

FISA DE VERIFICARE a indeplinirii standardelor minime pentru titlul de profesor universitar: MICLAUS SIMONA

Comisia: Inginerie electrica

Domeniul activitatii	Tipul activitatii	Categorii	Subcategorii	Criteriu	Indicatori	Realizat	
Activitatea didactica si profesionala	Carti si capitole în carti de specialitate	carti cu ISBN (min. 4 carti). Realizat: 4	internationale	1.1.1.1	nr. pag/ (2* nr. autori)	0,00	
			nationale	1.1.1.2	nr. pag/ (5* nr. autori)	140,60	
		carti editor /coordonator	internationale	1.1.2.1	nr. pag/ (3* nr. autori)	0,00	
			nationale	1.1.2.2	nr. pag/ (7* nr. autori)	0,00	
	Suport didactic	Suport curs inclusiv electronic (min. 2 - 1 prim autor). Realizat: 3 din care 3 prim autor		1.2.1	nr. pag/(10 * nr. autori)	35,70	
		Indrumar laborator (min. 2 - 1 prim autor). Realizat: 2 din care 2 prim autor		1.2.2	nr. pag/ (20 *nr. autori)	22,30	
	Coordonare programe (POS, ERASMUS, etc)	Punctaj unic pentru fiecare activitate		1.3.1	10	50,00	
	Total 1					min. 80	248,60
	Activitatea de cercetare	Articole in reviste cotate ISI sau indexate ISI proceedings	min. 10 din care 4 ca prim autor si min 4 in reviste. Realizat: 55 din care 20 ca prim autor si 26 in reviste		2.1	(25+20*f. impact)/ nr. autori	588,13
Articole in reviste, volume manifestari stiintifice in baze de date internationale (BDI)		min 20 din care 5 in reviste. Realizat: 30 din care 14 in reviste		2.2	20/ nr. autori	184,00	
Granturi / proiecte castigate prin competitie		director/ responsabil - (min. 2). Realizat: 3	internationale	2.3.1.1	20* nr. ani	0,00	
			nationale	2.3.1.2	10* nr. ani	70,00	
		membru	internationale	2.3.2.1	4* nr. ani	0,00	
			nationale	2.3.2.2	2* nr. ani	28,00	
Contracte (min 2000 EU)		Responsabil		2.4.1	5* nr. ani	0,00	
		Membru		2.4.2	2* nr. ani	0,00	
Total 2					min. 300	870,13	

Recunoastere si impactul activitatii	Citări reviste, volume ISI si BDI	Minim 20. Realizat: 110	ISI	3.1.1	5/nr. autori	87,50
			BDI	3.1.2	3/nr. autori	77,60
	Prezentari invitate in plen manifestari si profesor invitat (exclusiv ERASMUS, POS)	Punctaj unic pentru fiecare activitate	internationale	3.2.1	20	0
			nationale	3.2.2	5	0
	Membru colective de redactie, comitete stiintifice, organizator manifestari stiintifice indexate, recenzor reviste	Punctaj unic pentru fiecare activitate	ISI	3.3.1	10	110,00
			BDI	3.3.2	6	18,00
			nationale neindexate	3.3.3	3	24,00
	Experienta de management	Conducere - rector, prorector, decan prodecan, director departament		3.4.1	5*nr. ani	0,00
		membru organigrama (senat, consiliu facultate, departament)		3.4.2	2*nr. ani	4,00
	Referent in comisii de doctorat	internationale		3.5.1	10	0,00
		nationale		3.5.2	5	25,00
	Premii in domeniu	Academia Romana		3.6.1	30	0,00
		ASAS, AOSR, academii ramura si CNCS		3.6.2	15	90,00
		internationale		3.6.3	10	0,00
		nationale		3.6.4	5	15,00
	Membru in academii, asociatii profesionale, consilii organizatii in domeniul educatiei si cercetarii	Academia Romana		3.7.1	100	0,00
		ASAS, AOSR, academii ramura si CNCS		3.7.2	30	0,00
		Conducere asociatii	internationale	3.7.3	30	0,00
			nationale	3.7.3	10	10,00
		Asociatii profesionale	internationale	3.7.4	5	5,00
nationale			3.7.5	2	2,00	
Consilii organizatii in domeniul educatiei si cercetarii		internationale	3.7.6	15	0,00	
	nationale	3.7.7	10	0,00		
Total 3					min. 60	468,10
Total 1+2+3			min.	440	1586,83	

