Book chapter in the book Scientific Computing in Electrical Engineering (M. A. Anile et al Eds), in the book series Mathematics in Industry Springer, Vol. 9, ISBN 978-3-540-32861-2, pp 45-50, 2006, ISI Web of science, WOS:000241665300007, Springerlink	1	3	1.67
D. Ioan, G. Ciuprina, C. Dumitrescu, Use of Stochastic Algorithms for Distributed Architectures in the Optimization of Electromagnetic Devices, IEEE Transactions on Magnetics, vol. 34, no.5, pp. 3000-3003, 1998. ISSN: 0018-9464, ISI Web on science, WOS:000075960200148, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00717701	1	3	1.67
Anton Duca, Laurențiu Duca, Gabriela Ciuprina, Daniel Ioan, Neighborhood Strategies for QPSO Algorithms to Solve Benchmark Electromagnetic Problems, Proceedings of the 8th International Joint Conference on Computational Intelligence, vol 1: ICTA, NOV 09-11, Porto, PORTUGAL, pp.148-155, 2016. WOS:000393153900015, http://www.scitepress.org/DigitalLibrary/PublicationsDetail.aspx?ID=NHBFxNME4k=&t=1 ISBN: 978-989-758-201-1 DOI: 10.5220/0006040901480155	1	4	1.25
Okkes Tolga Altinoz, Eren Akca, Asim Egemen Yilmaz, Anton Duca and Gabriela Ciuprina, "Parallel Implementation of Desirability Function-Based Sclarization Approach for Multiobjective Optimization Problems", Informatica Journal of Computing and Informatics, Vol. 39, No.2, pp.115-123, 2015, ISI Web of Science WOS:000362399800003, http://www.informatica.si/index.php/informatica/article/viewFile/828/624 ISSN: 0350-5596	1	5	1.00
Ioan-Alexandru Lazăr, Gabriela Ciuprina, Daniel Ioan, Effective extraction of accurate reduced order models for HF-ICs using multi-CPU architectures, Inverse Problems in Science and Engineering, Vol 20, no.1, pp. 15-27, 2012. ISSN 1741-5977, ISI Web of science, WOS:000302054600003	1	3	1.67
Alexandra Raluca Stănescu, Gabriela Ciuprina, Daniel Ioan, Variability Models for transmission Lines, Revue Roumaine des Sciences Techniques - Serie Electrotechnique et Energetique, Vol. 55, no.4, pp. 394-404, 2010. ISSN 0035-4066, ISI Web on science, WOS:000286710100007	1	3	1.67
D. Ioan, M. Rebian, G. Ciuprina, P.J. Leonard, 3D FEM Model of a FLUXSET Sensor, Electromagnetic Nondesctructive Evaluation (II), Vol 14, pp.152-159, R.Albanese, G. Rubinacl, T. Takagi, S.S. Udpa (Eds), IOS Press, Amsterdam, 1998, ISBN 978-90-5199-375-2, ISI Web of science, WOS:000075145100020	1	4	1.25
D. Ioan and G. Ciuprina, Reduced Order Models of On-chip Passive Components and Interconnects, Workbench and Test Structures, Book chapter in the book Model Order Reduction: Theory, Research Aspects and Applications (W.H.A. Schilders, H.A. van der Vorst, J. Rommes, Eds.), in the book series Mathematics in Industry, Springer-Verlag, Heidelberg, ISBN: 978-3-540-78840-9 vol. 13, pp.447-467, 2008.	3	2	7.50
Daniel Ioan, Marius Rădulescu, Gabriela Ciuprina, Fast Extraction of Static Electric Parameters with Accuracy Control, in the Book of proceedings Scientific Computing in Electrical Engineering (W.H.A.Schilders et al Eds), in the Book Series Mathematics in Industry, vol.4, pp.248-256, Springer, 2004. ISBN: 978-3-540-21372-7 BDI Springer link	2	3	3.33
Total (31)			
3.2. Citații în reviste BDI și volumele conferințelor BDI - detalii în documentul anexat	Nr citari	Nr autori	
Gabriela Ciuprina, Daniel Ioan, Irina Munteanu, Use of Intelligent-Particle Swarm Optimization in Electromagnetics, IEEE Transactions on Magnetics, vol. 38, no. 2, pp. 1037-1040, 2002. ISSN: 0018-9464, ISI Web on science, WOS:000175086800181	33	3	33.00
D. Ioan, G. Ciuprina, M. Rădulescu and E. Seebacher, Compact Modeling and Fast Simulation of On-Chip Interconnect Lines, IEEE Transactions of Magnetics, vol. 42, no. 4, pp 547-550, 2006. ISSN: 0018-9464, ISI Web on science, WOS:000236675200012, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1608264	1	4	0.75
Daniel Ioan, Wil Schilders, Gabriela Ciuprina, Nick van der Meijs, Wim Schoenmaker, Models for Integrated Components Coupled with their Environment, COMPEL-The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol. 27, no.4, pp.820-829, 2008. ISSN: 0332-1649, ISI Web on science, WOS:000258420500013	2	2	3.00
D. Ioan and G. Ciuprina, Reduced Order Models of On-chip Passive Components and Interconnects, Workbench and Test Structures, Book chapter in the book Model Order Reduction: Theory, Research Aspects and Applications (W.H.A. Schilders, H.A. van der Vorst, J. Rommes, Eds.), in the book series Mathematics in Industry, Springer-Verlag, Heidelberg, ISBN: 978-3-540-78840-9 vol. 13, pp.447-467, 2008.	4	5	2.40

Daniel Ioan, Gabriela Ciuprina, Marius Rădulescu, Absorbing boundary conditions for Compact Modeling of On-chip Passive Structures, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol. 25, no. 3, pp. 652-659, 2006. ISSN: 0332-1649, ISI Web of science, WOS:000239539900014	3	1.00
D.Ioan, G.Ciuprina, C.Dumitrescu, Use of Stochastic Algorithms for Distributed Architectures in the Optimization of Electromagnetic Devices, IEEE Transactions on Magnetics, vol. 34, no.5, pp. 3000-3003, 1998. ISSN: 0018-9464, ISI Web of science, WOS:000075960200148, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00717701	4	0.75
D. Ioan, G. Ciuprina, L.M. Silveria, Effective Domain Partitioning With Electric and Magnetic Hooks, IEEE Transactions on Magnetics, Vol. 45, no. 3, pp. 1328-1331, 2009. ISSN: 0018-9464, ISI Web of science, WOS:000264019000096	3	1.00
D. Ioan, G. Ciuprina and S. Kula, Reduced order models for HF interconnect over lossy semiconductor substrate, IEEE Workshop on signal-propagation on interconnects, pp. 233-236, 2007. ISBN: 978-1-4244-1223-5, ISI Web of science, WOS:000257063800054, Scopus	3	1.00
D. Ioan, M.Rebican, G.Ciuprina, P.J.Leonard, 3D FEM Model of a FLUXSET Sensor, Electromagnetic Nondesructive Evaluation (II), Vol 14, pp. 152-159, R.Albanese, G.Rubinaci, T.Takagi, S.S.Udpa (Eds), IOS Press, Amsterdam, 1998, ISBN 978-90-5199-375-2, ISI Web of science, WOS:000075145100020	3	1.00
Gabriela Ciuprina, Daniel Ioan, Ioan Alexandru Lazăr, Cosmin Bogdan Diță, Vector Fitting Based Adaptive Frequency Sampling for Compact Model Extraction on HPC Systems, IEEE Transactions on Magnetics, vol.48, no.2, pp.431-434, 2012, ISSN 0018-9464, ISI Web of science, WOS:000299509100067	5	0.60
Daniel Ioan, Gabriela Ciuprina and Marius Rădulescu, Theorems of Parameter Variations Applied for the Extraction of Compact Models of On-chips Passive Structures, Proceedings of the International Symposium on Signals, Circuits and Systems, ISSCS 2005, Iasi, Romania, vol.1, pp.147-150, 2005. ISBN: 0-7803-9029-6, ISI Web of science, WOS:000231532900037, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1509872	3	2.00
Daniel Ioan, Gabriela Ciuprina, Catalin Ciobotaru, Hybrid and Concurrent Algorithms for Nonlinear Magnetic Field Problems, IEEE Transactions on Magnetics, vol. 36, no.4, pp. 1553-1556, 2000. ISSN: 0018-9464, ISI Web of science, WOS:000090067900207, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=00877735	3	1.00
G. Boldoiu, D. Vasilache, V. Moagar, A. Stefanescu, G. Ciuprina, "Study of the von Mises stress in RF MEMS switch anchors", International Semiconductor Conference (CAS), Sinaia, Romania, 12-14 Oct. 2015, 6 pages. http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7355213 DOI: 10.1109/SMICND.2015.7355213 Electronic ISBN: 978-1-4799-8863-1, WOS:000380566400043	3	1.00
J. Niehof, H.H.J.M. Janssen, W.H.A. Schilders, W. Schoenmaker, Daniel Ioan, Gabriela Ciuprina and W. Pflanzl Domain decomposition via electromagnetic hooks for the modelling of electromagnetic effects of complete RF blocks, IEEE Workshop on signal propagation on interconnects, pp. 64-67, 2008. ISBN: 978-1-4244-2317-0, ISI Web of science, WOS:000258904100016	3	2.00
Total 3.2.		
Puncte		
3.3.1. Prezentări - internaționale		
Total 3.3.1.		
Puncte		
3.3.2. Prezentări - naționale		
Total 3.3.2.		
Puncte		
Total 3.3.		
3.4. Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice organizator de manifestări științifice pentru reviste și manifestări științifice naționale și internaționale (punctajul se acordă pentru fiecare revista, manifestare științifică și recenzie)		
3.4.1. ISI		
A.		Puncte
30recenzii ISI (22 TMAG, 2 COMPEL, 2 OPTIM 2012, 4 ATEE 2011)		300
B.		Puncte
		300

C.							Puncte	0	
								0	
Total 3.4.1.								300	
3.4.2. BDI							Puncte	36	
A.	6 activitati (5 recenzii ATEE 2013, organizator SCEE 2006)							Puncte	36
B.							Puncte	36	
C.							Puncte	0	
Total 3.4.2								36	
3.4.3. Nationale și internaționale indexate							Puncte	6	
A.	2 recenzii buletinul UPB							Puncte	6
B.							Puncte	0	
C.							Puncte	0	
Total 3.4.3								6	
3.5. Referenți în comisii de doctorat naționale							Puncte	15	
Alexandra Stefanescu (2009), Sebastian Kula (2009), Mihail Iulian Andrei (2012)							Puncte	15.00	
Total 3.5.1								15.00	
3.5.2. Referenți în comisii doctorat internaționale							Puncte	10	
Mikko Honkala, "Building blocks for fast circuit simulation", Aalto University School of Electrical Engineering, Finland, 2012							Puncte	10.00	
Total 3.5.2								10.00	
Total 3.5								25.00	
3.6. Premii							Puncte	30	
3.6.1. Premii - Academia Română							Puncte	30.00	
Premiul „Gh. Cartianu” (in colectiv) al Academiei Romane, sectiunea Information Science and Technology, in 1998.							Puncte	30.00	
Total 3.6.1								30.00	
3.6.2. Premii - ASA, AOSR, academii de ramură și CNCS							Puncte	0.00	
Total 3.6.2.								0.00	

3.6.3. Premii - Internaționale 2005), Vigo, Spania		Puncte	10
			10.00
Total 3.6.3.		Puncte	
3.6.4. Premii - Naționale			
			0.00
Total 3.6.4.			40.00
Total 3.6.			
3.7. Membri în academii, organizații profesionale de prestigiu, naționale și internaționale, apartenență la organizații în domeniul educației și cercetării			
3.7.1. Academia Română			
			0.00
Total 3.7.1.			0.00
3.7.2. ASAS, AOSR și academii de ramură			
			0.00
Total 3.7.2.			0.00
3.7.3. Conducere asociații profesionale			
3.7.3.1. Internaționale			
			0.00
Total 3.7.3.1.			0.00
3.7.3.2. Naționale			
			0.00
Total 3.7.3.2.			0.00
Total 3.7.3.			0.00
3.7.4. Asociații profesionale			
3.7.4.1. Internaționale			
			0.00
Total 3.7.4.1.			0.00
3.7.4.2. Naționale			
			0.00
Total 3.7.4.2.			0.00
Total 3.7.4.			0.00
3.7.5. Comisii și organizații în domeniul educației și cercetării			
3.7.5.1. Conducere			
			0.00
Total 3.7.5.1.			0.00
3.7.5.2. Naționale			
			0.00
Total 3.7.5.2.			0.00
Total 3.7.5.			0.00
Total 3.7.			0.00
A3. Total puncte recunoașterea impactului activității			797.33