

CSUD-CD

**DECLARAȚIE DE DEPUNERE A CANDIDATURII PENTRU FUNCȚIA DE
MEMBRU AL CONSILIULUI PENTRU STUDII UNIVERSITARE DE DOCTORAT AL
INSTITUȚIEI ORGANIZATOARE DE STUDII UNIVERSITARE DE DOCTORAT
UNIVERSITATEA POLITEHNICA TIMIȘOARA**

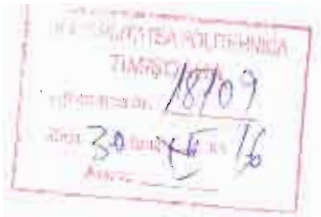
Subsemnatul, prof. univ. dr. ing. Aldo De Sabata, prin prezenta îmi depun candidatura pentru funcția de membru al Consiliului pentru Studii Universitare de Doctorat al instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara.

Anexez următoarele documente, în conformitate cu art. 20 al Regulamentului instituțional de organizare și desfășurare a alegerilor pentru structurile organizatorice și funcțiile de conducere ale studiilor universitare de doctorat la nivelul instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara:

- Curriculum vitae;
- Autoevaluarea cu privire la îndeplinirea standardelor minimale și obligatorii pentru acordarea atestatului de abilitare, în vigoare, aprobate prin ordin al ministrului educației, cercetării, tineretului și sportului, potrivit art. 219 alin. (1) lit. a) din Legea nr. 1/2011;

Data 29.12.2016

Semnătura



CȘD-CD

**DECLARAȚIE DE DEPUNERE A CANDIDATURII PENTRU
FUNȚIA DE MEMBRU AL CONSILIULUI ȘCOLII DOCTORALE AL
INSTITUȚIEI ORGANIZATOARE DE STUDII UNIVERSITARE DE DOCTORAT
UNIVERSITATEA POLITEHNICA TIMIȘOARA**

Subsemnatul, prof. univ. dr. ing. Aldo De Sabata, prin prezenta îmi depun candidatura pentru funcția de membru al Consiliului Școlii Doctorale al instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara.

Anexez următoarele documente, în conformitate cu art. 20 al Regulamentului instituțional de organizare și desfășurare a alegerilor pentru structurile organizatorice și funcțiile de conducere ale studiilor universitare de doctorat la nivelul instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara:

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- Autoevaluarea cu privire la îndeplinirea standardelor minime și obligatorii pentru acordarea atestatului de abilitare, în vigoare, aprobate prin ordin al ministrului educației, cercetării, tineretului și sportului, potrivit art. 219 alin. (1) lit. a) din Legea nr. 1/2011;





Data 20.12.2016

Semnătura

INFORMAȚII PERSONALE

Aldo DE SABATA



 Str. 1 Decembrie 90/B, sc. B, apt. 7, 300582 Timișoara, România
 0256403370  07457083381
 aldo.de-sabata@upt.ro

Sexul: M | Data nașterii: 18.02.1961 | Naționalitatea: Română

EXPERIENȚA PROFESIONALĂ

2002-prezent

profesor universitar abilitat

Universitatea Politehnica Timișoara
 Piața Victoriei nr. 2, 300001 Timișoara, România, www.upt.ro
 • Educație, cercetare, management universitar

Tipul sau sectorul de activitate: Educație și cercetare

1987-2001

conferențiar universitar , șef de lucrări, asistent, inginer de cercetare

Universitatea Politehnica Timișoara
 Piața Victoriei nr. 2, 300001 Timișoara, România, www.upt.ro
 • Educație, cercetare, management universitar

Tipul sau sectorul de activitate: Educație și cercetare

1985-1987

inginer electronist

Institutul pentru Tehnică de Calcul București, Filiala Timișoara
 Desființat

• Depanare calculatoare și tehnică de măsurare, proiectare electronică

Tipul sau sectorul de activitate: Producție și cercetare în calculatoare și tehnică de calcul

EDUCAȚIE ȘI FORMARE

1989-1992

Doctor inginer

Institutul Politehnic București (actualmente Universitatea "Politehnica")

• Teoria Informației, Prelucrarea Semnalelor

EDUCAȚIE ȘI FORMARE

1981-1985

inginer Electronică și Telecomunicații – 5 ani

Institutul Politehnic Timișoara (actualmente Universitatea Politehnica)

• Competențe generale și speciale de Electronică și Telecomunicații

COMPETENTE PERSONALE

Limba maternă

Cercetare, conducere de cercetări și educație în Microunde, Antene și Compatibilitate Electromagnetică; cercetări și educație în Teoria Informației, Prelucrarea Semnalelor și Energie Solară

Română



Alte limbi străine cunoscute:

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C1	C2	C2	C1	C1
Franceză	B2	C1	C1	C1	B2
Italiană	B1	B1	A2	A2	A1

Competențe de comunicare

- bune competențe de comunicare dobândite prin experiența proprie de predare în învățământul superior și de participare în echipe de cercetare

Competențe organizaționale/manageriale

- leadership (în prezent, conduc studii doctorale și sunt membru în consilii de conducere la nivel de departament și facultate. În trecut am făcut parte din conducerea facultății timp de 8 ani și în Senatul UPT 3 ani)

Competențe informatice

- Microsoft Office
- Matlab, C
- Software de simulare și CAD electromagnetic

Permis de conducere

- permis de conducere categoria B

INFORMATII SUPLIMENTARE

Publicații Proiecte Distincții Afilieri	140 lucrări, 7 cărți, 7 materiale didactice în format digital Internaționale: responsabil – 1, participant – 3; naționale: responsabil – 4, participant – 13 Premii UEFISCDI: premiarea rezultatelor cercetării – 2 IEEE, ACER, AIET
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Prof. univ. habil. dr. ing. Aldo De Sabata

Îndeplinirea condițiilor de abilitare conform Ordinului MECS 6129/20.12.2016
Anexa 11, Comisia Electronică, Telecomunicații și Nanotehnologie

1. Structura activității				Punctaj
A1. Activitatea didactică și profesională	Cărți, capitole de autor	A1.1.1 Internaționale	1 capitol	152,48
		A1.1.2 Naționale	4 cărți	
		A1.2.1 Manuale didactice	2 manuale	
A2. Activitatea de cercetare	A2.1. Articole reviste și conferințe ISI		48 articole	927,83
	A2.2 Articole reviste și conferințe BDI		22 articole	
	A2.4 Granturi / proiecte câștigate prin competiție	A2.4.1.2 Director / responsabil gr. naționale	2 granturi / proiecte	
		A2.4.2.2 Membru în echipă gr. naționale	13 granturi / proiecte	
A3. Recunoașterea și impactul activității	A3.1 Citări	A3.1.1 ISI	30 citări	180,36
		A3.1.2 BDI	6 citări	
	A3.2 (Co)Chair conf. ISI		3	
	A3.3. Membru colectiv editorial reviste BDI		1	
Punctaj total				1260,67

2. Îndeplinirea condițiilor minime		
Activitatea	Punctaj minimal	Punctaj realizat
A1	100	152,48
A2	600	927,83
A3	150	180,36
Total	850	1260,67

3. Îndeplinirea condițiilor minime, obligatorii pe subcategorii		
Activitatea	Condiție minimală	Realizat
A1	1 carte	6 cărți; 1 capitol
A2.1 Articole ISI	15 din care minimum 3 în reviste Q1 sau Q2	48 din care 3 în reviste Q2; (6 art. conf. de nivel 1 în Julkaisu Pub.)
A2.4.1 Granturi (director sau responsabil partener)	2	2
A3.1.1 Citări ISI	25	30
Factor de impact ISI cumulat pentru publicații	10	19,752

29.12.2016

	A1										
	A1.1.1	Carti internationale	Titlu	ISBN	punctaj						
	1		Ioan Luminosu, Aldo De Sabata, Coleta De Sabata, Applications Oriented Research on Solar Collectors at the "Politehnica" University of Timișoara, in Reccab M. Ochieng Ed., Solar Collectors and Panels, Theory and Applications, Rijeka, Croatia: Sciyo (Intech), pp. 379-404	978-953-307-142-8 (DOI: 10.5772/10346)	4.16						
	A1.1.2	Carti nationale	Titlu	ISBN	punctaj						
	1		Coleta De Sabata, Ioan Luminosu, Aldo De Sabata, Tradiție și perspective în energetica solară la Universitatea "Politehnica" din Timișoara, Timișoara: Excelsior Art, 2010, 214 pagini	978-973-592-248-1	16.66						
	2		Alimpie Ignea, Eugen Mârza, Aldo De Sabata, Antene și propagare, Timișoara: Ed. de Vest, 2002, 310 p.	973-36-0351-1	16.66						
	3		Alimpie Ignea, Traian Jurca, Aldo De Sabata, Ciprian Dughir, Adrian Mihăițu, Aspecte privind monitorizarea perturbațiilor dintr-un site, Timișoara: Waldpress, 2006, 100 p.	973-7878-22-1	10.00						
	4		Bernhard Rothenstein, Aldo De Sabata, Teoria Relativității Speciale, Timișoara: Ed. Eurobit, 1999, 124 p.	973-9336-10-8	25.00						
	A1.2.1	Manuale didactice									
	1		Aldo De Sabata, Metode adaptive în tehnica măsurării, Timișoara: Ed. "Politehnica", 2001, 108 p.	973-8247-40-3	40.00						
	2		Aldo De Sabata, Tehnica frecvențelor înalte, Timișoara: Ed. "Orizonturi Universitare", 2001, 117 p.	973-8109-57-4	40.00						
	Total A1				152.48						