Activitate didactica si profesionala (criteriul 1.1.1.2)

Nr. Crt.	Referinta	Nr. pag.	Nr. Autori	Punctaj
1	Miclaus S. , <i>Introducere in bioelectromagnetica microundelor</i> , Editura Universitatii "Lucian Blaga", ISBN 973-8012-06-6, Sibiu, 1999.	128	1	25,60
2	Miclaus S. , <i>Dozimetria campurilor electromagnetice de radiofrecventa si microunde – Elemente teoretice si experimentale -</i> , Editura Academiei Fortelor Terestre N. Balcescu, ISBN 978-973-7809-82-7, Sibiu, 2007.	325	1	65,00
3	Velicof M., Miclaus S. , <i>Incidente si amenintari radiologice si nucleare din perspectiva apararii</i> , ISBN 978-606-616-003-2, Ed. Tehno Media, Sibiu, 2011.	238	2	23,80
4	Miclaus S. , Calota V., <i>Expunerea in campurile electromagnetice: Determinari in campul apropiat si in campul indepartat al surselor de radiofrecventa</i> , ISBN 978-606-616-098-8, Ed. Technomedia, Sibiu, 2013	262	2	26,20
Total 1.1.1.2				140,60

Activitate didactica si profesionala (criteriul 1.2.1)

Nr. Crt.	Referinta	Nr. pag.	Nr. Autori	Punctaj
1	Miclaus S. , <i>Elemente de fizica nucleara: Note de curs</i> , Editura Academiei Fortelor Terestre N. Balcescu, ISBN 978-973-153-076-5, Sibiu, 2010.	214	1	21,40
2	Miclaus S. , <i>Interactii bioelectromagnetice si standarde de protectie: Curs electronic</i> , Master SICAS, Univ. Tehnica din Cluj Napoca, Facultatea ETTI, 14 cursuri (430 slide-uri), 2010	143	1	14,30
3	Miclaus S. , <i>Culegere de probleme de fizica</i> , Institutul Militar de Transmisiuni "Decebal", Sibiu, 1994.	60	1	6,00
Total 1.2.1				35,70

Activitate didactica si profesionala (criteriul 1.2.2)

Nr. Crt.	Referinta	Nr. pag.	Nr. Autori	Punctaj
1	Miclaus S. , <i>Indrumar de laborator. Lucrari practice de fizica</i> , Institutul Militar de Transmisiuni, Sibiu, 1992	60	1	3,00
2	Miclaus S. , <i>Lucrari experimentale de fizica</i> , Editura Academiei Fortelor Terestre, ISBN 973-8088-45-3, Sibiu, 2001. (cu set programe originale de simulare computerizata a unor fenomene fizice: 1. studiul difractiei luminii, 2. studiul variatiei rezistentei electrice a solidelor cu temperatura, 3. determinarea sarcinii specifice a electronului prin metoda deviatiei in camp magnetic.)	386	1	19,30
Total 1.2.2				22,30

Activitate didactica si profesionala (criteriul 1.3.1)

Nr. Crt.	Referinta	Punctaj
1	Erasmus Programme, Erasmus Teaching Mobility, 6-11 May 2012, Universidade Nova de Lisboa, Faculty of Sciences and Technology, Lisbon, Portugal	10,00
2	Erasmus Programme, Erasmus Teaching Mobility, 13-18 May 2013, Universidade Nova de Lisboa, Faculty of Sciences and Technology, Lisbon, Portugal	10,00
3	Erasmus Programme, Erasmus Teaching Mobility, 21-26 April 2014, Universidade Nova de Lisboa, Faculty of Sciences and Technology, Lisbon, Portugal	10,00
4	2008-2012: Membru in comitetul de management - COST Action BM 0704 - "Emerging Electromagnetic Fields Technologies and Health Risk Management".	10,00
5	2014-2018: Membru supleant in comitetul de management - COST Action BM1309 - „European network for innovative uses of EMFs in biomedical applications (EMF-MED)“	10,00
Total 1.3.1		50,00

Articole in reviste cotate ISI si in volumele unor manifestari stiintifice indexate ISI proceedings (criteriul 2.1)

Nr. Crt.	Referinta	Nr. Autori	Factor impact	Punctaj
1	Racuciu M., Iftode C., Miclaus S. , <i>Inhibitory Effects of Low Thermal Radiofrequency Radiation on Physiological Parameters of Zea Mays Seedlings Growth</i> , ROMANIAN JOURNAL OF PHYSICS, vol. 59, no. 9-10, 2014	3	0,745	13,3
2	Miclaus S. , Dumbrava I., Voicu V., Bechet P., Patru I., <i>Electromagnetic Exposure due to Portable Two-way Radio Transceivers and Walkie-Talkies</i> , Proceedings of the 10th International Symposium On Advanced Topics In Electrical Engineering, Bucharest, Romania, 23-25 March, 2017, Pages: 346-349, 2017	5	0	5
3	Racuciu M., Iftode C., Miclaus S. , <i>Athermal microwave radiation affects the genetic of vegetal embryos</i> , Environmental Engineering Management Journal, vol. 15, no. 12, pp. 2561-2568, 2016.	3	1,096	15,64
4	Miclaus S. , Bechet P., Karpowicz J., <i>Empirical Approach of Human Exposure to Near Field of a Biconical Dipole VHF Antenna: An Occupational Safety Perspective</i> , International Conference on Applied and Theoretical Electricity – ICATE 2016, Craiova, 6-8 October 2016	3	0	8,3333333
5	Apreutesei A.-L., Curteza A., Paljanos A., Miclaus S. , Mihai G., Aron A.M., Bechet P., Baltag O., <i>Radiation reduction capabilities of some woven fabrics with metallic yarns attached to mobile phones emitting in 2G- and 3G- communication standards</i> , Proceedings of 2016 International Conference and Exposition on Electrical and Power Engineering, EPE 2016, Iasi, 20-22 October 2016.	8	0	3,125
6	Miclaus S. , Bechet P., Karpowicz J., <i>Human body coupling to near field of VHF antennas indoor: an expo-dosimetric survey</i> , Proceedings of 2016 International Conference and Exposition on Electrical and Power Engineering, EPE 2016, Iasi, 20-22 October 2016	3	0	8,3333333
7	Miclaus Simona , Paul Bechet, Mircea Stanic, and Cora Iftode, <i>Comparative Preliminary Ionospheric Forecasting In Romania With Data From The European Ionosonde Service Versus Data Extracted From The International Reference Ionosphere Model</i> , In International conference KNOWLEDGE-BASED ORGANIZATION, vol. 21, no. 3, pp. 706-711. 2015.	4	0	6,25
8	Racuciu M., Iftode C., Miclaus S. , <i>1GHz low-thermal microwaves effect on mitotic division of vegetal tissues</i> , Proceedings Of The 2014 International Conference And Exposition On Electrical And Power Engineering / Third International Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, ISBN: 978-1-4799-5848-1, Iasi, Romania, pp. 591-595, 16-18 Oct. 2014.	3	0	8,3333333
9	Pantelaki K.G., Stratakis D.I., Pallis E.M., Miclaus S. , Zaharis Z.D., Xenos T.D., <i>Radar Measurements with Remote Control Software</i> , Proceedings of 2016 International Conference on Telecommunications and Multimedia (TEMU) Heraklion, Creta, Greece, 25-27 July, 2016.	6	0	4,1666667
10	Paljanos A., Miclaus S., Bechet P. , Munteanu C., <i>Assessment of mobile phone user exposure to UMTS and LTE signals: Comparative near field radiated power levels for various data and voice application services</i> , Journal of Electromagnetic Waves and Applications, vol. 30 (9), pp. 1101-1115, DOI: 10.1080/09205071.2016.1167634, 2016	4	0,726	9,88

11	Paljanos A., Munteanu C., Miclaus S. , <i>Correlating Electric and Magnetic Field Strength with Induced Foot Currents – Occupational Exposure Assessment of Personnel Operating Professional Radio Equipment</i> , Scientific Bulletin of Politehnica Bucharest, Series C, Electrical Engineering and Computer Science, Vol. 78, No.4, pp. 149-160, 2016	3	0	8,3333333
12	Racuciu M., Miclaus S. , Creanga D., <i>On the thermal effect induced in tissue samples exposed to extremely low-frequency electromagnetic field</i> , Journal of Environmental Health Science and Engineering, 13:85, DOI: 10.1186/s40201-015-0241-8, online 17 December 2015	3	0,338	10,586667
13	Miclaus S. , Bechet P., Karpowicz J., <i>Experimental Determination of Human Exposure in the Near Field of VHF Sources: Correlations between Incident Field Strength and Currents Induced in Lower Legs of Persons</i> , Proceedings of the 9th International Symposium On Advanced Topics In Electrical Engineering, Bucharest, Romania, 7-9 May, 2015, Pages: 408 - 412, DOI: 10.1109/ATEE.2015.7133838, 2015	3	0	8,3333333
14	Paljanos A., Miclaus S. , Munteanu C., <i>Occupational exposure of personnel operating military radio equipment: measurements and simulation</i> , <i>Electromagnetic Biology and Medicine</i> , vol. 34(3), pp. 221-227, DOI:10.3109/15368378.2015.1076446, 2015	3	1,208	16,386667
15	Bechet P., Miclaus S. , Bechet A.C., <i>An analysis of the dependence of the electromagnetic exposure level in indoor environment on traffic direction, instantaneous data rate and position of the devices in a WLAN network</i> , Measurement, DOI 10.1016/j.measurement.2015.02.035, 2015	3	1,526	18,506667
16	Racuciu M., Miclaus S. , Creanga D., <i>On the thermal effect induced in tissues samples exposed to extremely low-frequency electromagnetic field</i> , JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING, in press, 2014	3	1,01	15,066667
17	Miclaus S. , P. Bechet, <i>Electromagnetic field strength in the proximity of WLAN devices during data and video files transmission</i> , ELECTRONICS LETTERS, Volume 50, Issue 19, 11 September 2014, p. 1397 – 1399, DOI: 10.1049/el.2014.0834, 2014.	2	1,068	17,18
18	P. Bechet, Miclaus S. , A.C. Bechet, <i>Improving the Accuracy of Exposure Assessment to Stochastic-like Radiofrequency Signals</i> , IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY Volume: 54 Issue: 5 Pages: 1169-1177 DOI: 10.1109/TEMC.2012.2191290 Published: OCT 2012	3	1,327	17,18
19	Miclaus S. , Bechet P., Stratakis D., <i>Exposure levels due to WLAN devices in indoor environments corrected by the time-amplitude distribution factor of the quasi-stochastic signals</i> , RADIATION PROTECTION DOSIMETRY first published online March 2, 2014 doi:10.1093/rpd/ncu038	3	0,861	14,07
20	Oprica L., Ungureanu E., Vochita G., Creanga D., Miclaus S. , <i>Electromagnetic Exposure Influence On Protein Synthesis In Cellulolytic Fungus – An Environmental Issue</i> , ROMANIAN JOURNAL OF PHYSICS, vol. 59, 2014.	5	0,745	7,98
21	P. