

UNIVERSITATEA "POLITEHNICA" DIN BUCUREȘTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR PENTRU ABILITARE

CANDIDAT **Prof. Dr. ing. Mihaela MOREGA**
 Departamentul **Mașini, Materiale și Acționări Electrice**
 Facultatea **Inginerie Electrică**

Condiții		Îndeplinire condiții	
A. Doctor	Diploma de Doctor, Titlul științific de Doctor Inginer, Ordinul 8474 al Min. Edu. și Înv. din 1.11.1988, conform hotărârii Cons. Prof. al Fac de Electrotehnică și Energetică, Inst. Politehnic din București, din data de 8.07.1988		
B. Îndeplinirea standardelor minime naționale conform OMEN nr. 4204/15.07.2013 (Anexa 9 – Comisia Inginerie Electrică)		Standarde indeplinite, conform Comisiei CNATDCU Nr. 9 INGINERIE ELECTRICĂ Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minimale [Punctaj]		Minim prevăzut	Realizat
A1. Activitatea didactică și profesională		80	247
A2. Activitatea de cercetare		300	1190
A3. Recunoașterea și impactul activității		60	842
TOTAL (A)		440	2279
Condiții minimale obligatorii pe subcategorii [Număr]		Minim prevăzut	Realizat
A.1.1.1. Cărți și capitole în cărți de specialitate; Cărți cu ISBN/capitole ca autor, didactice sau monografii		4	5 cărți + 6 capitole
A.1.2.1. Suport didactic; Suport de curs, inclusiv electronic		2 (1 ca prim autor)	6 (6 ca unic autor)
A.1.2.2. Suport didactic; Îndrumare de laborator / aplicații		2 (1 ca prim autor)	9 (6 ca prim autor)
A. 2.1 Articole în extenso în reviste cotate și în volume proceedings indexate ISI Thomson Reuters și brevete de invenție		8	58 (16 rev. + 40 proc. + 2 brevete)
A. 2.1.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale		16	44 (20 rev. + 24 proc.)
A. 2.3.1. Granturi / proiecte câștigate prin competiție Director / responsabil		2	7
C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale		Diploma de Inginer , în profilul Electric, specializarea Electrotehnică, Nr. 58991 din 10.12.1980 și Anexa 388168/58991 emise de Inst. Politehnic din București, Fac. de Electrotehnică	

Subsemnata Mihaela MOREGA, candidată pentru obținerea atestatului de abilitare în domeniul Inginerie Electrică declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, că sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2013 pentru înscrierea la concursul de Profesor [Secțiunea II.3], OMECTS 6560/2012 și OMEN nr. 4204/15.07.2013 Comisia Inginerie Electrică, în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta data.

Candidat,
Prof.dr. ing. Mihaela MOREGA

Data
29.02.2016



ANEXĂ DE CALCUL LA FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR PENTRU ABILITARE
Conform Ordinului nr. 6.560/2012 - Anexa 9 Comisia Inginerie Electrică (actualizată prin OM nr. 4204/15 iulie 2013)

Prof. dr. ing. Mihaela MOREGA

A1. Activitatea didactică și profesională (A1)

1.1. Cărți și capitole în cărți de specialitate

1.1.1. Cărți cu ISBN / capitole ca autor didactice sau monografii

Nr. pag.	Nr. autori	Puncte
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1.1.1.1. Internaționale (nr. pagini / 2 * nr. autori)

1	A.M. Morega, A. Negoiaș, <u>Mihaela Morega</u> , "Heat Transfer Analysis of Spherical Cell Photovoltaic Modules used in Energy Harvesting Applications", in "Renewable Energy - Selected Issues Volume I", Editors: Manuel Perez-Donsion, Silvano Vergura, Gianpaolo Vitale, ISBN: 978-1-4438-8377-1, Cambridge Scholars Publishing 2016, p. 424-439, http://www.cambridgescholars.com/renewable-energy	15	3	2.50
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Total 1.1.1.1.

2.50

1.1.1.2. Naționale (nr. pagini / 5 * nr. autori)

1	<u>Morega Mihaela</u> - <i>Bioelectromagnetism</i> , Ed. Matrix Rom, București, 1999, ISBN 973-685-056-0.	246	1	49.20
2	<u>Morega Mihaela</u> , Morega Al.M., Gheorghe Adina, Machedon Alina - <i>Probleme de Bioinginerie. Modele numerice</i> , Ed. MatrixRom 2001, ISBN – 973-685-321-7.	160	4	8.00
3	Fransua Alexandru, Covrig Mircea, <u>Morega Mihaela</u> , Vasile, Nicolae - <i>Conversia electromecanică a energiei</i> , Ed. Tehnică, București, 1999, ISBN 973-31-1373-5.	196	4	9.80
4	Fransua Alexandru, Covrig Mircea, <u>Morega Mihaela</u> , Vasile, Nicolae - <i>Introducere in teoria convertoarelor electromecanice</i> , Ed. Printech, București, 1999, ISBN 973-9475-70-1	187	4	9.35
5	<u>Morega Mihaela</u> , Machedon Alina, Gheorghe Adina Andreea - <i>Mașini Electrice pentru Acționări în Transporturi</i> , Ed. Matrix Rom, București 2000, ISBN 973-685-061-7	182	3	12.13
6	Morega Mihaela - Capitolele "Tomografia computerizata cu emisie de fotoni" si "Tomografia cu emisie de pozitroni" în cartea <i>Introducere în Imagistica Medicală</i> , Ed. MatrixRom, București 2002, ISBN 973-685-469-8i.	30	1	6.00
7	Morega A.M., Dobre A.A., Ipate Mihaela Corina, <u>Morega Mihaela</u> - <i>Electrical activity of the heart by numerical simulation</i> , in "Topics in Mathematical Modelling of Life Science Problems", Editors: Stelian Ion, Constantin Popa, Ed. MatrixRom, 2012, ISBN 978-973-755-772-8 p. 87-96	10	4	0.50
8	Morega A.M., Dobre A.A., <u>Morega Mihaela</u> - "Blood Flow Indices Assessment by Electrocardiometry", in "Topics in Mathematical Modelling of Life Sciences Problems", Editors: Stelian Ion and Constantin Popa, Ed. MatrixRom, 2013, ISBN:2344-1801, p. 115-138	23	3	1.53

9	Mihaela Morega, A.M. Morega, <i>Numerical simulation for dosimetric analysis of EMF interaction with human body</i> , in "Electromagnetic Compatibility / Electromagnetic Field R&D in Romania", Editor: A. Marinescu, Editura AGIR, Bucuresti, 2014, ISBN 978-973-720-521-6, p. 60-64	5	2	0.50
10	Jana Pinte, A. Marinescu, Mihaela Morega, <i>Current aspects and trends in standardization, with reference to general exposure in near field electromagnetic radiation</i> , in "Electromagnetic Compatibility / Electromagnetic Field R&D in Romania", Editor: A. Marinescu, Editura AGIR, Bucuresti, 2014, ISBN 978-973-720-521-6, p. 212-217	6	3	0.40
Total 1.1.1.2.				97.42
1.1.2. Cărți / capitole de cărți ca editor / coordonator		Nr. pag.	Nr. autori	Pcte
1.1.2.1. Internaționale (nr. pagini / 3 * nr. autori)				
Total 1.1.2.1.				0.00
1.1.2.2. Naționale (nr. pagini / 7 * nr. autori)				
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Total 1.1.2.2.				0.00
Total 1.1 (1.1.1.1 + 1.1.1.2 + 1.1.2.1 + 1.1.2.2)				99.92
1.2. Suport didactic				
1.2.1. Suport de curs inclusiv electronic (nr. pagini / 10 * nr. autori)		Nr. pag.	Nr. autori	Pcte
1	Morega Mihaela- <i>Mașini și elemente de acționări electrice - note de curs</i> , centrul de multiplicare UPB, 1994.	163	1	16.30
2	Mihaela Morega - <i>Convertoare electromecanice (Masini electrice) - note de curs</i> in format electronic, 1996 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	194	1	19.40
3	Mihaela Morega - <i>Bioelectromagnetism - note de curs</i> in format electronic, 1996 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	294	1	29.40
4	Mihaela Morega - <i>Mediul electromagnetic (Modulul 1 al cursului "Evaluarea impactului sistemelor electrice asupra mediului", note de curs</i> , 2010 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	98	1	9.80
5	Mihaela Morega - <i>Semnale Bioelectrice - note de curs</i> in format electronic, 2009 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	232	1	23.20
6	Mihaela Morega - <i>Optimizare tehnico-economica - note de curs</i> in format electronic, 2006 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	157	1	15.70
Total 1.2.1.				113.80
1.2.2. Îndrumare de laborator / aplicații (nr. pagini / 20 * nr. autori)				
1	Bălă C.V., <u>Morega Mihaela</u> - <i>Transformatorul electric - îndrumar de proiectare</i> , centrul de multiplicare IPB, 1988	138	2	3.45
2	Mihalache M., <u>Morega Mihaela</u> , Kreindler L., Covrig M. - <i>Electrotehnică și mașini electrice - îndrumar de laborator</i> , centrul de multiplicare IPB, 1990	115	4	1.44

3	Țogui Luxandra, <u>Morega Mihaela</u> - <i>Mașini electrice - îndrumar de aplicații</i> , centrul de multiplicare UPB, 1997	162	2	4.05
4	<u>Morega Mihaela</u> , Morega Al. M. - <i>Modelare în bioinginerie - îndrumar de aplicații</i> , centrul de multiplicare UPB, 1998	74	2	1.85
5	<u>Morega Mihaela</u> , Machedon Alina - <i>Mașini electrice - îndrumar pt aplicații</i> , Ed. MatrixRom, București, 2005, ISBN 973-685-978-9	77	2	1.93
6	Mihaela Morega - <i>Convertoare electromecanice (Mașini electrice) - lucrari de laborator si aplicatii numerice</i> - format electronic, 2008 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	64	1	3.20
7	Mihaela Morega - <i>Bioelectromagnetism/Semnale bioelectrice - lucrari de laborator</i> , format electronic, 2009 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	84	1	4.20
8	Mihaela Morega - <i>Mediul electromagnetic (Modulul 1 al disciplinei "Evaluarea impactului sistemelor electrice asupra mediului", lucrari de laborator</i> - format electronic, 2010 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	40	1	2.00
9	Mihaela Morega - <i>Optimizare tehnico-economica - miniproiecte de modelare numerica</i> - format electronic, 2008 - prezent (se actualizeaza anual si se incarca pe situl de cursuri http://www.electro.pub.ro/utile/suport-cursuri-online/)	24	1	1.20
Total 1.2.2.				23.31
Total 1.2 (1.2.1 + 1.2.2)				137.11
1.3. Coordonare programe de studii, organizare și programe de formare continuă și proiecte educaționale (POS, ERASMUS etc.) (10 puncte / activitate)				Pcte
Coordonare program master Inginerie Medicala, 2009-prezent (inițiat în 2002 la Dept. de Bioinginerie și Biotehnologie și acreditat în 2011 la Facultatea de Inginerie Medicala)				10.00
Total 1.3				10.00
TOTAL A1 (1.1 + 1.2 + 1.3)				247.03
A2. Activitatea de cercetare (A2)				
2.1. Articole în extenso în reviste cotate și în volume proceedings indexate ISI Thomson-Reuters*), brevete de invenție				
2.1.1. Articole în reviste ISI ((25 + 20 * factor impact) / nr de autori)		JIF (2014) conform ISI Thomson Reuters	Nr. Autori	Pcte
1	<u>Morega Mihaela</u> , Bejan A., "Plate fins with variable thickness and height for air-cooled electronic modules", <i>International Journal of Heat and Mass Transfer</i> , ISSN: 0017-9310, vol. 37 /1994, Suppl., p. 433 - 444, Accession Number: WOS:A1994NE24800042, JIF (2014): 2.383	2.383	2	36.33
2	<u>Mihaela Morega</u> , Simona Miclaus, Alina Machedon, "Analysis of the Electromagnetic Field in a Controlled Enclosure for Biological Dosimetry, Part 1 – Design and Validation of the Numerical Model", <i>Rev. Roum. Sci. Techn. – Serie Electrotechn. et Energ.</i> , Romanian Academy Publishing House, ISSN: 0035-4066, tome 53, no.2/2008, p. 225-235, Accession Number: WOS:000257350500009, JIF (2014): 0.333	0.333	3	10.55
3	<u>Mihaela Morega</u> , A.M. Morega, " Analysis of the Electromagnetic Field in a Controlled Enclosure for Biological Dosimetry, Part 2 – EMF analysis of characteristic working conditions", <i>Rev. Roum. Sci. Techn. – Serie Electrotechn. et Energ.</i> , Romanian Academy Publishing House, ISSN: 0035-4066, tome 53, no.3/2008, p. 329-338, Accession Number: WOS:000260440200010, JIF (2014): 0.333	0.333	2	15.83

4	H. Kawahara, A. M. Morega, <u>Mihaela Morega</u> , "Heat Transfer in Electroconductive Fluids. A Highly Simplified Mark&Cell Simulation", <i>Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique</i> , ISSN 0035-4066, tome 54, no. 1/2009, p. 67-76, Accession Number: WOS:000264503000007, JIF (2014): 0.333	0.333	3	10.55
5	Simona Miclaus, <u>Mihaela Morega</u> , "Characterisation of the Electromagnetic Environment in a TEM Cell for Exposure of Small Biological Samples in the UHF Band", <i>Romanian Journal of Physics</i> , ISSN 1221-146X, Vol. 55, Issues 1– 2, 2010, p.195-204, Accession Number: WOS:000275925800018, JIF (2014): 0.924	0.924	2	21.74
6	A. M. Morega, <u>Mihaela Morega</u> , M. Panait, "Structural Optimization of a Thermoelectric Generator by Numerical Simulation", <i>Rev. Roum. Sci. Techn. – Serie Electrotechn. et Energ.</i> , ISSN: 0035-4066, tome 55, no.1/2010, p. 3-12, Accession Number: WOS:000277006700001, JIF (2014): 0.333	0.333	3	10.55
7	A. A. Dobre, A. M. Morega, <u>Mihaela Morega</u> , Corina Mihaela Ipate, "Numerical Simulation in Electrocardiography", <i>Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.</i> , ISSN: 0035-4066, vol. 56, nr. 2/2011, p. 209-218, Accession Number: WOS:000291711900010, JIF (2014): 0.333	0.333	4	7.92
8	A. M. Morega, A. A. Dobre, <u>Mihaela Morega</u> , "Magnetic Field - Flow Interactions in Drug Delivery through an Arterial System", <i>Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.</i> ISSN: 0035-4066, vol. 56, nr. 2/2011, p. 199–208, Accession Number: WOS:000291711900009, JIF (2014): 0.333	0.333	3	10.55
9	<u>Morega Mihaela</u> , Morega A. M., "Computed SAR in Human Head for the Assessment of Exposure from Different Phone Device Antennas", <i>Environmental Engineering and Management Journal</i> , ISSN: 1582-9596, Vol. 10, Issue 4/2011, p. 527-533, Accession Number: WOS:000292409400009, JIF (2014): 1.065	1.065	2	23.15
10	A. M. Morega, <u>Mihaela Morega</u> , J. B. Dumitru, "Magnetic Field – Flow Interactions in a Miniature Electric Power Transformer with Magnetic Nanofluid Core and Solenoid Type Coils", <i>Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.</i> , ISSN: 0035-4066, vol. 58, nr. 1/2013, p. 25-34, Accession Number: WOS:000319367500003, JIF (2014): 0.333	0.333	3	10.55
11	J. B. Dumitru, A. M. Morega, <u>Mihaela Morega</u> , "A Numerical Study of the Heat Transfer Management Provided by a Thermoelectric Sink-And-Fan System", <i>Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.</i> , ISSN: 0035-4066, vol. 58, nr. 2/2013, p. 205-214, Accession Number: WOS:000320488100010, JIF (2014): 0.333	0.333	3	10.55
12	L. PÎSLARU-DANESCU, A. M. MOREGA, <u>Mihaela MOREGA</u> , V. STOICA, O.M. MARINICĂ, Florica NOURĂȘ, N. PĂDURARU, I. BORBATH, Tunde BORBATH., "Prototyping a Ferrofluid-Cooled Transformer", <i>IEEE Trans. on Industry Applications</i> , ISSN 0093-9994, Vol. 49, No. 3/2013, p. 1289-1298, Accession Number: WOS:000319152500033, JIF (2014): 1.756	1.756	9	6.68
13	A.M.Morega, J.B. Dumitru, <u>Morega, Mihaela</u> , L. Pslaru-Dănescu, "Flow Patterns in the Magnetic Nanofluid Core of a Miniature Planar Spiral Transformer", <i>Environmental Engineering and Management Journal</i> , ISSN: 1582-9596, Vol. 12, Issue: 6/2013, p. 1171-1177, Accession Number: WOS:000325632500009, JIF (2014):1.065	1.065	4	11.58
14	L. PÎSLARU-DANESCU, A. M. MOREGA, Georgeta TELIPAN, <u>Mihaela MOREGA</u> , J. B. DUMITRU, V. MARINESCU, "Magnetic Nanofluid Applications in Electrical Engineering", <i>IEEE Trans. on Magnetics</i> , ISSN 0018-9464, Vol. 49, No. 11/2013, p. 5489-5497, Accession Number: WOS:000326246500015, JIF(2014): 1.386	1.386	6	8.79
15	Modreanu N.M., Andrei I.M., <u>Morega Mihaela</u> , Tudorache T., "Brushless DC Micro-Motor with Surface Mounted Permanent Magnets", <i>Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.</i> , ISSN: 0035-4066, vol. 59, nr. 3/2014, p. 237-247, Accession Number: WOS:000341801300002, JIF(2014): 0.333	0.333	4	7.92
16	A. M. Morega, Cristina Săvăstru, and <u>Mihaela Morega</u> , Measuring the Hemodynamic Flow in the Brachial-Ulnar-Radial Arterial System, <i>Analele Științifice ale Universității "Ovidius" din Constanța, Seria Matematică</i> , ISSN 1224-1784, Vol. 23(3), 2015, p.113–127, DOI: 10.1515/auom-2015-0051, Accession Number: WOS: 000365839600010, JIF(2014): 0.333	0.333	3	10.55

Total 2.1.1.			213.80	
2.1.2. Articole în ISI proceedings (25 + 20 * factor impact / nr de autori)		Nr. Autori	Pcte	
1	Morega Al. M., <u>Morega Mihaela</u> - "Superimposed magnetic field in forced convection laminar boundary layer", Proceedings of the <i>10th Annual Review of Progress in Applied Computational Electromagnetics</i> , ACES' 94, Naval Postgraduate School, Monterey, California, USA, martie 1994, p. 256-263, Accession Number: WOS:A1994BD46Z00031	0	2	12.50
2	Morega Al., Mocanu D., <u>Morega Mihaela</u> , Stefan A. - "A Dynamic Model for Cardiac Defibrillation", Proc. of the 18th Annual Int. Conf. IEEE-EMBS, Oct. 31 - Nov. 3, 1996, Amsterdam, vol. 5, paper no. VTCP7-1, p. 2291-2292, ISBN:0-7803-3812-X, Accession Number: WOS:000072079001104	0	4	6.25
3	Morega Al., <u>Morega Mihaela</u> - "A FEM Analysis of Thermoelectric and Thermomagnetic Phenomena in N-InSb Gauge Cells", Proc. of the 9th International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2004, Brasov, ROMANIA, 20-22 mai 2004, ISBN:978-973-635-286-7, lucrarea nr. 1B.6, p. 91-97, Accession Number: WOS:000255386500017	0	2	12.50
4	<u>Mihaela Morega</u> , Laura Mogos, Marius Neagu, Alexandru Morega, "Optimal Design for Microwave Hyperthermia Applicator", Proc. of the 10th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2006, ISSN 0093-9994, Brasov, Romania, May 2006, Proc. vol. I Electrotechnics, ISBN 973-635-703-1, 978-973-635-703-9, p. 219-224, Accession Number: WOS:000256417000040	0	4	6.25
5	<u>Mihaela Morega</u> , Marius Neagu, Alexandru Morega, "Bidirectional Coupling of Electromagnetic and Thermal Processes in Radiofrequency Hyperthermia", Proc. of the 12th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2008, Brasov, Romania, May 2008, IEEE Catalog No. 08EX1996C, vol.1, ISBN 978-973-131-029-9, pg. 257-262, Accession Number: WOS:000258474200041	0	3	8.33
6	Hideo Kawahara, Alexandru Morega, <u>Mihaela Morega</u> , "Magnetic Field Control of Flow and Heat Transfer in Solidification Processes", Proc. of the 12th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2008, Brasov, Romania, May 2008, IEEE Catalog No. 08EX1996C, vol.1 ISBN 978-973-131-029-9, pg. 105-112, Accession Number: WOS:000258474200017	0	3	8.33
7	A.M. Morega, A. Dobre, <u>Mihaela Morega</u> and D. Mocanu, "Computational Modeling of Arterial Blood Flow", International Conference on Advancements of Medicine and Health Care through Technology, 23-26 September, 2009, Cluj-Napoca, Romania, Springer Series: IFMBE Proceedings, Vol. 26, ISBN: 978-3-642-04291-1, ISSN: 1680-0737, DOI: 10.1007/978-3-642-04292-8_82, Accession Number: WOS:000281139900082	0	4	6.25
8	<u>Mihaela Morega</u> , A. M. Morega, Alina Machedon, "Analysis of several FEM Models for the Assessment of the Human Head Exposure to Microwaves", International Conference on Advancements of Medicine and Health Care through Technology, 23-26 September, 2009, Cluj-Napoca, Romania, Springer Series: IFMBE Proceedings, Vol. 26, ISBN: 978-3-642-04291-1, ISSN: 1680-0737, DOI: 10.1007/978-3-642-04292-8_76, Accession Number: WOS:000281139900076	0	3	8.33
9	M. Chețan, A.M. Morega and <u>Mihaela Morega</u> , "Analysis of ECG Signals and their Automatic Classification", International Conference on Advancements of Medicine and Health Care through Technology, 23-26 September, 2009, Cluj-Napoca, Romania, Springer Series: IFMBE Proceedings, Vol. 26, ISBN: 978-3-642-04291-1, ISSN: 1680-0737, DOI: 10.1007/978-3-642-04292-8_52, Accession Number: WOS:000281139900052	0	3	8.33
10	A. M. Morega, I. Dobrin, M. Popescu, <u>Mihaela Morega</u> , "Heat Transfer Analysis in the Design Phase of a High Temperature Superconductor Motor", 12th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, Moieciu - Cheile Gradistei, Romania, May 20-22, 2010, ISSN 1842-0133, Print ISBN 978-1-4244-7019-8, p. 401-406, Accession Number: WOS:000291967300056	0	4	6.25
11	O. Craiu, Alina Machedon, T. Tudorache, <u>Mihaela Morega</u> , M. Modreanu, "3D Finite Element Thermal Analysis of a Small Power PM DC Motor", 12th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2010, Brasov, Moieciu - Cheile Gradistei, Romania, May 20-22, 2010, ISSN 1842-0133, Print ISBN 978-1-4244-7019-8, p. 389-394, Accession Number: WOS:000291967300054	0	5	5.00

12	A. M. Morega, <u>Mihaela Morega</u> , L. Pîslaru-Danescu, V. Stoica, Florica Nouras, Floriana Stoian, "A novel Ferrofluid-Cooled Transformer. Electromagnetic Field and Heat Transfer by Numerical Simulation", 12th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2010, Brasov, Moieciu - Cheile Gradistei, Romania, May 20-22, 2010, ISSN 1842-0133, Print ISBN 978-1-4244-7019-8, p. 140-146, Accession Number: WOS:000291967300016	0	6	4.17
13	<u>Mihaela Morega</u> , Andrei Marinescu, Alexandru M. Morega, "Mobile Phone SAR Analysis through Experimental and Numerical Simulation", 12th International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2010, Brasov, Moieciu - Cheile Gradistei, Romania, May 20-22, 2010, ISSN 1842-0133, Print ISBN 978-1-4244-7019-8, p. 95-102, Accession Number: WOS:000291967300010	0	3	8.33
14	A.A. Dobre, A.M. Morega and <u>Mihaela Morega</u> , "Magnetically Targeted Drug Transport and Fixation", Proceedings of the International Conference on Advancements of Medicine and Health Care through Technology, MediTech 2011, Cluj-Napoca, august 2011, IFMBE Proceedings, vol. 36, ISSN 1680-0737, ISBN 978-3-642-22585-7, p. 310-315, Accession Number: WOS:000308454900065	0	3	8.33
15	Tudorache T., Craiu O., Machedon Alina, <u>Morega Mihaela</u> , Popescu M., "Uncertainty Analysis in the Evaluation of PMSM End-winding inductance", Proc. of thr 7th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Mai 2011, Bucuresti, ISBN: 978-145770507-6, ISSN: 1843-8571, Article number 5952166, 6p., Accession Number: WOS:000310701200030	0	5	5.00
16	Pîslaru-Danescu L., Morega A.M., <u>Morega Mihaela</u> , "A Novel Magnetostrictive Injection Actuator based on new Giant Magnetostrictive Materials", 7th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Mai 2011, Bucuresti, ISBN: 978-145770507-6, ISSN: 1843-8571, 6p., Accession Number: WOS:000310701200122	0	3	8.33
17	Morega A.M., Dobrin I., <u>Morega Mihaela</u> , "Thermal and Magnetic Design of a Dipolar Superferric Magnet for High Uniformity Magnetic Field", 7th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Mai 2011, Bucuresti, ISBN: 978-145770507-6, ISSN: 1843-8571, 4p., Accession Number: WOS:000310701200124	0	3	8.33
18	Dobre A.A., Morega A.M., <u>Morega Mihaela</u> , Ipate C., "Thoracic Mapping of the Nonlinear Electrical Activity of the Heart" , 7th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Mai 2011, Bucuresti, ISBN: 978-145770507-6, ISSN: 1843-8571, Article number 5952188, 4p., Accession Number: WOS:000310701200052	0	4	6.25
19	Dumitru J.B., Morega A.M., Chamorro, D.G., <u>Morega Mihaela</u> , "Numerical simulation of thermoelectric heat transfer management", International Conference on Applied and Theoretical Electricity – ICATE 2012, Craiova, Romania, Oct. 2012, ISBN:978-1-4673-1810-5, DOI:10.1109/ICATE.2012.6403445, 5p., Accession Number: WOS:000332581900053	0	4	6.25
20	Dobrin I., Morega A.M., Nedelcu A., <u>Morega Mihaela</u> , "Magnetic and Thermal sizing of a quadrupolar superferric magnet", International Conference on Applied and Theoretical Electricity – ICATE 2012, Craiova, Romania, Oct. 2012, ISBN:978-1-4673-1810-5, DOI:10.1109/ICATE.2012.6403388, 7p., Accession Number: WOS:000332581900007	0	4	6.25
21	A. M. Morega, <u>Mihaela Morega</u> , J. B. Dumitru, L. Pîslaru-Dănescu, and V. Stoica, "Magnetic and electric sizing of a miniature planar spiral transformer", in The 7th Int. Conf. Electrical and Power Engineering, EPE 2012, Iași, Romania, Oct. 25–27, 2012, Conference Proceedings ISBN:978-1-4673-1172-4, DOI:10.1109/ICEPE.2012.6463572, p. 654-659, Accession Number: WOS:000324685300118	0	5	5.00
22	Morega A. M., Savastru Cristina, <u>Morega Mihaela</u> , "Numerical simulation of flow dynamics in the Brachial-Ulnar-Radial arterial system", Proceedings of the E-Health and Bioengineering Conference EHB 2013, Iasi, 21-23 Nov. 2013, Print ISBN: 978-1-4799-2372-4, DOI:10.1109/EHB.2013.6707352, 4p., Accession Number: WOS:000346672900120	0	3	8.33
23	Pîslaru-Danescu L., Morega A.M., <u>Morega Mihaela</u> , Stoica V., "New Concept of Measurement Apparatus for the In Situ Electrical Resistivity of Concrete Structures", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI:10.1109/ATEE.2013.6563531, 6p., Accession Number: WOS:000332928500185	0	4	6.25

24	<u>Morega Mihaela</u> , Morega A.M., Kostrakievici S., Machedon Alina, "Master of Sciences Program in Medical Engineering", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI:10.1109/ATEE.2013.6563365, 6p., Accession Number: WOS:000332928500019	0	4	6.25
25	Morega A.M., Tanase N., Popa M., <u>Morega Mihaela</u> , Dumitru J.B., "Numerical Simulation of a Precision Electromagnetic Bending-Mode Cantilever Microactuator", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI:10.1109/ATEE.2013.6563478, 6p., Accession Number: WOS:000332928500132	0	5	5.00
26	Morega A.M., Savastru Cristina, <u>Morega Mihaela</u> , "Numerical Simulation of an Adaptive Magnetic Field Source in Magnetic Drug Targeted Transport", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI:10.1109/ATEE.2013.6563479, 4p., Accession Number: WOS:000332928500133	0	3	8.33
27	Dumitru J.B., Morega A.M., Pîslaru-Danescu L., <u>Morega Mihaela</u> , "A Parametric Study of Lumped Circuit Parameters of a Miniature Planar Spiral Transformer", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI:10.1109/ATEE.2013.6563477, 6p., Accession Number: WOS:000332928500131	0	4	6.25
28	Dobrin I., Morega A.M., Nedelcu A., <u>Morega Mihaela</u> , "Design and Fabrication of a 5T NbTi Solenoid Magnet Cooled by a Closed-Cycle G-M Cryocooler", 8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 23-25, 2013, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5, DOI: 10.1109/ATEE.2013.6563476, 4p., Accession Number: WOS:000332928500130	0	4	6.25
29	Dumitru J.B., Morega A.M., <u>Morega Mihaela</u> , "Nanofluid cored miniature electrical transformer with planar spiral windings", Proc. of the 2014 International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2014, 22-24 May, Brasov-Cheile Gradistei, Romania, ISBN: 978-147995183-3, p. 11-16, Accession Number: WOS:000343551300002	0	3	8.33
30	Dobrin I., Morega A.M., Nedelcu A., <u>Morega Mihaela</u> , Neamtu, J., "A conduction cooled high temperature superconductor quadrupolar superferric magnet, design and construction", Journal of Physics: Conference Series, ISSN: 1742-6588, Vol 507, Part 3/2014, Article number 032014, DOI: 10.1088/1742-6596/507/3/032014, Accession Number: WOS:000350818300118	0	5	5.00
31	<u>Morega Mihaela</u> , Baran, Ileana Maria, Morega A.M., "Evaluation of environmental low frequency magnetic fields in occupational exposure", Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering - EPE 2014, October 2014, Iasi, Romania, ISBN: 978-147995849-8, p. 522-527, Accession Number: WOS:000353565300093	0	3	8.33
32	<u>Morega Mihaela</u> , Morega A.M., Diaz I.M., Sandoiu Alina, "Percutaneous microwaves hyperthermia study by numerical simulation", Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering - EPE 2014, October 2014, Iasi, Romania, ISBN: 978-147995849-8, p. 498-503, Accession Number: WOS:000353565300088	0	4	6.25
33	Savastru Cristina, Morega A.M., <u>Morega Mihaela</u> , "Sensing the Hemodynamic of the Brachial-Ulnar-Radial Arterial System", Proc. of the 8th International Conference and Exposition on Electrical and Power Engineering EPE-2014, Iasi, Romania, October 2014, ISBN: 978-1-4799-5848-1, p. 492-497, Accession Number: WOS:000353565300087	0	3	8.33
34	Pislaru-Danescu L., Morega A.M., Stoica V., <u>Morega Mihaela</u> , Dobrin I., "A new electronic active system for protection to quench hazard in high temperature superconducting coils", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 692-697, DOI: 10.1109/ATEE.2015.7133889, Accession Number: WOS:000368159800129	0	5	5.00
35	Morega A.M., Robello G., <u>Morega Mihaela</u> , Pislaru-Danescu L., "Numerical study of the stator motion in a piezoelectric ultrasonic motor", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 609-613, DOI: 10.1109/ATEE.2015.7133878, Accession Number: WOS:000368159800115	0	4	6.25
36	Morega A.M., Tanase N., <u>Morega Mihaela</u> , Comeaga D., Ilie C., "Bending mode cantilever actuators for microelectromechanical systems", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 556-561, DOI: 10.1109/ATEE.2015.7133869, Accession Number: WOS:000368159800106	0	5	5.00

37	<u>Morega Mihaela</u> , Morega A.M., Săndoiu Alina, "Sensitivity to parameters variation in numerical simulation of microwave thermotherapy", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 313-316, DOI: 10.1109/ATEE.2015.7133821, Accession Number: WOS:000368159800058	0	3	8.33
38	Pislaru-Danescu L., Morega A.M., <u>Morega Mihaela</u> , Chihaiia R., Popa M., Flore L., "Electronic drive system of a linear magnetostrictive motor designed for outer space applications" Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 225-230, DOI: 10.1109/ATEE.2015.7133769, Accession Number: WOS:000368159800040	0	6	4.17
39	Modreanu M.N., Andrei M.I., Boboc C., <u>Morega Mihaela</u> , "Unitary design of small DC motors used in modular add-on electrical systems", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9 2015, ISBN:978-1-4799-7514-3, p. 188-192, DOI: 10.1109/ATEE.2015.7133762, Accession Number: WOS:000368159800033	0	4	6.25
40	Morega A. M., Dobrin I., <u>Morega Mihaela</u> , Nedelcu A., Stoica V., "Design and numerical simulations of a superconducting dipolar electromagnet cooled by conduction", Proc. of the 9th Intl. Symposium on Advanced Topics in Electrical Engineering ATEE-2015, May 7-9, 2015, ISBN:978-1-4799-7514-3, p. 79-83, DOI: 10.1109/ATEE.2015.7133680, Accession Number: WOS:000368159800015	0	5	5.00
Total 2.1.2.				277.50
2.1.3. Brevete de inventie ((25 + 20 * factor impact) / nr de autori)				
1	Brevet de invenție nr. 82124 / 1982 "Infășurări în galeți continui cu mai multe căi de curent în paralel", Autori: Bălă C., Morega A.M., <u>Rizeanu (Morega) Mihaela</u> , Beneficiar: UPB (Inregistrat OSIM 1982)	0	3	
2	Brevet de invenție nr. 91939 / 1986 "Transformator trifazat uscat de putere mică și joasă tensiune", Autori: Mereanu A., Jiletcovici Valeria, Fercău N., <u>Rizeanu (Morega) Mihaela</u> , Olaru Camelia, Beneficiar: ICPE București (Inregistrat OSIM 1986)	0	5	
3	Patent nr. RO126613-A0 (2011), RO126613-B1 (2014), "Transformer with magnetic nanofluid cooling agent, has identical cores, and high and low voltage windings" Authors: PISLARU-DANESCU L, MACAMETE E, TELIPAN G, PINTEA J, NOURAS F, PADURARU N, VEKAS L, STOIAN F D, BORBATH I, BORBATH T, MOREGA A, MOREGA M. Patent Assignee Name(s) and Code(s): INST NAT CERC DEZVOLTARE ELECTROCHIMIE (NADE-Non-standard), ICMET INST NAT CERC DEZVOLTARE INCERCARI (ICME-Non-standard), ROSEAL SA (ROSE-Non-standard), Derwent Primary Accession Number: 2011-Q12673 [10]	0	12	2.08
4	Patent nr. RO129685-A0 (2014), "Sonic magnetostrictive motor", Authors: PISLARU-DANESCU L, MOREGA A M, <u>MOREGA M</u> , LIPAN L C, BUNEA F, Patent Assignee Name(s) and Code(s): INST NAT CERC DEZVOLTARE ELECTROCHIMIE (NADE-Non-standard), Derwent Primary Accession Number: 2014-P50886 [82]	0	5	5.00
Total 2.1.3.				7.08
Total 2.1. (2.1.1 + 2.1.2 + 2.1.3)				498.38
2.2 Articole în reviste și volumele unor manifestări științifice indexate în BDI (alte baze de date internaționale specifice domeniului)				
2.2.1. Articole in reviste indexate în alte baze de date internaționale (20 / nr de autori)			Nr. autori	Pcte
1	<u>Morega Mihaela</u> , Ioan D., "Romanian Experience in Computer Aided Electromagnetic Education", Applied Computational Electromagnetics Society Journal - ACES, Journal on Electromagnetic Education (http://www.aces-society.org/journal.php), ISSN: 10544887, Volume 8, Issue 1, 1993, Pages 125-137.	Scopus	2	10.00
2	Morega A., M., <u>Morega Mihaela</u> , "Forced convection laminar boundary layer with superposed magnetic field", Rev. Roumaine Sci. Techn. Electrotech. et Energ., Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 39/1994, nr.2, p. 155-163	Inspec, WorldCat, British Lybrary, Google Scholar	2	10.00

3	Mocanu C., Morega A. M., <u>Morega Mihaela</u> , "On The Difficulties of Thomas - Wigner Rotation", <i>Hadronic Journal</i> , vol. 18/1995, no. 1, p. 63 - 96, ISSN 0036-8091	Science Abstracts, Google Scholar	3	6.67
4	Morega A. M., Mocanu D., <u>Morega Mihaela</u> , "The EigenValue Cardiography", <i>Rev. Roumaine Sci. Techn. Electrotech. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 41/1996, nr. 2, p. 169-178.	Inspec, World Cat, British Lybrary	3	6.67
5	Morega A.M., <u>Morega Mihaela</u> , "A FEM model of thermoelectric and thermomagnetic effects", <i>Rev. Roumaine Sci. Techn. Electrotech. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 48/2003, nr. 2-3, p. 187-197.	Inspec, World Cat, British Lybrary	2	10.00
6	Morega A.M., Mocanu D., <u>Morega Mihaela</u> , "3D-reconstruction of the human thorax and the solution of the inverse problem in electrocardiography", <i>Rev. Roumaine Sci. Techn. Electrotech. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 48/2003, nr. 4-5, p. 187-197.	Inspec, World Cat, British Lybrary, Google Scholar	3	6.67
7	Morega A. M. , <u>Morega Mihaela</u> , "A constructal principle based optimal design for photovoltaic cell architectures", <i>Romanian Journal of Physics, Pub. House of the Romanian Academy</i> , ISSN 1221-146X, Vol. 49/2004, Nos. 9-10, pp.919-936, Indexed and abstracted in Science Citation Expanded™ and Journal Citation Reports™/Science Edition	SCIE, JCR	2	10.00
8	Morega A.M. and <u>Morega Mihaela</u> , "A FEM analysis of Magnetically induced biomagnetic fluid mixing", <i>Rev. Roumaine Sci. Techn. Electrotech. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 50/2005, nr. 2, p. 239-248	Inspec, World Cat, British Lybrary, Google Scholar	2	10.00
9	Mocanu D., Kettenbach J., Eisenberg S., Morega A.M., and <u>Morega Mihaela</u> , "Inverse Solutions in Electrocardiographic Imaging", <i>Rev. Roumaine Sci. Techn. Electrotech. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 50/2005, nr. 2, p.249-260	Inspec, World Cat, British Lybrary, Google Scholar	5	4.00
10	Mihaela Morega, "Numerical Models for Microwave Dosimetry in Human Tissue", Related to Wireless Applications, <i>Rev. Roum. Sci. Techn. – Serie Electrotechn. et Energ.</i> , Pub. House of the Romanian Academy, ISSN: 0035-4066, tome 51/2006, nr. 2, p. 249-261	Inspec, World Cat, British Lybrary, Google Scholar	1	20.00
11	D. Mocanu, A. M. Morega, <u>Mihaela Morega</u> , "Electrical Rhythms in Paced Cardiac Fibers", <i>Acta Electrotehnica</i> , Special Issue (selected papers from the 1st International Conference on Advancements of Medicine and Health Care through Technology, MediTech2007), vol. 48, nr. 4, 2007, ISSN 1841-3323, p. 315-318	Google Scholar	3	6.67
12	<u>Mihaela Morega</u> , A. M. Morega, M. Neagu, "Analysis of Electromagnetic and Thermal Coupled Fields in Microwave Therapy", <i>Acta Electrotehnica</i> , Special Issue (selected papers from the 1st International Conference on Advancements of Medicine and Health Care through Technology, MediTech2007), vol. 48, nr. 4, 2007, ISSN 1841-3323, p. 357-360	Google Scholar	3	6.67
13	<u>Mihaela Morega</u> , A.M. Morega, Alina Machedon, "Microwave Applicator for Soft Tissue Hyperthermia", <i>Nonlinear Optics Quantum Optics Journal</i> , Old City Pub. House, ISSN 1543-0537, Vol. 39, Issue 2-3, 2009, p. 151-163	EBSCO; Engineering Info. USA, Scopus	3	6.67
14	A. M. Morega, <u>Mihaela Morega</u> , S. C. Faur, "Field-Substance Interactions in Magnetically Driven Micro-Stirring Devices", <i>Nonlinear Optics, Quantum Optics Journal</i> , Old City Pub. House, ISSN 1543-0537, Vol. 39, Issue 2-3, 2009, p. 165-175	EBSCO Engineering Info. USA, Scopus	3	6.67

15	A. M. Morega, I. Dobrin, M. D. Popescu, <u>Mihaela Morega</u> , L. Pîslaru-Dănescu, "Numerical Heat Transfer in the Design Phase of a Synchronous Superconducting Machine", EEA Journal, ISSN 1582-5175, vol. 60 (2012), nr. 1, p. 44-49	Engi. Village, IndexCopernicus Intl.	5	4.00
16	Morega A. M., Savastru Cristina., <u>Morega Mihaela</u> , "An Adaptive Magnetic Field Source for Magnetic Drug Fixation", International Journal of Monitoring and Surveillance Technologies Research (IJMSTR), Vol. 1/2013, Issue 4, pp. 20-33, DOI: 10.4018/ijmstr.2013100103,	RefWorks, WorldCat, Google Scholar	3	6.67
17	Dumitru J.B., Morega A.M., <u>Morega Mihaela</u> , "Electromagnetic, flow and thermal study of a miniature planar spiral transformer with planar, spiral windings", INCAS Bul., Special Issue 1/2014, ISSN 2066 – 8201, p. 59-66	Index Copernicus CrossRef, SCIPPIO	3	6.67
18	Dumitru J.B., Morega A.M., <u>Morega Mihaela</u> , Pislaru-Danescu L., "Forced Flow Patterns in a Miniature Planar Spiral Transformer with Ferrofluid Core", INCAS Bul., Volume 7, Issue 4/ 2015, ISSN 2066 – 8201, p. 85-94	Index Copernicus CrossRef, SCIPPIO	4	5.00
19	Dobrin, I., Cernikov, A. ; Kulikov, S. ; Buzdavin, A. ; Culicov, O. ; Morega, A.M. ; Nedelcu, A. ; <u>Morega, Mihaela</u> ; Popovici, I. ; Dobrin, A., "A 4 T HTS Magnetic Field Generator, Conduction Cooled, for Neutron Physics Spectrometry", IEEE Transactions on Applied Superconductivity ISSN: 1051-8223 , Volume: 26 (2016) , Issue: 3, DOI: 10.1109/TASC.2016.2520086	IEEE Xplore, Google Scholar	10	2.00
20	A. M. Morega, M. Popa, <u>Mihaela Morega</u> and L. Pîslaru-Dănescu, "Shape and Structure Optimization of a Magnetostrictive Cored Actuator", International Journal of Heat and Technology, Vol. 34 (2016), ISSN: 03928764, Special Issue 1, p.S119-S124, http://dx.doi.org/10.18280/ijht.34S115	Scopus, Google Scholar	4	5.00
Total 2.2.1.				150.01
2.2.2. Articole în volumele unor manifestări științifice indexate în alte baze de date internaționale (20 / nr de autori)				
1	Morega Al. M., Ciocârlan B., <u>Morega Mihaela</u> - "Optimal Transcutaneous Pacing", Proceedings of the <i>12th Annual Review of Progress in Applied Computational Electromagnetics</i> , ACES' 96, Part 1 (of 2); Monterey, CA, USA;18-22 March 1996, Volume 2, Pages 1326-1332	Scopus	3	6.67
2	Morega Alexandru M., Mocanu Daniel, <u>Morega Mihaela</u> , "Spectral approach to the cardiography", <i>Proceedings of the 12th Annual Review of Progress in Applied Computational Electromagnetics</i> . ACES' 96, Part 1 (of 2); Monterey, CA, USA;18-22 March 1996, Volume 2, Pages 1320-1325	Scopus	3	6.67
3	Morega Al. M., Ciocirlan B., <u>Morega Mihaela</u> , Hancea Oana, "Magnetic excitation of heart", Proc. of the <i>18th Annual Int. Conf.IEEE -EMBS</i> Oct. 31 - Nov. 3, 1996, Amsterdam, vol. 5, paper no. VTCP6-1, ISBN 90-901-0005-9-(CD-ROM) SOE 9609001, Print ISBN 0-7803-3811-1	Scopus, IEEE Xplore	4	5.00
4	<u>Mihaela Morega</u> , Alexandru Morega, Alina Machedon, "Simplified Numerical Models for Microwave Dosimetry in Human Tissue", 3rd European Medical and Biological Engineering Conference EMBEC'05&IFMBE, 20-25 nov. 2005, Praga, Rep. Ceha, IFMBE Proceedings, CD-ROM, ISSN 1727-1983	Scopus, Springer Link, Google Scholar	3	6.67
5	Alexandru Morega, <u>Mihaela Morega</u> , Sebastian Faur – "Magnetically Induced Biomagnetic Fluid Mixing FEM Model", 3rd European Medical and Biological Engineering Conference EMBEC'05&IFMBE, 20-25 nov. 2005, Praga, Rep. Ceha, IFMBE Proceedings CD-ROM ISSN 1727-1983	Scopus, Springer Link, Google Scholar	3	6.67
6	<u>Mihaela Morega</u> , Alina Machedon, Marius Neagu, „Dosimetric Estimates in Biological Tissue Exposed to Microwave Radiation in the Near Field of an Antenna”, Proceedings of the Fourth International Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, 8-10 Sept. 2005, Constanta, Romanian Academy Publishing House, ISBN (10) 973-27-1358-5 ; ISBN (13) 978-973-27-1358-7p. 147-160	Google Scholar	3	6.67

7	Cezara Nita, Alina Machedon, <u>Mihaela Morega</u> , "Discussion on Safety Guidelines for Human Body Exposure to High-frequency Electromagnetic Field", Proc. of the 5th European Symposium on Biomedical Engineering, Patras, Greece, July 2006, CD-ROM, paper S1.05	Google Scholar	3	6.67
8	Laura Mogos, <u>Mihaela Morega</u> , "Microwave Dosimetry and Design Solutions for Interstitial Hyperthermia Applicators", Proc. of the 5th European Symposium on Biomedical Engineering, Patras, Greece, July 2006, CD-ROM, paper S4.13	Google Scholar	2	10.00
9	Alina Machedon, <u>Mihaela Morega</u> , "Penetration of the electromagnetic radiation in human body, when exposed in the near/far field conditions", Proc. of the 5th European Symposium on Biomedical Engineering, July 2006, Patras, Greece, CD-ROM, paper S4.14	Google Scholar	2	10.00
10	<u>Mihaela Morega</u> , Alexandru Morega, Alina Machedon, "3D FEM model for localized SAR estimate in human exposure to microwaves", Proc. of the 7th EMC Europe International Symposium on Electromagnetic Compatibility, Barcelona, Spain, September 2006, ISBN: 84-689-9438-3, p. 301-306	Google Scholar	3	6.67
11	Daniel Mocanu, <u>Mihaela Morega</u> , Alexandru Morega, "A Simulation Study of Electrical Rhythms in a Paced Cardiac Fiber", Proc. of the 5th International Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania, September 2006, Romanian Academy Publishing House, ISBN 978-973-27-1641-0 p. 153-161	Google Scholar	3	6.67
12	A.M. Morega, J.C. Ordonez, <u>Mihaela Morega</u> , "A Constructal Approach to Power Distribution Networks Design", Proc. of the 6th International Conference on Renewable Energy and Power Quality, ICREPQ 2008, March 12-14, 2008, Santander, Spain, CD-ROM ISBN: 978-84-611-9290-8, 6 p	Google Scholar	3	6.67
13	Andrei P. Negoias, Alexandru M. Morega, <u>Mihaela Morega</u> , Heat transfer in spherical micro solar cell modules, International Conference on Renewable Energy and Power Quality - ICREPQ'09, Valencia, Spain, April 2009	Google Scholar	3	6.67
14	AM Morega, AA Dobre, <u>Mihaela Morega</u> , "Numerical simulation of magnetic drug targeting with flow-structural interaction in an arterial branching region of interest", Comsol Conference Versailles, Paris, France, Nov. 2010, p. 17-19	Google Scholar	3	6.67
15	Corina M. Ipate, Alina Machedon and <u>Mihaela Morega</u> , Statistical Estimate on Indices Associated to Atherosclerosis Risk, The 12th Mediterranean Conference on Medical and Biological Engineering and Computing, MEDICON 2010, Porto Carras, Chalkidiki, Greece, May 27-30, 2010, Springer Series: IFMBE Proceedings, ISBN: 978-3-642-13038-0, Vol. 29, 2010, p.188-191, DOI: 10.1007/978-3-642-13039-7_47	Scopus, Springer Link, Google Scholar	3	6.67
16	Dobre, A.A., Morega, A.M., <u>Morega, Mihaela</u> , "The Investigation of flow-structural interaction in an arterial branching by numerical simulation", ITAB – 2010, Emerging Technologies for Patient Specific Health Care, 10th International Conference on Information Technology and Applications in Biomedicine, IEEE Conference, 2-5 Nov. 2010, Aquis Corfu Holiday Palace Hotel, Corfu, Greece; CD/DVD, ISBN 978-1-4244-6561-3/10, Article number 5687648, DOI: 10.1109/ITAB.2010.5687648	Scopus, IEEE Xplore, Google Scholar	3	6.67
17	Morega, A.M., Dobre, A.A., <u>Morega, Mihaela</u> , "Numerical Simulation in Electrical Cardiometry", Proc. of the 13th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2012, Brasov, Moieciu - Cheile Gradistei, Romania, May 2012, ISSN 1842-0133, Print ISBN 978-1-4673-1653-8/12, p. 1407-1412	Scopus, IEEE Xplore, Google Scholar	3	6.67
18	Morega A.M., Paslaru-Danescu L., <u>Morega Mihaela</u> , "A Novel Microactuator Device Based on Magnetic Nanofluid", Proc. of the 13th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2012, Brasov, Moieciu - Cheile Gradistei, Romania, May 2012, ISSN 1842-0133, Print ISBN 978-1-4673-1653-8/12, p. 1100-1106	Scopus, IEEE Xplore, Google Scholar	3	6.67
19	Morega A.M., Dobrin I., Nedelcu A., <u>Morega Mihaela</u> , "A Quadrupolar Superferric Magnet", Proc. of the 13th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2012, Brasov, Moieciu - Cheile Gradistei, Romania, May 2012, ISSN 1842-0133, Print ISBN 978-1-4673-1653-8/12, p.157-163	Scopus, IEEE Xplore, Google Scholar	4	5.00

20	Dumitru J.B., Morega A.M., <u>Morega Mihaela</u> , "A Numerical Study of the Heat Transfer Management Provided by a Thermoelectric Sink-and-Fan System", In M. Maricaru (Ed.), National Symposium of Theoretical Electrical Engineering (pp. 90-95), SNET'12 Conference Proceedings, ISSN 2067-4147	Google Scholar	3	6.67
21	Dumitru J.B., Morega A.M., <u>Morega M.</u> , "Electromagnetic, flow and thermal study of a miniature planar spiral transformer with planar, spiral windings", Proc. of the XXXVth "Caius Iacob" Conference on Fluid Mechanics and its Technical Applications, 2013, November 14-15, Bucharest, Romania, ISSN 2067-4414, ISSN-L 2067-4414	Google Scholar	3	6.67
22	Morega A.M., Savastru Cristina, <u>Morega Mihaela</u> , "A Numerical Simulation of the Electrical Monitoring of the Brachial-Ulnar-Radial Arterial Hemodynamic", International Conference on Advancements of Medicine and Health Care through Technology, MediTech-2014, June 2014, Cluj-Napoca, Romania , IFMBE Proceedings, ISBN 978-3-319-07653-9, Vol. 44 (2014), pp 301-306, DOI: 10.1007/978-3-319-07653-9_61	Scopus, Springer Link, Google Scholar	3	6.67
23	Morega, A.M., Sandoiu Alina, <u>Morega Mihaela</u> , "On the thermography mapping of anatomic media with capillaries and larger vessels blood flow", Proc. of the E-Health and Bioengineering Conference (EHB), 19-21 Nov. 2015, ISBN 978-1-4673-7544-3, 5p., DOI: 10.1109/EHB.2015.7391512, INSPEC Accession Number:15730624	IEEE Xplore, SCOPUS, Google Scholar	3	6.67
24	Manea Loredana, Morega A.M., <u>Morega Mihaela</u> , "Numerical simulation of magnetic drug localization in the knee joint medication", Proc. of the 2014 Intl. Symp. on Fundamentals of Electrical Engineering, Bucharest 28-29 Nov. 2014, ISBN 978-1-4799-6820-6, 5p. DOI: 10.1109/ISFEE.2014.7050615, INSPEC Accession Number:14949335	IEEE Xplore, SCOPUS, Google Scholar	3	6.67
Total 2.2.2.				163.33
Total 2.2. (2.2.1 + 2.2.2)				313.34
2.3. Granturi/ proiecte câștigate prin competiție				
2.3.1. Director/responsabil de proiect				
2.3.1.1. Internaționale (20 * ani de desfasurare)				
Total 2.3.1.1.				0
2.3.1.2. Naționale (10 * ani de desfasurare)				
1	"Cîmpurile electrice și magnetice de joasă frecvență produse de instalațiile electrotehnice, factor de poluare electromagnetică a mediului biologic", 1995 - 1997, Programul Orizont 2000, contract 510BT/1995 (tema B3/1995),nr. intern. 3-95-11, contract 836/1996 (tema A101/1996) si contract 836/1997 aa 712/III/1997 (tema A101/1997), Valoare: 19 mil. lei, Responsabil contract: Mihaela Morega		3	30.00
2	"Procedee tehnice și modelare numerică în electrostimularea țesuturilor biologice excitabile", 1996 - 1998, Programul Orizont 2000 (MCT), contract 836(1)/1996 (tema B63/1996), nr. intern 3-96-15, contract 836/1997 aa 712/III/1997 (tema A113/1997), contract 836/1998 aa 631/I din 8.07.1998 (tema A116/1998), Valoare: 42 mil. lei, Responsabil contract: Mihaela Morega		3	30.00
3	"Acuratețea modelării numerice a structurilor anatomo-fiziologice.Studii calitative și cantitative cu aplicații în ingineria electrică medicală", 1999 - 2000, Programul Orizont 2000 (ANSTI), contract 836/1996, aa 334/1999/II, (tema B26/1999) si aa 122/II/20.01.2000 (tema A30/2000), Valoare totala: 37 mil. lei, Responsabil contract: Mihaela Morega		2	20.00
4	"Modelarea câmpului electromagnetic în condiții specifice expunerii utilizatorilor de telefonie mobilă", 2002-2004, Grant A CNCSIS, comisia 2 Stiinte ingineresti, contract 33784/2002-cod CNCSIS 345, contract 33552/2003-cod CNCSIS 469, contract 33380/2004-cod CNCSIS 469 (pozitia nr. 41 din anexa nr. 1 la contract), Valoare totala: 219,825 mil. lei, Director grant: Mihaela Morega		3	30.00
5	"Dozimetrie in domeniul microundelor pentru aplicatii in biologie si medicina", 2005 - 2007, Grant A CNCSIS, Comisia Stiinte ingineresti, contract 27692/2005-cod CNCSIS 357, nr. intern ET 03-06-05, Valoare totala: 29200 lei, Director grant: Mihaela Morega		3	30.00

6	"Ecologie electromagnetica – caracterizarea surselor, diagnosticarea efectelor, prevenirea si combaterea lor (EcoEM)", 2005 - 2008, Programul CEEX (Agentia CALIST), contract 6115/10.10.2005, tema PC-D06-PT10-464, Contractor si coordonator proiect: INCDIE ICPE-CA, Partener P1: UPB, Valoare: 150000 lei, nr. intern ET 03-05-06, Responsabil partener UPB - Mihaela Morega		3	30.00
7	"Sisteme Modulare Inteligente pentru Actionari Electrice de Mica Putere – SIMODIN (Modular Intelligent Systems for Low Power Drives)", 2008-2010, Programul PNCDI_II, INOVARE (agentia AMCSIT), contract 181/2008, Contractor si coordonator proiect: ICPE Bucuresti, Partener P2: UPB, Valoare: 69046 lei, nr. intern ET 03-09-02, Responsabil partener UPB - Mihaela Morega		3	30.00
Total 2.3.1.2.				200.00
Total 2.3.1. (2.3.1.1 + 2.3.1.2)				200.00
2.3.2. Membru în echipă				
2.3.2.1. Internationale (4 * ani de desfasurare)				
			Nr. ani	Pcte
1	"Convective cooling of electronic packages", 1992-1993, Contract RAL R01664 - 01 / 1992, in cadrul stagiului de cercetare visiting Scholar, Duke University, 1992-1993		1	4.00
2	"Studii asupra proceselor difuziv-convective in tehnologiile specifice creşterii cristalelor pentru materiale electrotehnice si electronice", 1998 - 1999, Grant CNCSU de colaborare bilaterala Romania-Japonia, nr. 836/1998		2	8.00
3	"New cardiovascular planning and diagnostic tool for coronary arteries in BSEC countries using computational simulation", 2009, Program Black Sea European Countries - parteneriat Serbia, Grecia, Romania		1	4.00
4	"Emerging EMF Technologies and Health Risk Management", 2008-2012, Actiune COST BM0704, membru din partea RO in Management Committee		4	16.00
5	"European network for innovative uses of EMFs in biomedical applications (EMF-MED)", 2014-2018, Actiune COST BM1309, membru din partea RO in Management Committee		4	16.00
Total 2.3.2.1.				48.00
2.3.2.2. Nationale (2 * ani de desfasurare)				
			Nr. ani	Pcte
1	"Proiectarea seriei de transformatoare trifazate uscate de puteri 1 - 315 kVA și tensiuni până la 1000 V-construcție normală și tropicalizată", 1980 - 1982, contract de cercetare - executantii ICPE Bucuresti, UPB, beneficiar Electrocontact Botosani		3	6.00
2	"Distribuția supratensiunilor în transformatoarele electrice uscate", 1983 - 1984, contract nr. 4-3-3/83, executant UPB, beneficiar Electroputere Craiova		2	4.00
3	"Reproiectarea automată a seriilor de transformatoare trifazate uscate de puteri 1 - 315 kVA și tensiuni sub 1000 V", 1986 - 1987, contract nr. 3-6-4/86, executant:UPB, beneficiar Electrocontact Botosani		2	4.00
4	"Proiectarea automată a motoarelor asincrone trifazate", 1986 - 1987, contract nr. 3 - 6 - 7 / 86, executant: UPB, beneficiar:Intr. Motoare Electrice Pitesti		2	4.00
5	"Optimizarea unghiului de decalaj între înfășurări la motoarele asincrone monofazate pentru mașini de spălat rufe". 1988 - 1989, contract nr. 3 - 9 - 4 / 89, executant UPB, beneficiar: Intr. Motoare Electrice Pitesti		2	4.00
6	"Cercetări privind câmpul electromagnetic în medii în mișcare la viteze mari. Elaborarea electrodinamicii macroscopice Hertziane compatibilă cu teoria Maxwell - Hertz și complementară cu teoria relativității", 1994 - 1996, Programul Orizont 2000, contract 337C/1994, 510B/1995,		3	6.00

	836/1996			
7	"Realizări actuale în răcirea stucturilor electronice (componente, circuite și dispozitive), 1995 - 1996, Grant A CNCSU, nr. 4001/1995		2	4.00
8	"Procese convective difuzive naturale in incinte rectangulare", 1997 - 1998, Grant de cercetare finantat prin Academia Romana, nr. 3042GR/1997		2	4.00
9	"Analiza problemelor directă și inversă in electrocardiografie", 1998 - 2000, grat de cercetare tip A CNCSU, contract 32/1998, cod 616/1998, 705/1999, 705/2000		3	6.00
10	Grantul educațional "Perfecționarea învățământului electric medical - program interdisciplinar de studii universitare", 1998 - 2001, grant CNFIS II / Banca Mondial, tema 89		3	6.00
11	"Dezvoltarea si consolidarea resurselor de cercetare pentru investigarea prin modelare numerica a unor procese fizice proprii obtinerii materialelor multifunctionale si a interactiunilor camp-substanta", 2004, grant CNCSIS tip E, cod 27/2004		1	2.00
12	"Proteza inteligenta de membru superior cu comanda mioelectrica", 2004, Program RELANSIN, contract nr. 2156/2004		1	2.00
13	"Dispozitiv computerizat de precizie pentru recuperarea ortopedica a membrului superior", 2004, Program RELANSIN, contract nr. 2134/2004		1	2.00
14	Arhitecturi constructale pentru materiale si structuri utilizate in electrotehnica si electronica, 2005 - 2006, grant CNCSIS tip A, cod 358/2005		2	4.00
15	"Modelare matematică în procese de difuzie - MODMATDIF", 2005 - 2007, contract in Programul CEEEX		3	6.00
16	"Cercetari teoretice si experimentale privind cresterea eficientei conversiei electromecanice a energiei prin reducerea pierderilor din fierul masinilor electrice - PFE", 2006 - 2008, Program CEEEX, contract nr. 178/2006		3	6.00
17	"BIOINGTEH – Platforma interdisciplinara pentru cercetare, dezvoltare si formare profesionala", 2006 - 2008, grant CNCSIS, cod 54/ 2006		3	6.00
18	"Integrarea si exploatarea informatiilor referitoare la distributia densitatii trasnetelor pe teritoriul Romaniei in activitatea de mentenanta a infrastructurii de transport si distributie a energiei electrice", 2007 - 2009, Program PNCDI II Parteneriate, contract nr. 21-067/2007		3	6.00
19	"Motoare de cuplu ridicat pentru echiparea instalatiilor radar - M4RADARS", 2007 - 2009, Programul PNCDI_II INOVARE		3	6.00
20	"Compatibilitatea functionala a echipamentelor electrotehnice speciale, cu ferrofluide magnetice (trecei izolate, transformatoare de masura, ondulatori pentru microparticule fizice, divizoare de tensiune la frecventa industriala - CFEEL", 2008 - 2010, Programul "Parteneriate in domeniul prioritare", Directia de cercetare ENERGIE, Contract 043/2008		3	6.00
21	"Generator eolian de 3KW pentru zone urbane - GENOLV", 2008 - 2010, Program PNCDI_II INOVARE		3	6.00

22	"Integrarea si exploatarea informatiilor referitoare la distributia densitatii trasnetelor pe teritoriul Romaniei in activitatea de mentenanta a infrastructurii de transport si distributie a energiei electrice", 2007 - 2009, Programul PNCDI_II Parteneriate, Contract 21-067/2007		3	6.00
23	"Impactul factorilor de mediu in dinamica formarii si comportamentului structurilor dintilor temporari", 2008, Program PNCDI_II Parteneriate		1	2.00
24	"Motor electric supraconductor - MES", 2009-2010, Program PNCDI_II Parteneriate		2	4.00
25	"Noi tipuri de actuatori specifici aplicațiilor spațiale – ACTOSPACE", 2013 – 2015, Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spațială și Cercetare Avansată STAR, Agenția Spațială Romană ROSA, Contractnr. 88/29.11.2013		3	6.00
26	"Electromagnet supraconductor dipolar pentru generarea de câmp magnetic intens și uniform – EMSD", 2014-2016, Programul PNCDI_II Parteneriate, PN-II-PT-PCCA-2013-4-0866		3	6.00
27	"Sistem hibrid de recoltare a energiei din mediulinconjurator prin conversie fotovoltaica si piezoelectrica, transformare dc/dc cu integrare MEMS si stocare adaptiva – ASEMEMS HARVEST", 2014-2016, Programul PNCDI_II Parteneriate, PN-II-PT-PCCA-2013-4-0486		3	6.00
Total 2.3.2.2.				130.00
Total 2.3.2. (2.3.2.1 + 2.3.2.2)				178.00
Total 2.3. (2.3.1 + 2.3.2)				378.00
2.4 Contracte de cercetare/consultanță (valoare echivalentă de minimum 2.000 euro)				
2.4.1. Contracte de cercetare/consultanță - responsabil (5 * ani de desfasurare)				
			Nr. ani	Pcte
				0
Total 2.4.1.				0.00
2.4.2. Contracte de cercetare/consultanță - membru în echipă (2 * ani de desfasurare)				
			Nr. ani	Pcte
				0
Total 2.4.2.				0.00
Total 2.4. (2.4.1 + 2.4.2)				0.00
TOTAL A2 (2.1 + 2.2 + 2.3 + 2.4)				1189.72
A.3. Recunoașterea impactului activității				
3.1. Citări în reviste și volumele conferințelor ISI și BDI				
3.1.1. ISI (sursă ISI Thomson Reuters) (5 / nr de autori ai art citat)				
			Nr. Autori	
1	Articol citat: <u>Morega Mihaela</u> , Bejan A., "Plate fins with variable thickness and height for air-cooled electronic modules", International Journal of Heat and Mass Transfer, ISSN: 0017-9310 , vol. 37/1994, Suppl., p. 433 - 444, Accession Number: WOS:A1994NE24800042, JIF (2014): 2.383		2	

1. Kim, D.K., "Thermal optimization of branched-fin heat sinks subject to a parallel flow", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, Volume: 77, Pages: 278-287, Published: OCT 2014, Accession Number: WOS:000340302400025			2.50
2. Kim, S., Min, J.K., Ha, M.Y., Son, C., "Investigation of high-speed bypass effect on the performance of the surface air-oil heat exchanger for an aero engine", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, Volume: 77, Pages: 321-334, Published: OCT 2014, Accession Number: WOS:000340302400029			2.50
3. Rivera-Alvarez, A. , Ordonez, J.C, "The flat plate fin of constant thickness, straight base, and symmetrical shape", Journal of Heat Transfer, Volume 136, Issue 5, Article number 051903, Published: MAY 2014, Accession Number: WOS:000335816500012			2.50
4. Diani, A.; Mancin, S.; Zilio, C. Rossetto, L., "An assessment on air forced convection on extended surfaces: Experimental results and numerical modeling", INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: 67 Pages: 120-134, Published: MAY 2013, Accession Number: WOS:000317809400011			2.50
5. Hatakeyama, T.; Ishizuka, M.; Kibushi, R., "Experimental Study on the Performance of Compact Heat Sink for LSI Packages", 7th International Microsystems, Packaging, Assembly and Circuits Technology Conference (IMPACT) Location: Taipei, TAIWAN Date: OCT 24-26, 2012, Published: 2012, Accession Number: WOS:000319528300038			2.50
6. Kim, Dong-Kwon; Jung, Jaehoon; Kim, Sung Jin, "Thermal optimization of plate-fin heat sinks with variable fin thickness",INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER Volume: 53 Issue: 25-26 Pages: 5988-5995, Published: DEC 2010, Accession Number: WOS:000307202900063			2.50
7. Kim, Dong-Kwon; Jung, Jaehoon; Kim, Sung Jin, "THERMAL OPTIMIZATION OF PLATE-FIN HEAT SINKS WITH VARIABLE FIN THICKNESS", 14th International Heat Transfer Conference Location: Washington, DC Date: AUG 08-13, 2010, PROCEEDINGS OF THE ASME INTERNATIONAL HEAT TRANSFER CONFERENCE - 2010 , VOL 3: COMBUSTION, CONDUCTION, ELECTRONIC COOLING, EVAPORATION,TWO-PHASE FLOW Pages: 517-522, Published: 2010, Accession Number: WOS:000307202900063			2.50
8. Subbuswamy, Ganesh; Li, Xianchang, "Simulation of Fluid Flow and Heat transfer of Flat Plate Heat Sinks with Spiral Inserts", Proc. of the14th International ASME Heat Transfer Conference, Location: Washington DC, Date: AUG 08-13, 2010, vol. 3, p. 611-618, Published: 2010, Accession Number: WOS:000307202900073			2.50
9. Ishizuka, Masaru; Nakagawa, Shinji; Honma, Toru,"The performance of small heat sinks for LSI packages in combined natural and forced convection air flows", ASME/Pacific Rim Technical Conference on Integration and Packaging of MEMS, NEMS, and Electronic Systems, Location: San Francisco CA, Date: JUL 17-22, 2005, p. 11-18, Published: 2005, Accession Number: WOS:000241978200002			2.50
10. Jonsson, H; Moshfegh, B, "Enhancement of the cooling performance of circular pin fin heat sinks under flow bypass conditions", Proc. of the 8th Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems Location: SAN DIEGO CA, Date: MAY 30-JUN 01, 2002, p. 425-432, Published: 2002, Accession Number: WOS:000177323800058			2.50
11. Sabry, MN, "Transverse temperature gradient effect on fin efficiency for micro-channel design", IEEE JOURNAL OF ELECTRONIC PACKAGING Volume: 123 Issue: 4 Pages: 344-350, Published: DEC 2001, Accession Number: WOS:000172872300005			2.50
12. Marongiu, MJ; Berhe, MK; Fallon, GS, "Thermal management of IC's using heat sinks incorporating Phase Change Materials (PCM)", International Conference on High-Density Interconnect and Systems Packaging Location: DENVER, CO Date: APR 25-28, 2000, Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 4217 Pages: 60-65, Published: 2000, Accession Number: WOS:000167729500011			2.50
13. Marongiu, MJ; Berhe, MK; Fallon, GS, "Thermal management of IC's using heat sinks incorporating phase change materials (PCM), Cont'd",, International Symposium on Microelectronics, BOSTON, MA Date: SEP 18-22, 2000, Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 4339 Pages: 506-511, Published: 20001,			2.50

	Accession Number: WOS:000167740800087			
	14. Ishizuka, M; Yokono, Y; Biswas, D, "Experimental study on the performance of a compact heat sink for LSI packages", PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART A-JOURNAL OF POWER AND ENERGY Volume: 214 Issue: A5 Pages: 523-530 Published: 2000, Accession Number: WOS:000165514600013			2.50
	15. Marongiu, MJ; Berhe, MK; Fallon, GS, "Thermal management of IC's and microprocessor using heat sinks (pin fin and channel) incorporating phase change materials (PCM) for transient operation", Proc. of the 1999 INTERNATIONAL SYMPOSIUM ON MICROELECTRONICS Location: CHICAGO IL, Date: OCT 26-28, 1999, Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 3906 Pages: 789-794, Published: 1999, Accession Number: WOS:000084202800127			2.50
	16. Sathe, S; Sammakia, B, "A review of recent developments in some practical aspects of air-cooled electronic packages", JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME Volume: 120 Issue: 4 Pages: 830-839 Published: NOV 1998, Accession Number: WOS:000077668100003			2.50
	17. Eckert, E.R.G.; Goldstein, R.J.; Ibele, W.E.; Patankar, S.V.); Simon, T.W.; Strykowski, P.J.; Tamma, K.K.; Kuehn, T.H.; BarCohen, A.; Heberlein, J.V.R.; Hofeldt, D.L.; Davidson, J.H.; Bischof, J.; Kulacki, F., "Heat transfer - A review of 1994 literature", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER Volume: 40 Issue: 16 Pages: 3729-3804 Published: OCT 1997, Accession Number: WOS:A1997XK38900001			2.50
2	Articol citat: <u>Morega Mihaela</u> , Morega A. M., "Computed SAR in Human Head for the Assessment of Exposure from Different Phone Device Antennas", Environmental Engineering and Management Journal, ISSN: 1582-9596, Vol. 10, Issue 4/2011, p. 527-533, Accession Number: WOS:000292409400009, JIF (2014): 1.065		2	
	1. Dafinescu, V. ; David, V.; Andritoi, D.; Lunca, E.; Dragoi, E.N., "ELECTROMAGNETIC POLLUTION OF THE HOSPITAL ENVIRONMENT DUE TO NEW GENERATION MOBILE PHONES", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 14, Issue: 1, Pages: 73-78, Published: JAN 2015, Accession Number: WOS:000351589400009			2.50
	2. Lazarescu, C.; David, V.; Nica, I.t; Dafinescu V., "Walls Effect Over the Specific Absorbtion Rate in the Human Head due to Mobile Phone Exposure", International Conference and Exposition on Electrical and Power Engineering (EPE) Location: Gheorghe Asachi Tech Univ Iasi, Fac Elect Engn, Iasi, ROMANIA Date: OCT 25-27, 2012, Proceeedings ISBN:978-1-4673-1172-4, Pages: 560-564, Published: 2012, Accession Number: WOS:000324685300098			2.50
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Total 3.1.1.				69.86
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17	Articol citat: <u>Mihaela Morega</u> , Alina Machedon, "EMF Penetration in Biological Tissue when Exposed in the Near Field of a Mobile Phone Antenna", 4th International Symposium on Advanced Topics in Electrical Engineering, ATEE-2004, November 25-26, 2004, CD-ROM ISBN 973-7728-31-9		2	
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	2. Cazacu, D. , Popa, I. , Iordache, M. "Finite element numerical experiments on the absorption of the EMF radiation in 3D human head models", 32nd International Spring Seminar on Electronics Technology - ISSE 2009, 13-17 May 2009, Page(s):1 - 4, Print ISBN:978-1-4244-4260-7, INSPEC Accession Number:10837803, (IEEEExplore)			1.50
	3. Deniz Celik, "Computation of the Cell Phone-Induced SAR Distribution in a 3D Multi-Layered Model of the Human Head/Brain Using ANSYS HFSS", OzenEngineering, www.ozeninc.com , (Google Scholar)			1.50
	4. Cazacu D., Stanescu C., Petrisor Anca, "Comparative assessment of the mobile phones' EMF absorption between adults and children head models", Proc. of the 9th WSEAS Int. Conf. on Mathematical Methods and Computational Techniques in Electrical Engineering, Arcachon, October 13-15, 2007 (Google Scholar)			1.50
	5. Radoje Jevtić, Jovan Ničković, "Thermal Effects during the Time of Using Mobile Phones", INFOTEH-JAHORINA Vol. 9, Ref. E1-22, p. 988-992, March 2010 (Google Scholar)			1.50
	6. R Jevtić, J Ničković, D Jevtić, "SAR and thermal effects of mobile phones", Tehnika, 2011 (Google Scholar)			1.50
18	Articol citat: Negoias Andrei, Machedon Alina, <u>Morega Mihaela</u> , "Evaluation of Dosimetric Parameters in Biological Tissues Exposed to Microwaves", Fourth European Symposium on Medical Physics and Biomedical Engineering, June 2004, Patras, Grecia		3	
	1. E Jeler, "The Geometrical Simplified Model for Study of the Electromagnetic Field Absorption in a Human Head when Using a Cell Phone", MTA Review, ISSN 1843-3391, Vol. XXIII, No. 1, pp. 47-60, Mar. 2013 (Google Scholar)			1.00

19	Articol citat: Morega, Al.M., <u>Morega, Mihaela</u> , "A FEM model of thermoelectric and thermomagnetic effects", Rev. Roumaine Sci. Techn. Electrotech. et Energ., ISSN: 0035-4066, tome 48/2003, nr. 2-3, p. 187-197.		2	
	1. F. Sertellera ,M.A. Atalay, "Thermal analysis of ferromagnet actuator by finite element method", Physica B Condensed Matter (Elsevier), Volume 372, Issues 1–2, 1 February 2006, Pages 366–368 (Google Scholar)			1.50
	2. M Sireteanu, A Niagu, C Bratescu, D Astarastoa, "The influence of geometric properties over the core on the absorption characteristics of electromagnetic hexachiral honeycomb", 9th International Conference on Electromechanical and Power Systems SIELMEN 2013, Iasi, octombrie 2013 (Google Scholar)			1.50
20	Articol citat: <u>Morega Mihaela</u> , Machedon Alina - "Specific Conditions for EMF Modeling in Human Exposure from Mobile Phone Technology", Advanced Topics in Electrical Engineering ATEE 2002, București, Noiembrie 2002, 7 pagini, CD-ROM		2	
	1. Jiří Dlouhý, j. Rozman, "The Thermal Distribution and the SAR Calculation of RF Signal Inside the Human Head", Proceedings of the 14th Conference STUDENT EEICT, 2008, http://www.feec.vutbr.cz (Google Scholar)			1.50
	2. Deniz Celik, "Computation of the Cell Phone-Induced SAR Distribution in a 3D Multi-Layered Model of the Human Head/Brain Using ANSYS HFSS", Ozen Engineering, www.ozeninc.com , (Google Scholar)			1.50
	3. BS Fadhel, MR Kamarudin, "EM Wave Effects upon the Human Body Using UWB Antennas", International Journal of Information and Electronics Engineering, Vol. 4, No. 2, March 2014, p. 158-161, (ProQuest, Google Scholar)			1.50
21	Articol citat: A. M. Morega, , J.C. Ordonez, S. Faur, <u>Mihaela Morega</u> , " A Magnetically Driven Micro-Mixing Device and its Numerical Analysis", Proc. of the European COMSOL Conference 2007, Grenoble, France, October 2007, vol. 2, ISBN 978-0-9766792-6-4, p. 695-700		4	
	1. J. Lee, T. Nomura and E. M. Dede, "Design Optimization of Magnetic Fluid Cooling System", ASME 2012 International Mechanical Engineering Congress and Exposition, Volume 7: Fluids and Heat Transfer, Parts A, B, C, and D, Houston, Texas, USA, November 9–15, 2012, Conference Sponsors: ASME, ISBN: 978-0-7918-4523-3, Paper No. IMECE2012-85817, pp. 667-672; 6 page (ASME Digital Collection, CrossRef, Google Scholar)			0.75
22	Articol citat: Mocanu C., Morega Al. M., <u>Morega Mihaela</u> , "On The Difficulties of Thomas - Wigner Rotation", <i>Hadronic Journal</i> , vol. 18/1995, no. 1, p. 63 - 96, ISSN 0036-8091		3	
	1. Ruggero Maria Santilli, Editor of HADRONIC MATHEMATICS, MECHANICS and CHEMISTRY, Vol. I - Iso-, Geno-, Hyper-Formulations for Matter and Their Isoduals for Antimatter, November 2007, Intl. Scholar Press (Google Scholar)			1.00
23	Articol citat: Mihaela Morega, "Numerical Models for Microwave Dosimetry in Human Tissue Related to Wireless Applications", Rev. Roum. Sci. Techn. – Serie Electrotechn. et Energ., ISSN: 0035-4066, tome 51/2006, nr. 2, p. 249-261		1	
	1. P.A. Palade, "Numerical Analysis of the EM Devices Influence on the Human Brain", Journal of Electrical & Electronics Engineering (former Analele Universitatii din Oradea), 2010 (Google Scholar)			3.00

24	Articol citat: Daniel Mocanu, <u>Mihaela Morega</u> , Alexandru Morega, " A Simulation Study of Electrical Rhythms in a Paced Cardiac Fiber", Proc. of the 5th International Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania, September 2006, Romanian Academy Publishing House, ISBN 978-973-27-1641-0 p. 153-161		3	
	1. Sabzpoushan SH, Pourhasanzade F., "A Cellular Automata-based Model for Simulating Restitution Property in a Single Heart Cell.", Journal of Medical Signals and Sensors, 2011;1(1):19-23, (Google Scholar)			1.00
25	Articol citat: <u>Morega Mihaela</u> , Morega A.M., Diaz I.M., Sandoiu Alina, "Percutaneous microwaves hyperthermia study by numerical simulation", Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering - EPE 2014, October 2014, Iasi, Romania, ISBN: 978-147995849-8, p. 498-503, Accession Number: WOS:000353565300088		4	
	1. Gas, Piotr, "Determination of the optimal multi-slot coaxial antenna sizes based on the microwave antenna reflection coefficient characteristics", Selected Problems of Electrical Engineering and Electronics (WZEE), 2015, ISBN:978-1-4673-9450-5, DOI:10.1109/WZEE.2015.7394015, 4p., INSPEC Acc No: 15731606 (IEEEExplore, Google Scholar)			0.75
Total 3.1.2				61.93
Total 3.1 (3.1.1 + 3.1.2)				131.79
3.2. Prezentari invitate in plenum unor manifestari stiintifice nationale si internationale si profesor invitat (exclusiv POS, ERASMUS)				
3.2.1. Prezentări - internaționale (20 puncte / activitate)				
1	Mihaela Morega, "Major areas in Romanian computational electromagnetic research and development", International Forum, Reports from International Regional Representatives concerning topics of technical importance in each region - Easter Europe, The 7th Annual Review of Progress in Applied Computational Electromagnetics, ACES' 91, The Naval Postgraduate School, Monterey, California, USA, March 1991			20.00
2	Mihaela Morega, "Therapeutic use of electromagnetic fields", Invited presentation for BM0704 COST Action MC meeting and workshop "EMFs in medical and other applications", May 18, 2012, Zurich, Switzerland			20.00
3	<u>Mihaela Morega</u> , Alexandru Morega, "Thermal Control of Target Tissue Volume in Interstitial Hyperthermia", Workshop under the COST Action BM1309 - Designing Focused Deep Hyperthermia by EMF, June 23, 2015, Zurich, Switzerland			20.00
Total 3.2.1				60.00
3.2.2. Prezentări - naționale (5 puncte / activitate)				
1	Mihaela Morega, "Posibilitati de implicare si participare la proiectele internationale de cercetare in domeniul bioelectromagnetismului", Workshop de Compatibilitate electromagnetica si Bioelectromagnetica, Sibiu 20 Aprilie 2010			5.00
2	Mihaela Morega, "Mijloace de investigare pentru dozimetria in domeniul microundelor, cu aplicatii in utilizarea telefoanelor mobile", Workshop de Compatibilitate electromagnetica si Bioelectromagnetica, Sibiu 20 Aprilie 2010			5.00
3	Mihaela Morega, "Determinarea SAR prin modelare numerica", Lucrare invitata la Workshop-ul "Prezentarea Laboratorului pentru evauarea si certificarea SAR la terminale utilizate in telefonie mobila", ICMET-Craiova, 5 august 2009			5.00
4	A.M. Morega, <u>Mihaela Morega</u> , "Magnetic Field Control on Magnetic Fluid Micro-channel Flow", Romanian FLUENT Users Group Meeting, Sinaia, Romania, March 31, 2006			5.00
Total 3.2.2.				20.00
Total 3.2. (3.2.1 + 3.2.2)				80.00

3.3. 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)			
3.3.1. ISI (10 puncte / activitate)			
Reviste indexate ISI			
Conferinte indexate ISI - membru Program/Technical/Scientific Committee (activitate științifică)			
7th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2011, May 2011 - Program Committee member, Section Chair			10.00
8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest, May 2013 - PC member, Section Chair			10.00
9th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2015, Bucharest, May 2013 - PC member, Section Chair			10.00
11th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2008, Brasov, Cheile Gradistei, May 2008 - PC member, Section Chair			10.00
12th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2010, Brasov, Cheile Gradistei, May 2010 - PC member, Track Chair, Section Chair			10.00
14th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2014, Brasov, Cheile Gradistei, May 2014 - PC member, Section Chair			10.00
3rd Intl. Conf. on E-Health and Bioengineering Conference - EHB 2011, Iasi, November 2011 - TC member			10.00
4th Intl. Conf. on E-Health and Bioengineering Conference - EHB 2013, Iasi, November 2013 - TC member			10.00
5th Intl. Conf. on E-Health and Bioengineering Conference - EHB 2015, Iasi, November 2015 - TC member			10.00
Recenzii reviste/conferinte indexate ISI			
REVISTE	FI (2014)		
ENERGY 2015 (Elsevier International Journal) - in 2014 recenzie Manuscript Number: EGY-D-15-01214	4.844		10.00
Revue Roumaine des Sciences Techniques - Electrotechnique et Energetique, RRST ISSN: 0035-4066 - in 2015 (3 articole recenzate), in 2014 (2 articole recenzate), in 2013 (1 articol recenzat), in 2012 (1 articol recenzat), in 2011 (1 articol recenzat), in 2009 (1 articol recenzat)	0.333		10.00
Rom. J. of Physics , ISSN 1221-146X - in 2013 recenzat 1 articol	0.924		10.00
Journal Electrical Engineering, ELEN (former Archiv für Elektrotechnik, Springer), ISSN 1221-146X - in 2015 recenzat 1 articol (#ELEN-D-14-00145)	0.347		10.00
Environmental Engineering and Management Journal, EEMJ, ISSN: 1582-9596 - in 2015 recenzate 3 articole	1.065		10.00
CONFERINTE			

14th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2014, Brasov, Cheile Gradiste - recenzie 1 articol (RD_003727)	ISI Proceedings		10.00
12th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2010, Brasov, Cheile Gradiste - recenzie 2 articole (tmp-9620-000019, tmp-9684-000019)	ISI Proceedings		10.00
2014 International Conference on Advancements of Medicine and Health Care through Technology, MediTech-2014, Cluj-Napoca, Romania - recenzie 4 lucrari (L4202, L4201, L2404, L2402)	ISI Proceedings		10.00
2011 International Conference on Advancements of Medicine and Health Care through Technology, MediTech-2011, Cluj-Napoca, Romania - recenzie 5 lucrari (L4102, L4103, L4108, L4202, L4301)	ISI Proceedings		10.00
2009 International Conference on Advancements of Medicine and Health Care through Technology, MediTech-2009, Cluj-Napoca, Romania, recenzie 4 lucrari (L4201, L4202, L4203, L4302)	ISI Proceedings		10.00
The 4th International Symposium on Electrical and Electronics Engineering, Galati, Romania, 2013 - recenzie 1 lucrare (#77)	ISI Proceedings		10.00
2012 International Conference on Applied and Theoretical Electricity – ICATE 2012, Craiova, Romania - recenzie 6 lucrari (L22, L49, L59, L101, L104, L126)	ISI Proceedings		10.00
5th Intl. Conf. on E-Health and Bioengineering Conference - EHB 2015, Iasi - recenzie 6 lucrari (#40, #67, #101, #142, #182, #203)	ISI Proceedings		10.00
4th Intl. Conf. on E-Health and Bioengineering Conference - EHB 2013, Iasi - recenzie 10 lucrari (#26, #27, #41, #42, #63, #66, #84, #85, #110, #123)	ISI Proceedings		10.00
3th Intl. Conf. on E-Health and Bioengineering Conference - EHB 2011, Iasi - recenzie 7 lucrari (#52, #37, #41, #51, #72, #83, #138)	ISI Proceedings		10.00
9th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2015, Bucharest - recenzie 5 lucrari (#278, #184, #178, #69, #62)	ISI Proceedings		10.00
8th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2013, Bucharest - recenzie 13 lucrari (#8, #65, #84, #145, #153, #176, #195, #202, #206, #207, #216, #217, #228)	ISI Proceedings		10.00
7th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2011, Bucharest - recenzie 6 lucrari (#110, #169, #175, #114, #164, #125)	ISI Proceedings		10.00
2014 International Conference and Exposition on Electrical and Power Engineering - EPE 2014, Iasi, Romania - recenzie 4 lucrari (#521, #618, #678, #711)	ISI Proceedings		10.00
Total 3.3.1			280.00
Reviste indexate BDI - membru in colectivul de redactie, guest editor		BDI	
Guest Editor pentru - Nonlinear Optics Quantum Optics Journal (NLOQO), ISSN 1543-0537, Vol. 39, Number 2-3, 2009 (http://www.oldcitypublishing.com/journals/nloqo-home/nloqo-issue-contents/nloqo-volume-39-number-2-3-2009/)	Old City Publishing, Scopus, Google Scholar		6.00

Guest Editor pentru - International Journal of Monitoring and Surveillance Technologies Research (IJMSTR), ISSN: 2166-7241, Vol. 1, Issue 4, 2013 (http://www.irma-international.org/journal/international-journal-monitoring-surveillance-technologies/63436/)	Inspec		6.00
Conferinte indexate BDI - membru Program/Technical/Scientific Committee (activitate stiintifica)			
13th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2012, May 2012 - PC member, Section Chair	Scopus, IEEE Xplore, Google Scholar		6.00
2nd Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2009, Porto, Portugal, January 14-17, 2009 - PC member	ScitePress		6.00
3rd Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2010, Valencia, Spain, January 20-23, 2010 - PC member	ScitePress		6.00
4th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2011, Rome, Italy, January 26-29, 2011 - PC member	ScitePress		6.00
5th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2012, Vilamoura, Portugal, February 4, 2012 - PC member	ScitePress		6.00
6th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2013, Barcelona, Spain, February 11-14, 2013 - PC member	ScitePress		6.00
7th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2014, Eseo-Anger, France, March 3-6, 2014 - PC member	ScitePress		6.00
8th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2015, Lisbon, Portugal, January 12-15, 2015 - PC member	ScitePress		6.00
9th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2016, Rome, Italy, February 21-23, 2016 - PC member	ScitePress		6.00
IEEE Africon Intl. Conference, September 2009, Nairobi, Kenia - PC member, Track Chair	IEEEExplore		6.00
IEEE Africon Intl. Conference, September 2011, Livingstone, Zambia - PC member, Track Chair	IEEEExplore		6.00
1st Intl. Conf. on Physiological Computing Systems - PhyCS 2013, January 7-9, 2014, Lisbon, Portugal - PC member	ScitePress		6.00
2nd Intl. Conf. on Physiological Computing Systems - PhyCS 2014, February 11-13, 2015, Eseo-Anger, France - PC member	ScitePress		6.00
9th Intl. Symp. on Advanced Topics in Electrical Engineering - ATEE 2015, Bucharest, May 2015 - PC member, Section Chair	IEEEExplore		6.00
Recenzii reviste/conferinte indexate BDI			
REVISTE			
Progress in Electromagnetic Research (PIER), ISSN 1559-8985, http://www.jpier.org , recenzii lucrari (incepand din 2011): 2016 (#16010601), 2015 (#15121601, #15060402, #15031002, #15011401), 2014 (#14070302, #14050203, #14012704), 2013 (#13120204, #13070803, #13060604, #13042001, #13022711), 2012 (#12011004, #12020901, #12032904, #12042707, #12051008, #12071306, #12101812), 2011 (#11051301)	SCOPUS, CrossRef		6.00
CONFERINTE			
13th Intl. Conf. on Optimization of Electrical and Electronic Equipment - OPTIM 2012, Brasov, Cheile Gradistei, May 2012, recenzii 2 lucrari (#9152-00001, #9157-000019)	Scopus, IEEE Xplore, Google Scholar		6.00
IEEE Africon Intl. Conference, September 2011, Livingstone, Zambia - recenzii 7 lucrari (#1892-000019, #5893-000019, #0826-000019, #0778-000019, #0782-000019, #5980-000019, #0783-000019)	IEEEExplore		6.00

2010 International Conference and Exposition on Electrical and Power Engineering - EPE 2010, Iasi, Romani - recenzie 3 lucrari (#95-205-1-RV, #91-195-1-RV, #245-560-1-RV)	Google Scholar		6.00
9th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2016, Rome, Italy - recenzie 1 lucrare (#49)	ScitePress		6.00
8th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2015, Lisbon, Portugal - recenzie 1 lucrare (#51)	ScitePress		6.00
7th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2014, Eseo-Anger, France - recenzie 3 lucrari (#26, #30, #39)	ScitePress		6.00
6th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2013, Barcelona, Spain - recenzie 4 lucrari (#9, #23, #35, #84)	ScitePress		6.00
5th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2012, Vilamoura, Portugal - recenzie 4 lucrari (#2, #21, #26, #131)	ScitePress		6.00
4th Intl. Conf. on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2011, Rome, Italy - recenzie 5 lucrari (#74, #75, #113, #131, #146)	ScitePress		6.00
2nd Intl. Conf. on Physiological Computing Systems - PhyCS 2014, February 11-13, 2015, Eseo-Anger, France - recenzie 1 lucrare (#9)	ScitePress		6.00
Total 3.3.2.			162.00
3.3.3. Naționale și internaționale neindexate (3 puncte / activitate)			
Reviste neindexate			
Buletinul ACER (Asociația Română de Compatibilitate Electromagnetică) - membru Colectiv de redacție			3.00
Conferințe neindexate - membru Program/Technical/Scientific Committee (activitate științifică)			
Seminarul Național de Mașini Electrice - SME 2008, SME 2009, SME 2010, SME 2011, SME 2012, SME 2013, SME 2014 (7 ediții)			21.00
Recenzii reviste/conferințe neindexate			
			0
Total 3.3.3.			24.00
Total 3.3. (3.3.1 + 3.3.2 + 3.3.3)			466.00
3.4. Experiența management			
3.4.1 Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director școală doctorală, director, director adjunct, șef secție) (5 * nr de ani)			
Secretar științific al Consiliului Facultății de Electrotehnică 1996 - 2004 (2 legislaturi, 8 ani)			
Total 3.4.1.			0.00

3.4.2 Membru organisme conducere (senat, consiliul facultății, consiliu departament, consiliu de administrație, consiliu științific) (2 * nr de ani)			
	Membru in Consiliul Facultatii de Electrotehnica (Inginerie Electrica) 1996-2008 (3 legislaturi, 12 ani)		24.00
	Membru in Consiliul Facultatii de Inginerie Medicala 2012-prezent (legislatura curenta, 3 ani)		6.00
	Total 3.4.2.		30.00
	Total 3.4. (3.4.1 + 3.4.2)		30.00
3.5. Referent in comisii de doctorat			
3.5.1. Internaționale (10)			
	Total 3.5.1.		0.00
3.5.2. Naționale (5)			
1	Ordinul Rectorului UPB nr. 110/30.06.1999, Titlul tezei: Analiza funcționării mașinii asincrone cu structură nesimetrică și a performanțelor electromagnetice ale acesteia, Autor: As. ing. Florin DAVID, Coordonator: Prof. dr. ing. Const. Bala		5.00
2	Ordinul Rectorului UPB nr. 127/01.06.2001, Titlul tezei: MĂSURAREA PARAMETRILOR CÂMPULUI ELECTROMAGNETIC DE FRECVENȚĂ INDUSTRIALĂ IN VEDEREA STUDIILOR DE BIO-ELECTROCOMPATIBILITATE, Autor: As. ing. Daniela URMA, Coordonator: Prof. dr. ing. Carmen Golovanov		5.00
3	Ordinul Rectorului UPB nr. 131/30.11.2001, Titlul tezei: INCERCAREA SI DIAGNOSTICAREA TRANSFORMATOARELOR DE PUTERE, Autor: ing. Gabriel TANASESCU, Coordonator: Prof. dr. ing. Const. Bala		5.00
4	Ordinul Rectorului UT Cluj-Napoca nr. 227/20.02.2007, Titlul tezei: CONTRIBUȚII PRIVIND STUDIUL ȘI OPTIMIZAREA TEHNICII DE STIMULARE MAGNETICĂ A SISTEMULUI NERVOS, Autor: Laura Letitia CRET, Coordonator: Prof. dr. ing. Radu CIUPA		5.00
5	Ordinul Rectorului UPB nr. 198/06.11.2009, Titlul tezei: CONTRIBUȚII TEORETICE ȘI EXPERIMENTALE PRIVIND REGIMURILE DE FUNCȚIONARE ALE TRANSFORMATOARELOR ELECTRICE, Autor: As. ing. Dragos DEACONU, Coordonator: Prof. dr. ing. Const. Ghita		5.00
6	Ordinul Rectorului Acad. Tehn. Militare nr. 23/06.06.2009, Titlul tezei: CONTRIBUȚII PRIVIND UTILIZAREA UNOR METODE NUMERICE PENTRU EVALUAREA INFLUENȚEI CÂMPULUI RADIAT DE TERMINALELE TELEFONICE MOBILE ASUPRA CAPULUI UMAN, Autor: Lt. ing. Eduard JELER, Coordonator: Prof. dr. ing. Gheorghe GAVRILA		5.00
7	Ordinul Rectorului Univ. "Politehnica" din Timisoara nr. 3/01.10.2012, Titlul tezei: CONTRIBUȚII LA DOZIMETRIA DE RADIOFRECVENȚĂ ÎN EXPUNERILE CONTROLATE ALE PROBELOR BIOLOGICE, Autor: As. ing. Cora IFTODE, Coordonator: Prof. dr. ing. Alimpie IGNEA		5.00
8	Ordinul Rectorului Acad. Tehn. Militare nr. 106/03.06.2013, Titlul tezei: CONTRIBUȚII LA STUDIUL FENOMENELOR ELECTROMAGNETICE PERTURBATOARE LA BORDUL NAVELOR MARITIME. SOLUȚII ANTIPERTURBATIVE, Autor: Lt. ing. Ionut Laurentiu DATCU, Coordonator: Prof. dr. ing. Gheorghe GAVRILA		5.00
9	Ordinul Rectorului Acad. Tehn. Militare nr. 22/04.02.2014, Titlul tezei: CONTRIBUȚII LA STUDIUL FENOMENELOR ELECTROMAGNETICE PERTURBATOARE LA BORDUL AERONAVELOR, Autor: ing. Andrea CAIAN (CREOSTEANU), Coordonator: Prof. dr. ing. Gheorghe GAVRILA		5.00
10	Ordinul Rectorului Univ. "Al. I. Cuza" din Iasi nr. 2411/26.02.2014, Titlul tezei: CONTRIBUȚII ÎN DOMENIUL MAGNETOMETRIEI CARDIACE, Autor: ing. Anca BANARESCU (IFTEMIE), Coordonator: Prof. dr. Octavian BALTAG		5.00

11	Ordinul Rectorului Acad. Tehn. Militare nr. 124/02.07.2014, Titlul tezei: CONTRIBUȚII PRIVIND MODELAREA ȘI REDUCEREA AMPRENTEI MAGNETICE LA NAVE, Autor: ing. Georgiana MARIN, Coordonator: Prof. dr. ing. Gheorghe SAMOILESCU			5.00
12	Ordinul Rectorului UPB nr. 227/20.12.2014, Titlul tezei: CONTRIBUȚII LA STUDIUL GENERATOARELOR SINCRONE CU MAGNEȚI PERMANENȚI DIN SISTEMELE EOLIENE, Autor: ing. Steluta NEDELCU, Coordonator: Prof. dr. ing. Const.Ghita			5.00
Total 3.5.2.				60.00
Total 3.5. (3.5.1 + 3.5.2)				60.00
3.6. Premii				
Academia Română (30)				
ASAS, AOSR, academii de ramură și CNCS (15)				
Premii Internaționale (10)				
Best Poster Award at the COMSOL Conferences 2010 in Paris for the paper "Numerical Simulation of Magnetic Drug Targeting with Flow – Structural Interaction in an Arterial Branching Region of Interest", by A. Morega, A. Dobre, and M. Morega, University Politehnica of Bucharest, Faculty of Electrical Engineering, Bucharest, Romania http://simpleware.com/news-and-events/news/comsol-award.html				10.00
Premii naționale in domeniu (5)				
Medalia de aur la Salonul de Invenții și Inovații INVENTIKA, 15-18 Oct. 2014, București: Pslaru-Dănescu L., Morega A.M., Morega M., Lipan L.C., Bunea F., "Motor sonic magnetostrictiv cu modul electronic de acționare", pentru brevet depus cu N 2 2013 0092, 26.11.2013				5.00
Medalia de aur și și Diploma de Excelență la Salonul Internațional de Invenții PRO ONVENT, Ediția a XIII-a, 2015, 25-27 martie 2015, Cluj-Napoca: Pslaru-Dănescu L., Morega A.M., Morega M., Lipan L.C., Bunea F., "Motor sonic magnetostrictiv cu modul electronic"				5.00
Total 3.6.				20.00
3.7. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării				
3.7.1. Academia Română (100)				
3.7.2. ASAS, AOSR și academii de ramură				
3.7.3. Conducere asociații profesionale				
Internaționale (30)				
Naționale (10)				
Chair al IEEE_EMC (Electromagnetic Compatibility) Romanian Chapter (din 2015) si Membru fondator (din 2003)				10.00
Membru Comitet Director (format din 3 persoane) al SRPRNI (Societatea Romana pentru Protectia Impotriva Radiatiei Neionizante), (2008-prezent)				10.00

3.7.4. Asociații profesionale			
3.7.4.1. Internaționale (5)			Pcte
IEEE member (1996 - prezent), senior member din 2014			5.00
3.7.4.2. Naționale (2)			
Membru fondator al Societatii Nationale de Inginerie Medicala si Tehnologie Biologica (2000 - prezent)			2.00
Membru al Asociației pentru Compatibilitate Electromagnetica din Romania ACER (2003 - prezent)			2.00
3.7.5. Comisii și organizații în domeniul educației și cercetării			
3.7.5.1. Conducere (15)			
Presedinte Comitetul CT312 ASRO			15.00
3.7.5.2. Membru (10)			
Membru in Comitetul CT279 ASRO			10.00
Total 3.7			54.00
A3. Total puncte recunoașterea impactului activității (3.1 + 3.2 + 3.3 + 3.4 + 3.5 + 3.6 + 3.7)			841.79
SINTEZA			
		Punctaj minim abilitare	Punctaj realizat
A1 Activitate didactica si profesionala		80	247
A2 Activitate de cercetare		300	1190
A3 Recunoasterea impactului activitatii		60	842
TOTAL puncte A = A1 + A2 + A3		440	2279
		Numar minim abilitare	Numar realizat
A1 - 1.1.1. Carti cu ISBN / capitole ca autor didactice sau monografii		4	5 carti + 6 capitole
A1 - 1.2.1. Suport de curs inclusiv electronic (dintre care ca prim sau unic autor)		2 (1)	6 (6)
A1 - 1.2.2. Indrumare de laborator sau aplicatii (dintre care ca prim sau unic autor)		2 (1)	9 (6)
A2 - 2.1. Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson-Reuters, brevete inventie		8	16+40+2
A2 - 2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in baze de date internationale		16	20+24
A2 - 2.3.1. Director / responsabil de granturi / proiecte castigate prin competitie		2	7
A3 - 3.1.1. Citari in reviste indexate ISI			34
A3 - 3.5. Membru in comisii de evaluare a unor teze de doctorat			12