A2.1. Articole ISI	Autori	Titlu	Publicatia	WOS	IF	Q: N(Julkaisu)	Punctaj
1	A. De Sabata, L. Matekovits, A. Silaghi, I. Peter	Anisotropic dielectric devised by metamaterials-related technique	2016 International Conference on Communications (COMM 2016), Book Series: International Conference on Communications (ICC), Pages: 133-136 IEEE 11th International Conference on Communications (COMM), Bucharest, Romania, Jun 09-11, 2016 ISBN:978-1-4673-8197-0	000383221900029	0.25		8.125
2	C. Dughir, A.M. Popovschi, A.C. Cojocariu, F.I. Topala, M.L. Negruțiu, C. Sinescu, A. De Sabata, V.F. Duma	Complete denture base assessment using holograms: dimensional alterations after different activation methods	High-End Medicine Based on Laser and Biotechnologies, Book Series: Proceedings of SPIE, Volume: 9670, Article Number: 967013, 5th Congress of the World-Federation-for-Laser-Dentistry / 6th International Conference on Lasers in Medicine, Bucharest, Romania, May 07-09, 2015, DOI: 10.1117/12.2191886 ISBN:978-1-62841-893-4, ISSN: 0277-786X	000376269100039	0.25		4.0625
3	Ladislau Matekovits, Aldo De Sabata	Signal Integrity Applications of an EBG Surface	Advances in Electrical and Computer Engineering, vol. 15, no. 2, pp. 3-8, 2015, DOI: 10.4316/AECE.2015.0200, ISSN: 1582-7445, eISSN: 1844-7600	000356808900001	0.459	Q4	19.385
4	Aldo De Sabata, Ladislau Matekovits, Andrei Silaghi	Metamaterial Based Screening Box Working from DC up to the GHz Range	Int. Symp. on Signals, Circuits & Systems, July 9-10 2015, Iași, Romania, pp. 1-4 (USB Stick), 2015, ISBN:978-1-4673-7488-0	000380451600059	0.25		10.833
5	Ladislau Matekovits, Aldo De Sabata, Ovidiu Lipan	Band Splitting in 2D EBG Structure by Geometry Modulation	IEEE Int. Symp. on Antennas and Propag., 19-24 July, 2015, APSURSI, Vancouver, BC, Canada, pp. 1950-1951, 2015, ISBN:978-1-4799-7815-1, ISSN: 1522-3965	000371401401345	0.25	N1	10.833
6	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter, Joseph Fuzi	On the EBGs of Shielded 2D Periodic Structures with Metal Inclusions in the Dielectric Layer	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1576-1679, 2015, ISBN:978-1-4799-7806-9	000378428800312	0.25		8.125
7	Aldo De Sabata, Ladislau Matekovits, Ovidiu Lipan	Enrichment of EBG Contents of Periodic Structures by Geometry Modulation	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1613-1616, 2015, ISBN:978-1-4799-7806-9	000378428800320	0.25		10.833
8	Aldo De Sabata, Ladislau Matekovits, Andrei Silaghi, Ulrich L. Rhode, Marius A. Silaghi	2D Periodic Structure Featuring Negative Group Velocity of Bloch Waves	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1617-1620, 2015, ISBN:978-1-4799-7806-9	000378428800321	0.25		6.5

9	Abdul Aziz, Ladislau Matekovits, Aldo De Sabata	A Simple and Robust Technique to Retrieve Effective Refractive Index of Heterogeneous Dielectrics for Millimeter-Wave Applications	CEM '15, Computational Electromagnetics International Workshop, 1-4 July 2015, Izmir, Turkey, pp. 20-21, 2015, ISBN:978-1-4673-7197-1	000380400600009	0.25		10.833
10	C. Sinescu, M.L. Negruțiu, M. Manole, A. De Sabata, L.C. Rusu, S. Stratul, D. Dudea, C. Dughir, V.F. Duma	Retraction of the gingival margins evaluated by holographic methods	Holography: Advances and Modern Trends IV, Book Series: Proceedings of SPIE, Volume: 9508, Article Number: 95080V, Conference on Holography - Advances and Modern Trends IV, Prague, Czech Republic, Apr 15-16, 2015, DOI: 10.1117/12.2179010, ISBN:978-1-62841-629-9, ISSN: 0277-786X	000357642900028	0.25		3.611
11	I. Luminosu, A. De Sabata, D. Mărgineanu, V. Ciupe	Solar thermal systems developed in the western part of Romania: an LCoE analysis	2015 IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI), Pages: 177-180, Published: 2015, 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, Romania, May 21-23, 2015, ISBN:978-1-4799-9911-8	000380397800034	0.25		8.125
12	Aldo De Sabata, Ladislau Matekovits, Yogesh Ranga, Mario Orefice	Effect of Cylindrical Metal Obstacles on the Propagation of Bloch Waves in a Shielded Circular "Mushroom" Structure	Proc. of 8th European Conference on Antennas and Propagation, EUCAP, The Hague, the Netherlands, 6-11 April, pp.1110-1113, 2014, ISBN:978-88-907018-4-9 ISSN: 2164-3342	000361548800247	0.25	N1	8.125
13	Ioan Luminosu, Aldo De Sabata	Economic Assessment of Some Solar Installations Developed at the Politehnica University of Timisoara, Romania	9th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 15-17, 2014, Timisoara, Romania, pp. 281-284, 2014, ISBN:978-1-4799-4694-5	000343400600048	0.25		16.25
14	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter, Roberto D. Graglia	EBG Modification in a Parallel Plate 2D Periodic Structure by Metal Inclusions	ICEAA 14, International Conference on Electromagnetics in Advanced Applications, 2014 International Conference on Electromagnetics in Advanced Applications (ICEAA), ICEAA '14, 16th Edition, Palm Beach, Aruba August 3-8, pp. 822-825 2014, ISBN:978-1-4673-5710-4	000352954100147	0.25		8.125
15	Aldo De Sabata, Ladislau Matekovits	Application of a 2D Electromagnetic Band-Gap Structure with Metal Inclusions to Signal Integrity	11th International Symposium on Electronics and Telecommunications, Timisoara, November 14-15, pp. 51-54, 2014 ISBN:978-1-4799-7267-8	000366633300012	0.25		16.25
16	Aldo De Sabata, Ioan Luminosu, Dan Mărgineanu, Simona Ilie, Dejan Jovanović, Dejan Krstić	Economics of a Small-Scale, Grid-Connected PV System in Western Romania: an LCoE Analysis	11th International Symposium on Electronics and Telecommunications, Timisoara, November 14-15, pp. 13-16, 2014, ISBN:978-1-4799-7267-8	000366633300003	0.25		5.4167

17	S.I. Stratul, C. Sinescu, M. Negrutiu, A. De Sabata, M. Rominu, A. Ogodescu, D. Rusu	On the reliability of the holographic method for measurement of soft tissue modifications during periodontal therapy	" , Fifth International Conference on Lasers in Medicine: Biotechnologies Integrated In Daily Medicine, Book Series: Proceedings of SPIE Volume: 8925, Article Number: 892501, DOI: 10.1117/12.2045851, 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Timisoara, Romania, Sep 19-21, 2013, ISBN:978-0-8194-9817-5, ISSN: 0277-786X	000333186500018	0.25			4.6429
18	Ioan Luminosu, Aldo De Sabata	Feasibility of a Solar Swimming Pool in the Western Part of Romania	8th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 23-25, 2013, Timisoara, Romania, pp. 375-380, 2013 ISBN:978-1-4673-6400-3; 978-1-4673-6397-6.	000333188100067	0.25			16.25
19	Aldo De Sabata, Alimpie Ignea	Passive Intermodulation Distortions induced by Ferromagnetic Materials at GSM Frequencies	Proc. of. International Symposium on Signals, Circuits and Systems, 11 - 12 July, 2013, Iasi, Romania (ISSCS 2013), pp. 132-136 (CD-ROM), 2013. ISBN 978-1-4799-3193-4, ISBN:978-1-4673-6141-5	000337926700033	0.25			16.25
20	Ladislau Matekovits, Aldo De Sabata	Patterned Surface with Added Corrugations in View of Displacing EBGs to Lower Frequencies	2013 IEEE International Symposium on Antennas and Propagation and USNC-URSI national Radio Science Meeting, July 7-13, 2013, Orlando, Florida, pp. 81-82, 2013. ISBN 9781467353168, ISBN:978-1-4673-5317-5 ISSN: 1522-3965	000332766800041	0.25	N1		16.25
21	Aldo De Sabata, Ladislau Matekovits	Reduced complexity biasing solution for switched parallel-plate waveguide with embedded active metamaterial layer	Journal of Electromagnetic Waves and Applications (JEMWA), vol. 26, no. 14/15, pp. 1828-1836, 2012, ISSN 0920-5071, DOI:10.1080/09205071.2012.716148	000309127700003	0.772	Q3		24.08
22	Aldo De Sabata, Ladislau Matekovits	Electromagnetic Band-Gap Solution for Mitigation of Parallel-Plate Noise in Power Distribution Networks	Microwave and Optical Technology Letters, vol. 54, no. 7, pp. 1689-1692, 2012, ISSN: 0895-2477	000302801800039	0.545	Q4		20.675
23	Aldo De Sabata, Ladislau Matekovits	Unit cell geometry in stripline technology featuring sequential band-gaps between every two consecutive modes	IEEE Antennas and Wireles Propagation Letters, vol. 11, pp. 97-100, 2012, ISSN 1536-1225, DOI: 10.1109/LAWP.2012.2183848	000304201500026	1.751	Q2		38.765
24	Ladislau Matekovits, Aldo De Sabata	Parametric assessment of properties of a periodically patterned surface with non-uniform rectangular spiral metallization in the unit cell	IEEE International Symp. on Antennas and Propag. and USNC-URSI National Radio Science Meeting, APS-URSI 2012, July 8-14, Spokane, Ill., 2012, ISSN: 1522-3965, ISBN: 978-1-4673-0462-7	000312442301209	0.25	N1		16.25

25	Marius Manole, Cosmin Sinescu, Ciprian Dughir, Aldo De Sabata, Meda-Lavinia Negruțiu, Cristina Bratu, Lavinia Ardelean, Laura-Cristina Rusu, Ștefan Stratul, Mihai Romînu, Diana Duda	Holographic methods for the evaluation of gingival margins retraction	Revista de Chimie, vol. 63, no. 6, pp. 626-628, June 2012, ISSN 0034-7752	000305657300016	0.956	Q3	4.88
26	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter, Ulrich L. Rohde, Alexandru M. Silaghi	Metamaterial based high impedance surface with band-pass frequency response"	Materials Science Forum, vol. 721, p. 59-64, 2012, doi:10.4028/www.scientific.net/MSF.721.59, ISSN: 1662-9752 DOI: 10.4028/www.scientific.net/MSF.721.59, ISSN: 0255-5476	000309323300010	0.25		6.5
27	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata, Traian Iurca	Solar collectors from recyclable materials	Journal of Environmental Protection and Ecology, vol. 13, no. 1, pp. 300-306, 2012, ISSN 1311-5065	000302843500038	0.734		11.755
28	Aldo De Sabata, Ladislau Matekovits	Application of a Planar EBG Structure to Parallel-Plate Noise Suppression in High Speed Circuits	Proc. of International Symposium on Electronics and Telecommunications ISETC 2012, Tenth Edition, Timișoara, Nov. 15-16, pp. 389-392, 2012. ISBN 978-1-4673-1176-2	000318702700092	0.25		16.25
29	Dumitru Toader, Ioan Luminosu, Aldo De Sabata, Dan Mihai Negrea	Educational PV System at the Politehnica University of Timișoara	Proc. of International Symposium on Electronics and Telecommunications ISETC 2012, Tenth Edition, Timișoara, pp. 57-60, Nov. 15-16, 2012	000318702700013	0.25		8.125
30	Ladislau Matekovits, Aldo De Sabata, Karu P. Esselle	Effects of a coplanar waveguide biasing network built into the ground plane on the dispersion characteristics of a tunable unit cell with an elliptical patch and multiple vias	IEEE Antennas and Wireles Propagation Letters, vol. 10, pp. 1088-1091, 2011, ISSN 1536-1225, ISBN 978490233921 5, DOI: 10.1109/LAWP.2011.2170653	000296010700003	1.751	Q2	25.8433
31	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter	Variation of characteristics of a microwave photonic band gap structure versus the dielectric constant in inhomogeneous parallel plate waveguide	2011 IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting, Spokane, Washington, APSURSI, USA, July 3-8, pp. 1836-1839, DOI: 10.1109/APS.2011.5996854, ISBN: 978-1-4244-9561-0, ISSN: 1522-3965 2011, http://www.apsursi2011.org/	000297298502012	0.25	N1	10.8333
32	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter	Electronically switched multiband high-impedance surface with circular and annular patches	International Symposium on Signals, Circuits and Systems, ISSCS 2011, June 30-July 1, Iași, Romania, DOI: 10.1109/ISSCS.2011.5978759, ISSN: 978-1-61284-943-0/11/\$26.00, pp. 1-4, 2011, http://scs.etc.tuiasi.ro/isscs2011, ISBN:978-1-4577-0201-3	000337925400115	0.25		10.833
33	Ladislau Matekovits, Aldo De Sabata	Analysis of the gap bandwidth of some high impedance surfaces in the microwave range	Materials Science Forum, vol. 670, pp. 497-503, DOI: 10.4028/www.scientific.net/MSF.670.497, ISSN: 1662-9752, 2011, ISSN: 0255-5476.	000296800600060	0.25		16.25

34	Coleta De Sabata, Florica Barvinschi, Aldo De Sabata, Ioan Luminosu, Traian Jurca	Ecological waste water cleaning of swine farms using solar energy	Journal of Environmental Protection and Ecology, vol. 12, no. 3A, pp. 1510-1516, 2011, ISSN 1311-5065	000208898800034	0.734	Q4	9.404
35	Ioan Luminosu, Coleta de Sabata, Aldo De Sabata	Solar Energy Based Industrial Applications at the "Politehnica" University of Timișoara	Thermal Science, vol. 15, no. 3, pp. 587-598, 2011, DOI: 10.2298/TSCI100127026L ISSN 0354-9836	000296676400002	0.939	Q3	17.7233
36	Traian Jurca, Eugenia Tulcan-Paulescu, Ciprian Dughir, Mihaela Lascu, Paul Gavrilă, Aldo De Sabata, Ioan Luminosu, Coleta De Sabata, Marius Paulescu	Global solar irradiation modeling and Measurements in Timișoara	Physics Conference TIM-10, 3 Oct. 2011, AIP Conf. Proc 1387, pp. 253-258, 2011, DOI: 10.1063/1.3647083, 978-0-7354-0951-4, http://link.aip.org/link/?APCPCS/1387/253/1	000301176200037	0.25		3.6111
37	Ladislau Matekovits, Aldo De Sabata, Mario Orefice	Parametric study of a unit cell with elliptical patch for periodic structures with variable number of grounding vias	Proc. of the Fourth European Conf. on Antennas and Propagation, EUCAP, Barcelona, April 12-16, Spain, pp. 1-3, 2010, ISBN: 978-847653472-4, http://www.eucap2010.org/ ISBN: 978-84-7653-472-4	000296541703103	0.25	N1	10.8333
38	Aldo De Sabata, Ladislau Matekovits	Design charts for grounded, elliptically shaped microstrip periodic structures featuring electromagnetic band-gap	8th International Conference on Communications (COMM), București, Romania, June 10-12, pp. 239-242, 2010. ISBN 978-1-4244-6362-6, DOI: 10.1109/ICCOMM.2010.5509010, ISBN:978-1-4244-6363-3, http://comm2010.ncit.pub.ro/	000299870700056	0.25		16.25
39	Aldo De Sabata, Ladislau Matekovits	Numerical exploration of filtering properties of some switched high impedance surfaces	9th International Symposium on Electronics and Telecommunications ISETC, Timișoara, Romania, Nov. 11-12, pp. 73-76, 2010, ISBN 978-1-4244-8458-4, DOI 10.1109/ISETC2010.5679246, ISBN:978-1-4244-8458-4, http://www.etc.upt.ro/other/isetc2010/home.php	000296356700013	0.25		16.25
40	Ioan Luminosu, Coleta De Sabata, Aldo De Sabata	Research in Solar Energy at the "Politehnica" University of Timișoara	Thermal Science, vol. 14, no. 1, Jan. 2010, pp. 157-169, DOI: 10.2298/TSCI10011571, ISSN 0354-9836	000277189000016	0.939	Q3	17.7233
41	Cosmin Sinescu, Meda Negruțiu, Dana Pop, Lavinia Cuc, Aldo De Sabata, Radu Negru, Mihai Hluscu, Mihai Romînu, Corina Marcauteanu, Eniko Demjan, Adrian Bradu, Iulian Antoniac, George Dobre, Adrian Podoleanu	The importance of holograms in dentistry	Conference on Holography - Advances and Modern Trends, Prague, Czech Republic, Apr 21-23, 2009, in Holography: Advances and Modern Trends, Book Series: Proceedings of SPIE, Vol. 7358, Article Number: 73580J, DOI: 10.1117/12.821545, Published: 2009, ISBN:978-0-8194-7632-6 ISSN: 0277-786X	000300009800015	0.25		2.3214
42	Liviu Toma, Aldo De Sabata, Robert Pazsitka	Iterative procedure for real single-tone frequency estimation	Revue Roumaine de Sciences Techniques, Electrotechnique et Energetique, 54, 3, pp. 253-260, 2009, ISSN 0035-4066	000269812800003	0.524		13.5733

43	Aldo De Sabata, Liviu Toma	Analysis of an Algorithm for Real Tone Frequency Estimation	Proc. of the Int. Symp. on Signals, Circuits and Systems ISSCS 2009, July 9-10 2009, vol. 1, pp. 113-116, ISBN 978-1-4244-3784-9	000275854200028	0.25		16.25
44	Aldo De Sabata, Liviu Toma	Application of Bandpass Filtering in Real Tone Frequency Estimation	5th International Symposium on Applied Computational Intelligence and Informatics May 28-29, 2009 – Timișoara, Romania, pp. 429-433, ISBN: 978-1-4244-4478-6	000273929400078	0.25		16.25
45	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata	Thermally Autonomous Residence in the Western Part of Romania	5th International Symposium on Applied Computational Intelligence and Informatics (SACI), May 28-29, 2009 – Timișoara, Romania, pp. 229-234, DOI: 10.1109/SACI.2009.5136247, ISBN: 978-1-4244-4478-6	000273929400041	0.25		10.8333
46	Liviu Toma, Aldo De Sabata, Gabriel Vaslu	Two-step procedure decreases variance in tone frequency estimation	Revue Roumaine de Sciences Techniques, Électrotechnique et Énergetique, 52, 4, pp. 463-474, 2007, ISSN 0035-4066	000255784100008	0.524		13.5733
47	Aldo De Sabata, Liviu Toma, Septimiu Mischie	Two-step Pisarenko harmonic decomposition for single tone frequency estimation	7th WSEAS/IASME Int. Conf. on Power Systems, High Voltages, Electric Machines, Venice, Italy, Nov. 21-23, pp. 243-246, 2007, ISBN: 978-960-6766-13-8, ISSN: 1790-5117	000254097600042	0.25		10.8333
48	Aldo De Sabata	Extension of a finite version of the sampling theorem	IEEE Transactions on Circuits and Systems II, vol. 41, no. 12, pp. 821-823, Dec. 1994, ISSN1 1549-7747, ISSN21057-7130, ISSN3 1559-3791 (ARC), DOI: 10.1109/82.338625IRS=2.08831, ISSN: 1549-7747, eISSN: 1558-3791	A1994PZ77900006	0.374	Q2	36.22
				TOTAL A2.1	19.752		631.5143

A2.2	Articole BDI	Titlu	Publicatie	BDI	Punctaj
1	A.M. Silaghi, A. De Sabata, F. Alexa, A. Buta, S. Baderca	Measurement of radiated immunity in the automotive industry: Key concepts	Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781048	IEEEExplore	4
2	A.M. Silaghi, E. Tolan, A. De Sabata, A. Buta	Measurement of radiated emissions from an automotive cluster	Measurement of radiated emissions from an automotive cluster", Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781047	IEEEExplore	5
3	A. De Sabata, C. Ballint	Structure of signal received by passive ionospheric sounding in the HF band at the location of Timișoara, Romania	Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781056	IEEEExplore	10
4	A.M. Silaghi, A. De Sabata, M.A. Silaghi	Testing immunity to portable transmitters with helical antennas: Key concepts	Design and Technology in Electronic Packaging (SIITME), 2016 IEEE 22nd International Symposium for, 0-23 Oct. 2016, DOI: 10.1109/SIITME.2016.7777293	IEEEExplore	6.66

5	L. Matekovits, A.M. Silaghi, A. De Sabata, M.S. Baderca, O. Lipan, P.A. Buta	Effect of geometry modulation on the full dispersion diagram of a 2D periodic structure built in stripline technology	Antennas and Propagation (APSURSI), 2016 IEEE International Symposium on, 26 June-1 July 2016; DOI: 10.1109/APS.2016.7696687, Electronic ISSN: 1947-1491	IEEEXplore		3.34
6	Ioan Luminos, Aldo De Sabata	Economic Assessment of Some Solar Installations Developed at the Politehnica University of Timisoara, Romania	9th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 15-17, 2014, Timisoara, Romania, pp. 281-284, 2015.	IEEEXplore		10
7	Ladislau Matekovits, Aldo De Sabata	Some design parameters for high Q filters built in metamaterial technology	Proc. of the 6th European Conference on Antennas and Propagation, EUCAP 2012, Prague, Czech Republic, March 26-30, pp. 2868-2871, 2012. ISBN 9781457709180	IEEEXplore		10
8	Ladislau Matekovits, Aldo De Sabata	Highly selective multiband metamaterial bandpass filter	IEEE International Workshop on Antenna Technology, IWAT 2012, March 5-7, Tucson Arizona, pp. 40-43, 2012. ISBN 9781467300377	IEEEXplore		10
9	Aldo De Sabata, Ladislau Matekovits	On scaling properties of the dispersion diagram of a multi-scale printed surface embedded in a parallel-plate waveguide	IEEE 7th International Symp. on Appl. Computational Intelligence and Informatics, SACI 2012, May 24-26, Timisoara, pp. 411-414, 2012. ISBN 9781467310130	IEEEXplore		10
10	Aldo De Sabata, Ladislau Matekovits, Marius Silaghi, Ulrich L. Rhode	Investigation on the scaling properties of a novel electromagnetic band-gap structure for application to parallel-plate noise suppression	EMC Europe, Roma 2012, Sept. 17-21, pp. 1-4, 2012. ISBN 9781467307185	IEEEXplore		5
11	Aldo De Sabata, Ladislau Matekovits, Helga Maria Silaghi, Ulrich L. Rohde, Alexandru Marius Silaghi	Multi-band Filter built with a periodically patterned strip-line	Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, Vol. 23, No.1, ISSN 2304-1382 ISBN 978-3-901509-91-9, Zadar, Croatia, Oct. 24-27, p. 0341-0344, 2012.	Scopus		4
12	Ladislau Matekovits, Aldo De Sabata	Photonic band-gap with electronically reconfigurable geometry	EUROCON - International Conference on Computer as a Tool, Lisabona, April 11-14, pp. 1-4, ISBN: 978-142447486-8, DOI: 10.1109/EUROCON.2011.5929163, www.eurocon2011.it.pt, 2011	IEEEXplore		10
13	Aldo De Sabata, Ladislau Matekovits	Characteristics of a switchable metamaterial based parallel plate waveguide derived by electromagnetic simulation	6th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI), May 28-29, Timisoara, Romania, DOI: 10.1109/SACI.2011.5872990, ISSN, pp. 151-154, ISBN 9781424491087 http://www.ac.upt.ro/saci2009/index.RO.html , 2011	IEEEXplore		10

14	Ladislau Matekovits, Aldo De Sabata	Novel multiband wideband filter relying on metamaterial technology	Final Program and Book of Abstracts - IWAT 2011: 2011 IEEE International Workshop on Antenna Technology: Small Antennas, Novel Structures and Innovative Metamaterials, Article number 5752369, pp. 372-375, DOI: 10.1109/IWAT.2011.5752369 ISSN http://www.iwat2011.hk/index.php, 2011	IEEEExplore	10
15	Aldo De Sabata, Ladislau Matekovits, Ulrich L. Rhode, Marius A. Silaghi	Multiband passive filter built with metamaterial in a parallel plate waveguide	Journal of Electrical and Electronics Engineering, vol. 4, no. 1, pp. 49-52, May, 2011, DOI ISSN 1844-6035	Scopus	5
16	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter	Influence of magnetic permeability on dispersion diagrams of a parallel-plate waveguide built with metamaterials	Proc. of Asia-Pacific Microwaves Conference, Melbourne, Australia, 5-8 December, 2011, pp. 1746-1749, 2011, ISBN: 978-0-85825-974-4	IEEEExplore	6.66
17	Aldo De Sabata, Ladislau Matekovits, Ulrich L. Rhode, Marius A. Silaghi	Metamaterial based microwave band-pass filter	Annals of DAAAM for 2011 & Proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation: Power of Knowledge and Creativity", 23-26th November, 2011, pp. 1267-1268, ISBN 978-3-901509-83-4, ISSN 1726-9679, Ed. Branko Katalinic, Vienna, Austria, 2011	Scopus	5
18	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata, Marius Silaghi	Impact of Using Tracking Surfaces on Necessary Solar Radiation Collecting Area in Stock Raising Applications	Journal of Electrical and Electronics Engineering, vol. 4, no. 2, pp.61-64, 2011, ISSN 1844-6035	Scopus	5
19	Ladislau Matekovits, Aldo De Sabata, Karu P. Esselle	Effects of the Biasing Network in a Parallel Plate Waveguide Periodic Unit Cell Featuring Switched Electromagnetic Band Gap	Proceedings of Asia-Pacific Microwave Conference 2010, Yokohama, Japan, Dec. 7-10, pp. 1122-1125, ISBN 9784902339215, http://www.apmc2010.org/	IEEEExplore	6.66
20	Alimpie Ignea, Aldo De Sabata	Hysteresis Distortions for Two-Tone Signals	Proc. of 15th IMEKO Symposium on Novelities in Electrical Measurements and Instrumentation, Iași, România, sept. 2007, pp. 61-63, ISBN 978-973-667-260-6, 978-973-667-261-3	Scopus	10
21	Bernhard Rothenstein, Aldo De Sabata	Frequency shifts for accelerated sources and observers: an illustration of non-locality in frequency measurement	Eur. J. Phys., 19 (6), 569-574, 1998, 0143-0807, DOI: 10.1088/0143-0807/19/6/010	Scopus	10
22	Bernhard Rothenstein, Aldo De Sabata	An uncommon way to Special relativity	Eur. J. Phys., 18 (4), pp. 263-266, 1997, 0143-0807, DOI: 10.1088/0143-0807/18/4/003	Scopus	10
				Total A2.2	166.32

A2.4.1.2	Granturi director / Responsabil partener								
1	Noi metode de esantionare adaptiva cu aplicatii in analiza spectrala Grant	Orizont 2000, CNCIS, ANSTI, tip A, No.6153/2001, cod 831/2000,	Director	3 ani (2000-2002)	30				
2	Retea de senzori SDR in gama HF pentru suport informational in situatii de urgenta pe teritoriul Romaniei	PN II: PARTENERIATE IN DOMENII PRIORITYRE - DOMENIU DE CERCETARE: 8 - Spațiu și Securitate DIRECTIA DE CERCETARE: 8.5 - Sisteme și infrastructura de securitate, UEFISCDI PCCA 292/2014	Responsabil partener	4 ani (2014-2017)	40				
			Total A2.4.1.2		70				
A2.4.2.2	Granturi nationale membru								
1	Cercetari privind elaborarea si promovarea solutiilor de arhitectura solara pentru sisteme PV integrate in cladiri.	parteneriate in domeniile prioritare, Nr 3/2.1039/2007		4	8			Nr. ani desf.	Punctaj
2	Platforma pentru studiul fenomenelor concurente : fizice energetice,electrotermice,electronice si chimice care au loc in procesul de conversie termosolara si in efectul fotovoltaic. Automatizarea functionarii si exploatarea instalatiilor heliolehnice bazate pe conversia termosolara si fotovoltaica.	Platforma CNCIS 38/2006		4	8				
3	Tehnici moderne de prelucrare și transmitere a hipermedia e semnalelor biomedicale,	58GR/19.05.2006 COD CNCIS 369/2006 TEMA 19		2	4				
4	Supravegherea electromagnetica la Spitalul Clinic Judetean Nr. 1 Timisoara,	CNCIS 32940/22.06.2004		3	6				

5	Calibrarea antenelor prin metoda autoreciprociității.	ANSTI Orizont 2000, Grant No. 6153/2001, tema B1, ANSTI cod C	3	6
6	Sistem de monitorizare a calității tesutului osos, studiul vindecării fracturilor și a interfeței țesut-implant utilizând vibrațiile.	Grant No. 36681/2001, tema 32, CNCSIS cod 64	1	2
7	Cercetări privind senzori: magnetooptici, electrooptici, piezoelectricsi, optoelectronici și interfațarea lor cu tehnica de calcul, 3	5034, tema 3, CNCSIS cod 123/2000	3	6
8	Cercetări privind efecte magnetooptice, electrooptice și electroluminescente cu aplicații în construcția de senzori	CNCSIS 7004/26/380/1997	3	6
9	Utilizarea reprezentărilor timp-frecvență la analiza și prelucrarea semnalelor.	Acad. Rom. 3312/316/1997	1	2
10	Studiul reprezentărilor timp-frecvența și timp-factor de scală cu aplicații în prelucrarea semnalelor.	MCT 3019GR/1997	3	6
11	Studiul reprezentărilor timp-frecvență și timp-factor de scală ale semnalelor mono- și bi-dimensionale cu aplicații în elaborarea unor algoritmi de analiză multirezoluție	CNSCU 4004/1995 Tema 1B	1	2
12	Realizarea și testarea prototipului unui corp de iluminat sîradal cu LED-uri de mare putere și design brevetat la OHMI (UE)	cod PN-II-IN-CI-2012 -1-0135 - Programul Cecuri de inovare finanțat de către UEFISCDI (Unitatea Executivă de plată în învățământul superior pentru cercetare-dezvoltare-inovare) 72CI/29.06.2012	1	2
13	Realizarea și testarea în vederea certificării și producerii sale în serie a prototipului unei microcentrale termoelectrice solare cu lentile Fresnel și motor Stirling.	cod PN-II-IN-CI-2012 -1-0135 - Programul Cecuri de inovare finanțat de către UEFISCDI (Unitatea Executivă de plată în învățământul superior pentru cercetare-dezvoltare-inovare) 80CI/29.06.2012	1	2
Total A2.4.2.2				60

Sinteza A2	
A2.1	631.51
A2.2	166.32

A2.4.1.2	70.00
A2.4.2.2	60.00
Total	927.83

A2

A2.1. Articole ISI	Autori	Titlu	Publicatia	WOS	IF	Q; N(Julkaisu)	Punctaj
1	A. De Sabata, L. Matekovits, A. Silaghi, I. Peter	Anisotropic dielectric devised by metamaterials-related technique	2016 International Conference on Communications (COMM 2016), Book Series: International Conference on Communications (ICC), Pages: 133-136 IEEE 11th International Conference on Communications (COMM), Bucharest, Romania, Jun 09-11, 2016 ISBN:978-1-4673-8197-0	000383221900029	0.25		8.125
2	C. Dughir, A.M. Popovschi, A.C. Cojocariu, F.I. Topală, M.L. Negruțiu, C. Sinescu, A. De Sabata, V.F. Duma	Complete denture base assessment using holograms: dimensional alterations after different activation methods	High-End Medicine Based on Laser and Biotechnologies, Book Series: Proceedings of SPIE, Volume: 9670, Article Number: 967013, 5th Congress of the World-Federation-for-Laser-Dentistry / 6th International Conference on Lasers in Medicine, Bucharest, Romania, May 07-09, 2015, DOI: 10.1117/12.2191886 ISBN:978-1-62841-893-4, ISSN: 0277-786X	000376269100039	0.25		4.0625
3	Ladislau Matekovits, Aldo De Sabata	Signal Integrity Applications of an EBG Surface	Advances in Electrical and Computer Engineering, vol. 15, no. 2, pp. 3-8, 2015, DOI: 10.4316/AECE.2015.0200, ISSN: 1582-7445, eISSN: 1844-7600	000356808900001	0.459	Q4	19.385
4	Aldo De Sabata, Ladislau Matekovits, Andrei Silaghi	Metamaterial Based Screening Box Working from DC up to the GHz Range	Int. Symp. on Signals, Circuits & Systems, July 9-10 2015, Iasi, Romania, pp. 1-4 (USB Stick), 2015, ISBN:978-1-4673-7488-0	000380451600059	0.25		10.833
5	Ladislau Matekovits, Aldo De Sabata, Ovidiu Lipan	Band Splitting in 2D EBG Structure by Geometry Modulation	IEEE Int. Symp. on Antennas and Propag., 19-24 July, 2015, APSURSI, Vancouver, BC, Canada, pp. 1950-1951, 2015, ISBN:978-1-4799-7815-1, ISSN: 1522-3965	000371401401345	0.25	N1	10.833
6	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter, Joseph Füzi	On the EBGs of Shielded 2D Periodic Structures with Metal Inclusions in the Dielectric Layer	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1576-1679, 2015, ISBN:978-1-4799-7806-9	000378428800312	0.25		8.125
7	Aldo De Sabata, Ladislau Matekovits, Ovidiu Lipan	Enrichment of EBG Contents of Periodic Structures by Geometry Modulation	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1613-1616, 2015, ISBN:978-1-4799-7806-9	000378428800320	0.25		10.833
8	Aldo De Sabata, Ladislau Matekovits, Andrei Silaghi, Ulrich L. Rhode, Marius A. Silaghi	2D Periodic Structure Featuring Negative Group Velocity of Bloch Waves	International Conference on Electromagnetics in Advanced Applications (ICEAA), 7-9 September, 2015, Turin, Italy, pp. 1617-1620, 2015, ISBN:978-1-4799-7806-9	000378428800321	0.25		6.5

9	Abdul Aziz, Ladislau Matekovits, Aldo De Sabata	A Simple and Robust Technique to Retrieve Effective Refractive Index of Heterogeneous Dielectrics for Millimeter-Wave Applications	CEM '15, Computational Electromagnetics International Workshop, 1-4 July 2015, Izmir, Turkey, pp. 20-21, 2015, ISBN:978-1-4673-7197-1	000380400600009	0.25			10.833
10	C. Sinescu, M.L. Negruțiu, M. Manole, A. De Sabata, L.C. Rusu, S. Stratul, D. Ducea, C. Dughir, V.F. Duma	Retraction of the gingival margins evaluated by holographic methods	Holography: Advances and Modern Trends IV, Book Series: Proceedings of SPIE, Volume: 9508, Article Number: 95080V, Conference on Holography - Advances and Modern Trends IV, Prague, Czech Republic, Apr 15-16, 2015, DOI: 10.1117/12.2179010, ISBN:978-1-62841-629-9, ISSN: 0277-786X	000357642900028	0.25			3.611
11	I. Luminosu, A. De Sabata, D. Mărgineanu, V. Ciupe	Solar thermal systems developed in the western part of Romania: an LCoE analysis	2015 IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI), Pages: 177-180, Published: 2015, 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, Romania, May 21-23, 2015, ISBN:978-1-4799-9911-8	000380397800034	0.25			8.125
12	Aldo De Sabata, Ladislau Matekovits, Yogesh Ranga, Mario Orefice	Effect of Cylindrical Metal Obstacles on the Propagation of Bloch Waves in a Shielded Circular "Mushroom" Structure	Proc. of 8th European Conference on Antennas and Propagation, EUCAP, The Hague, the Netherlands, 6-11 April, pp.1110-1113, 2014, ISBN:978-88-907018-4-9 ISSN: 2164-3342	000361548800247	0.25	N1		8.125
13	Ioan Luminosu, Aldo De Sabata	Economic Assessment of Some Solar Installations Developed at the Politehnica University of Timisoara, Romania	9th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 15-17, 2014, Timisoara, Romania, pp. 281-284, 2014, ISBN:978-1-4799-4694-5	000343400600048	0.25			16.25
14	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter, Roberto D. Graglia	EBG Modification in a Parallel Plate 2D Periodic Structure by Metal Inclusions	ICEAA 14, International Conference on Electromagnetics in Advanced Applications, 2014 International Conference on Electromagnetics in Advanced Applications (ICEAA), ICEAA '14, 16th Edition, Palm Beach, Aruba August 3-8, pp. 822-825 2014, ISBN:978-1-4673-5710-4	000352954100147	0.25			8.125
15	Aldo De Sabata, Ladislau Matekovits	Application of a 2D Electromagnetic Band-Gap Structure with Metal Inclusions to Signal Integrity	11th International Symposium on Electronics and Telecommunications, Timisoara, November 14-15, pp. 51-54, 2014 ISBN: 978-1-4799-7267-8	000366633300012	0.25			16.25
16	Aldo De Sabata, Ioan Luminosu, Dan Mărgineanu, Simona Ilie, Dejan Jovanović, Dejan Krstić	Economics of a Small-Scale, Grid-Connected PV System in Western Romania: an LCoE Analysis	11th International Symposium on Electronics and Telecommunications, Timisoara, November 14-15, pp. 13-16, 2014, ISBN:978-1-4799-7267-8	000366633300003	0.25			5.4167

17	S.I. Stratul, C. Sinescu, M. Negrutiu, A. De Sabata, M. Rominu, A. Ogodescu, D. Rusu	On the reliability of the holographic method for measurement of soft tissue modifications during periodontal therapy	"", Fifth International Conference on Lasers in Medicine: Biotechnologies Integrated In Daily Medicine, Book Series: Proceedings of SPIE Volume: 8925, Article Number: 89250I, DOI: 10.1117/12.2045851, 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Timisoara, Romania, Sep 19-21, 2013, ISBN:978-0-8194-9817-5, ISSN: 0277-786X	000333186500018	0.25		4.6429
18	Ioan Luminosu, Aldo De Sabata	Feasibility of a Solar Swimming Pool in the Western Part of Romania	8th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 23-25, 2013, Timisoara, Romania, pp. 375-380, 2013 ISBN:978-1-4673-6400-3; 978-1-4673-6397-6.	000333188100067	0.25		16.25
19	Aldo De Sabata, Alimpie Ignea	Passive Intermodulation Distortions Induced by ferromagnetic Materials at GSM Frequencies	Proc. of. International Symposium on Signals, Circuits and Systems, 11 - 12 July, 2013, Iasi, Romania (ISSCS 2013), pp. 132-136 (CD-ROM), 2013. ISBN 978-1-4799-3193-4, ISBN:978-1-4673-6141-5	000337926700033	0.25		16.25
20	Ladislau Matekovits, Aldo De Sabata	Patterned Surface with Added Corrugations in View of Displacing EBGs to Lower Frequencies	2013 IEEE International Symposium on Antennas and Propagation and USNC-URSI national Radio Science Meeting, July 7-13, 2013, Orlando, Florida, pp. 81-82, 2013. ISBN 9781467353168, ISBN:978-1-4673-5317-5 ISSN: 1522-3965	000332766800041	0.25	N1	16.25
21	Aldo De Sabata, Ladislau Matekovits	Reduced complexity biasing solution for switched parallel-plate waveguide with embedded active metamaterial layer	Journal of Electromagnetic Waves and Applications (JEMWA), vol. 26, no. 14/15, pp. 1828-1836, 2012, ISSN 0920-5071, DOI:10.1080/09205071.2012.716148	000309127700003	0.772	Q3	24.08
22	Aldo De Sabata, Ladislau Matekovits	Electromagnetic Band-Gap Solution for Mitigation of Parallel-Plate Noise in Power Distribution Networks	Microwave and Optical Technology Letters, vol. 54, no. 7, pp. 1689-1692, 2012, ISSN: 0895-2477	000302801800039	0.545	Q4	20.675
23	Aldo De Sabata, Ladislau Matekovits	Unit cell geometry in stripline technology featuring sequential band-gaps between every two consecutive modes	IEEE Antennas and Wireles Propagation Letters, vol. 11, pp. 97-100, 2012, ISSN 1536-1225, DOI: 10.1109/LAWP.2012.2183848	000304201500026	1.751	Q2	38.765
24	Ladislau Matekovits, Aldo De Sabata	Parametric assessment of properties of a periodically patterned surface with non-uniform rectangular spiral metallization in the unit cell	IEEE International Symp. on Antennas and Propag.and USNC-URSI National Radio Science Meeting, APS-URSI 2012, July 8-14, Spokane, Ill., 2012, ISSN: 1522-3965, ISBN: 978-1-4673-0462-7	000312442301209	0.25	N1	16.25

25	Marius Manole, Cosmin Sinescu, Ciprian Dughir, Aldo De Sabata, Meda-Lavinia Negruțu, Cristina Bratu, Lavinia Ardelean, Laura-Cristina Rusu, Ștefan Stratul, Mihai Romînu, Diana Dudea	Holographic methods for the evaluation of gingival margins retraction	Revista de Chimie, vol. 63, no. 6, pp. 626-628, June 2012, ISSN 0034-7752	000305657300016	0.956	Q3	4.88
26	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter, Ujrich L. Rohde, Alexandru M. Silaghi	Metamaterial based high impedance surface with band-pass frequency response"	Materials Science Forum, vol. 721, p. 59-64, 2012, doi:10.4028/www.scientific.net/MSF.721.59, ISSN: 1662-9752 DOI: 10.4028/www.scientific.net/MSF.721.59, ISSN: 0255-5476	000309323300010	0.25		6.5
27	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata, Traian Jurca	Solar collectors from recyclable materials	Journal of Environmental Protection and Ecology, vol. 13, no. 1, pp. 300-306, 2012, ISSN 1311-5065	000302843500038	0.734		11.755
28	Aldo De Sabata, Ladislau Matekovits	Application of a Planar EBG Structure to Parallel-Plate Noise Suppression in High Speed Circuits	Proc. of International Symposium on Electronics and Telecommunications ISETC 2012, Tenth Edition, Timișoara, Nov. 15-16, pp. 389-392, 2012. ISBN 978-1-4673-1176-2	000318702700092	0.25		16.25
29	Dumitru Toader, Ioan Luminosu, Aldo De Sabata, Dan Mihai Negrea	Educational PV System at the Politehnica University of Timișoara	Proc. of International Symposium on Electronics and Telecommunications ISETC 2012, Tenth Edition, Timișoara, pp. 57-60, Nov. 15-16, 2012	000318702700013	0.25		8.125
30	Ladislau Matekovits, Aldo De Sabata, Karu P. Esselle	Effects of a coplanar waveguide biasing network built into the ground plane on the dispersion characteristics of a tunable unit cell with an elliptical patch and multiple vias	IEEE Antennas and Wireles Propagation Letters, vol. 10, pp. 1088-1091, 2011, ISSN 1536-1225, ISBN 978490233921 5, DOI: 10.1109/LAWP.2011.2170653	000296010700003	1.751	Q2	25.8433
31	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter	Variation of characteristics of a microwave photonic band gap structure versus the dielectric constant in inhomogeneous parallel plate waveguide	2011 IEEE International Symposium on Antennas and Propagation and UNSC/URSI National Radio Science Meeting, Spokane, Washington, APSURSI, USA, July 3-8, pp. 1836-1839, DOI: 10.1109/APS.2011.5996854, ISBN: 978-1-4244-9561-0, ISSN: 1522-3965 2011, http://www.apsursi2011.org/	000297298502012	0.25	N1	10.8333
32	Aldo De Sabata, Ladislau Matekovits, Ildiko Peter	Electronically switched multiband high-impedance surface with circular and annular patches	International Symposium on Signals, Circuits and Systems, ISSCS 2011, June 30-July 1, Iași, Romania, DOI: 10.1109/ISSCS.2011.5978759, ISSN: 978-1-61284-943-0/11/\$26.00, pp. 1-4, 2011, http://scs.etc.tulasi.ro/isscs2011,, ISBN:978-1-4577-0201-3	000337925400115	0.25		10.833
33	Ladislau Matekovits, Aldo De Sabata	Analysis of the gap bandwidth of some high impedance surfaces in the microwave range	Materials Science Forum, vol. 670, pp. 497-503, DOI: 10.4028/www.scientific.net/MSF.670.497, ISSN: 1662-9752, 2011, ISSN: 0255-5476.	000296800600060	0.25		16.25

34	Coleta De Sabata, Floricica Barvinschi, Aldo De Sabata, Ioan Luminosu, Traian Jurca	Ecological waste water cleaning of swine farms using solar energy	Journal of Environmental Protection and Ecology, vol. 12, no. 3A, pp. 1510-1516, 2011, ISSN 1311-5065	000208898800034	0.734	Q4	9.404
35	Ioan Luminosu, Coleta de Sabata, Aldo De Sabata	Solar Energy Based Industrial Applications at the "Politehnica" University of Timișoara	Thermal Science, vol. 15, no. 3, pp. 587-598, 2011, DOI: 10.2298/TSCI1001270261, ISSN 0354-9836	0002966676400002	0.939	Q3	17.7233
36	Traian Jurca, Eugenia Tulcan-Paulescu, Ciprian Dughir, Mihaela Lascu, Paul Gavriță, Aldo De Sabata, Ioan Luminosu, Coleta De Sabata, Marius Paulescu	Global solar irradiation modeling and Measurements in Timișoara	Physics Conference TIM-10, 3 Oct. 2011, AIP Conf. Proc 1387, pp. 253-258, 2011, DOI: 10.1063/1.3647083, 978-0-7354-0951-4, http://link.aip.org/link/?APCPCS/1387/253/1	000301176200037	0.25		3.6111
37	Ladislau Matekovits, Aldo De Sabata, Mario Orefice	Parametric study of a unit cell with elliptical patch for periodic structures with variable number of grounding vias	Proc. of the Fourth European Conf. on Antennas and Propagation, EUCAP, Barcelona, April 12-16, Spain, pp. 1-3, 2010, ISBN: 978-847653472-4, http://www.eucap2010.org/ ISBN: 978-84-7653-472-4	0002966541703103	0.25	N1	10.8333
38	Aldo De Sabata, Ladislau Matekovits	Design charts for grounded, elliptically shaped microstrip periodic structures featuring electromagnetic band-gap	8th International Conference on Communications (COMM), București, Romania, June 10-12, pp. 239-242, 2010. ISBN 978-1-4244-6362-6, DOI: 10.1109/ICCOMM.2010.5509010, ISBN:978-1-4244-6363-3, http://comm2010.ncit.pub.ro/	000299870700056	0.25		16.25
39	Aldo De Sabata, Ladislau Matekovits	Numerical exploration of filtering properties of some switched high impedance surfaces	9th International Symposium on Electronics and Telecommunications ISETC, Timișoara, Romania, Nov. 11-12, pp. 73-76, 2010, ISBN 978-1-4244-8458-4, DOI 10.1109/ISETC2010.5679246, ISBN:978-1-4244-8458-4, http://www.etc.upt.ro/other/isetc2010/home.php	000296356700013	0.25		16.25
40	Ioan Luminosu, Coleta De Sabata, Aldo De Sabata	Research in Solar Energy at the "Politehnica" University of Timișoara	Thermal Science, vol. 14, no. 1, Jan. 2010, pp. 157-169, DOI: 10.2298/TSCI10011571, ISSN 0354-9836	000277189000016	0.939	Q3	17.7233
41	Cosmin Sinescu, Meda Negruti, Dana Pop, Lavinia Cuc, Aldo De Sabata, Radu Negru, Mihai Hlucsu, Mihai Rominu, Corina Marcauteanu, Eniko Demjan, Adrian Bradu, Iulian Antoniac, George Dobre, Adrian Podoleanu	The importance of holograms in dentistry	Conference on Holography - Advances and Modern Trends, Prague, Czech Republic, Apr 21-23, 2009, in Holography: Advances and Modern Trends, Book Series: Proceedings of SPIE, Vol. 7358, Article Number: 73580J, DOI: 10.1117/12.821545, Published: 2009, ISBN:978-0-8194-7632-6 ISSN: 0277-786X	000300009800015	0.25		2.3214
42	Liviu Toma, Aldo De Sabata, Robert Pazsitka	Iterative procedure for real single-tone frequency estimation	Revue Roumaine de Sciences Techniques, Electrotechnique et Energetique, 54, 3, pp. 253-260, 2009, ISSN 0035-4066	000269812800003	0.524		13.5733

43	Aldo De Sabata, Liviu Toma	Analysis of an Algorithm for Real Tone Frequency Estimation	Proc. of the Int. Symp. on Signals, Circuits and Systems ISSCS 2009, July 9-10 2009, vol. 1, pp. 113-116, ISBN 978-1-4244-3784-9	000275854200028	0.25		16.25
44	Aldo De Sabata, Liviu Toma	Application of Bandpass Filtering in Real Tone Frequency Estimation	5th International Symposium on Applied Computational Intelligence and Informatics May 28-29, 2009 – Timișoara, Romania, pp. 429-433, ISBN: 978-1-4244-4478-6	000273929400078	0.25		16.25
45	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata	Thermally Autonomous Residence in the Western Part of Romania	5th International Symposium on Applied Computational Intelligence and Informatics (SACI), May 28-29, 2009 – Timișoara, Romania, pp. 229-234, DOI: 10.1109/SACI.2009.5136247, ISBN: 978-1-4244-4478-6	000273929400041	0.25		10.8333
46	Liviu Toma, Aldo De Sabata, Gabriel Vasiu	Two-step procedure decreases variance in tone frequency estimation	Revue Roumaine de Sciences Techniques, Électrotechnique et Énergétique, 52, 4, pp. 463-474, 2007, ISSN 0035-4066	000255784100008	0.524		13.5733
47	Aldo De Sabata, Liviu Toma, Septimiu Mischie	Two-step Pisarenko harmonic decomposition for single tone frequency estimation	7th WSEAS/IASME Int. Conf. on Power Systems, High Voltages, Electric Machines, Venice, Italy, Nov. 21-23, pp. 243-246, 2007, ISBN:978-960-6766-13-8, ISSN: 1790-5117	000254097600042	0.25		10.8333
48	Aldo De Sabata	Extension of a finite version of the sampling theorem	IEEE Transactions on Circuits and Systems II, vol. 41, no. 12, pp. 821-823, Dec. 1994, ISSN1 1549-7747, ISSN21057-7130, ISSN3 1559-3791 (ARC), DOI: 10.1109/82.338625IRS=2,08831, ISSN: 1549-7747, eISSN: 1558-3791	A1994PZ77900006	0.374	Q2	36.22
			TOTAL A2.1		19.752		631.5143

A2.2 Articole BDI	Autori	Titlu	Publicatie	BDI		Punctaj
1	A.M. Silaghi, A. De Sabata, F. Alexa, A. Buta, S. Baderca	Measurement of radiated immunity in the automotive industry: Key concepts	Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781048	IEEEXplore		4
2	A.M. Silaghi, E. Tolan, A. De Sabata, A. Buta	Measurement of radiated emissions from an automotive cluster	Measurement of radiated emissions from an automotive cluster", Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781047	IEEEXplore		5
3	A. De Sabata, C. Balint	Structure of signal received by passive ionospheric sounding in the HF band at the location of Timișoara, Romania	Electronics and Telecommunications (ISETC), 2016 12th IEEE International Symposium on, 27-28 Oct. 2016, DOI: 10.1109/ISETC.2016.7781056	IEEEXplore		10
4	A.M. Silaghi, A. De Sabata, M.A. Silaghi	Testing immunity to portable transmitters with helical antennas: Key concepts	Design and Technology in Electronic Packaging (SIITME), 2016 IEEE 22nd International Symposium for, 0-23 Oct. 2016, DOI: 10.1109/SIITME.2016.7777293	IEEEXplore		6.66

5	L. Matekovits, A.M. Silaghi, A. De Sabata, M.S. Baderca, O. Lipan, P.A. Buta	Effect of geometry modulation on the full dispersion diagram of a 2D periodic structure built in stripline technology	Antennas and Propagation (APSURSI), 2016 IEEE International Symposium on, 26 June-1 July 2016, DOI: 10.1109/APS.2016.7696687, Electronic ISSN: 1947-1491	IEEEExplore		3-34
6	Ioan Luminosu, Aldo De Sabata	Economic Assessment of Some Solar Installations Developed at the Politehnica University of Timisoara, Romania	9th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 15-17, 2014, Timisoara, Romania, pp. 281-284, 2015.	IEEEExplore		10
7	Ladislau Matekovits, Aldo De Sabata	Some design parameters for high Q filters built in metamaterial technology	Proc. of the 6th European Conference on Antennas and Propagation, EUCAP 2012, Prague, Czech Republic, March 26-30, pp. 2868-2871, 2012. ISBN 9781457709180	IEEEExplore		10
8	Ladislau Matekovits, Aldo De Sabata	Highly selective multiband metamaterial bandpass filter	IEEE International Workshop on Antenna Technology, IWAT 2012, March 5-7, Tucson Arizona, pp. 40-43, 2012. ISBN 9781467300377	IEEEExplore		10
9	Aldo De Sabata, Ladislau Matekovits	On scaling properties of the dispersion diagram of a multi-scale printed surface embedded in a parallel-plate waveguide	IEEE 7th International Symp on Appl. Computational Intelligence and Informatics, SACI 2012, May 24-26, Timisoara, pp. 411-414, 2012. ISBN 9781467310130	IEEEExplore		10
10	Aldo De Sabata, Ladislau Matekovits, Marius Silaghi, Ulrich L. Rhode	Investigation on the scaling properties of a novel electromagnetic band-gap structure for application to parallel-plate noise suppression	EMC Europe, Roma 2012, Sept. 17-21, pp. 1-4, 2012. ISBN 9781467307185	IEEEExplore		5
11	Aldo De Sabata, Ladislau Matekovits, Helga Maria Silaghi, Ulrich L. Rhode, Alexandru Marius Silaghi	Multi-band Filter built with a periodically patterned strip-line	Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, Vol. 23, No.1, ISSN 2304-1382 ISBN 978-3-901509-91-9, Zadar, Croatia, Oct. 24-27, p. 0341-0344, 2012.	Scopus		4
12	Ladislau Matekovits, Aldo de Sabata	Photonic band-gap with electronically reconfigurable geometry	EUROCON - International Conference on Computer as a Tool, Lisabona, April 11-14, pp. 1-4, ISBN: 978-142447486-8, DOI: 10.1109/EUROCON.2011.5929163, www.eurocon2011.it.pt, 2011	IEEEExplore		10
13	Aldo De Sabata, Ladislau Matekovits	Characteristics of a switchable metamaterial based parallel plate waveguide derived by electromagnetic simulation	6th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI), May 28-29, Timisoara, Romania, DOI: 10.1109/SACI.2011.5872990, ISSN, pp. 151-154, ISBN 9781424491087 http://www.ac.upt.ro/saci2009/index.RO.html , 2011	IEEEExplore		10

14	Ladislau Matekovits, Aldo De Sabata	Novel multiband wideband filter relying on metamaterial technology	Final Program and Book of Abstracts - IWAT 2011: 2011 IEEE International Workshop on Antenna Technology: Small Antennas, Novel Structures and Innovative Metamaterials, Article number 5752369, pp. 372-375, DOI: 10.1109/IWAT.2011.5752369 ISSN http://www.iwat2011.hk/index.php, 2011	IEEEExplore	10
15	Aldo De Sabata, Ladislau Matekovits, Ulrich L. Rhode, Marius A. Silaghi	Multiband passive filter built with metamaterial in a parallel-plate waveguide	Journal of Electrical and Electronics Engineering, vol. 4, no. 1, pp. 49-52, May, 2011, DOI ISSN 1844-6035	Scopus	5
16	Ladislau Matekovits, Aldo De Sabata, Ildiko Peter	Influence of magnetic permeability on dispersion diagrams of a parallel-plate waveguide built with metamaterials	Proc. of Asia-Pacific Microwaves Conference, Melbourne, Australia, 5-8 December, 2011, pp. 1746-1749, 2011, ISBN: 978-0-85825-974-4	IEEEExplore	6.66
17	Aldo De Sabata, Ladislau Matekovits, Ulrich L. Rhode, Marius A. Silaghi	Metamaterial based microwave band-pass filter	Annals of DAAAM for 2011 & Proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation: Power of Knowledge and Creativity", 23-26th November, 2011, pp. 1267-1268, ISBN 978-3-901509-83-4, ISSN 1726-9679, Ed. Branko Katalinic, Vienna, Austria, 2011	Scopus	5
18	Ioan Luminosu, Aldo De Sabata, Coleta De Sabata, Marius Silaghi	Impact of Using Tracking Surfaces on Necessary Solar Radiation Collecting Area in Stock Raising Applications	Journal of Electrical and Electronics Engineering, vol. 4, no. 2, pp.61-64, 2011, ISSN 1844-6035	Scopus	5
19	Ladislau Matekovits, Aldo De Sabata, Karu P. Esselle	Effects of the Biasing Network in a Parallel Plate Waveguide Periodic Unit Cell Featuring Switched Electromagnetic Band Gap	Proceedings of Asia-Pacific Microwave Conference 2010, Yokohama, Japan, Dec. 7-10, pp. 1122-1125, ISBN 9784902339215, http://www.apmc2010.org/	IEEEExplore	6.66
20	Alimpie Ignea, Aldo De Sabata	Hysteresis Distortions for Two-Tone Signals	Proc. of 15th IMEKO Symposium on Novelities in Electrical Measurements and Instrumentation, Iasi, Romania, sept. 2007, pp. 61-63, ISBN 978-973-667-260-6, 978-973-667-261-3	Scopus	10
21	Bernhard Rothenstein, Aldo De Sabata	Frequency shifts for accelerated sources and observers: an illustration of non-locality in frequency measurement	Eur. J. Phys., 19 (6), 569-574, 1998, 0143-0807, DOI: 10.1088/0143-0807/19/6/010	Scopus	10
22	Bernard Rothenstein, Aldo De Sabata	An uncommon way to Special relativity	Eur. J. Phys., 18 (4), pp. 263-266, 1997, 0143-0807, DOI: 10.1088/0143-0807/18/4/003	Scopus	10
				Total A2.2	166.32

A2.4.1.2	Granturi director / Responsabil partener							
1	Noi metode de esantionare adaptiva cu aplicatii in analiza spectrala Grant	Orizont 2000, CNCIS, ANSTI, tip A, No.6153/2001, cod B31/2000,	Director	3 ani (2000-2002)	30			
2	Retea de senzori SDR in gama HF pentru suport informational in situatii de urgenta pe teritoriul Romaniei	PN II: PARTENERIATE IN DOMENIUL PRIORITYARE - DOMENIU DE CERCETARE: 8 - Spațiu și Securitate DIRECTIA DE CERCETARE: 8.5 - Sisteme și infrastructura de securitate, UEFISCDI PCCA 292/2014	Responsabil partener	4 ani (2014-2017)	40			
			Total A2.4.1.2		70			
A2.4.2.2	Granturi nationale membru							
1	Cercetari privind elaborarea si promovarea solutiilor de arhitectura solara pentru sisteme PV integrate in cladiri,	parteneriate in domeniile prioritare, Nr 3/21039/2007		4	8			
2	Platforma pentru studiul fenomenelor concurente fizice, energetice, electrotehnice, electronice si chimice care au loc in procesul de conversie termosolara si in efectul fotovoltaic. Automatizarea functionarii si exploatarea instalatiilor heliotehnice bazate pe conversia termosolara si fotovoltaica.	Platforma CNCIS 38/2006		4	8			
3	Tehnici moderne de prelucrare și transmitere a hipermedia a semnelor biomedicale.	58GR/19.05.2006 COD CNCIS 369/2006 TEMA 19		2	4			
4	Supravegherea electromagnetica la Spitalul Clinic Județean Nr.1 Timișoara.	CNCIS 32940/22.06.2004		3	6			

5	Calibrarea anemelor prin metoda autoreciproctării.	ANSTI Orizont 2000, Grant No. 6153/2001, tema B1, ANSTI cod C	3	6
6	Sistem de monitorizare a calitatii tesutului osos, studiiu vindecarii fracturilor si a interfetei tesut-implant utilizand vibratiile.	Grant No. 36681/2001, tema 32, CNCSIS cod 64	1	2
7	Cercetări privind senzori magnetooptici, electrooptici, piezoelectri, optoelectronici și interfațarea lor cu tehnica de calcul. 3	5034, tema 3, CNCSIS cod 123/2000	3	6
8	Cercetări privind efecte magnetooptice, electrooptice și electroluminescente cu aplicații în construcția de senzori	CNCSIS 7004/26/380/1997	3	6
9	Utilizarea reprezentărilor timp-frecvență la analiza și prelucrarea semnalelor,	Acad. Rom. 3312/316/1997	1	2
10	Studul reprezentanilor timp-frecvența și timp-factor de scală cu aplicații în prelucrarea semnalelor.	MCT 3019GR/1997	3	6
11	Studul reprezentărilor timp-frecvență și timp-factor de scală ale semnalelor mono- și bi-dimensionate cu aplicații în elaborarea unor algoritmi de analiză multirezoluție	CNSCU 4004/1995 Tema 1B	1	2
12	Realizarea și testarea prototipului unui corp de iluminat siradal cu LED-uri de mare putere și design brevetat la OHMI (UE)	cod PN-II-IN-CI-2012 -I-0135 - Programul Cecuri de inovare finanțat de către UEFISCDI (Unitatea Executivă de plată în învățământul superior pentru cercetare-dezvoltare-inovare) 72CI/29.06.2012	1	2
13	Realizarea și testarea în vederea certificării și producerii sale în serie a prototipului unei microcentrale termoelectrice solare cu lentile Fresnel și motor Stirling.	cod PN-II-IN-CI-2012 -I-0135 - Programul Cecuri de inovare finanțat de către UEFISCDI (Unitatea Executivă de plată în învățământul superior pentru cercetare-dezvoltare-inovare) 80CI/29.06.2012	1	2
Total A2.4.2.2				60

Sinteza A2	
A2.1	631.51
A2.2	166.32

A2.4.1.2	70.00
A2.4.2.2	60.00
Total	927.83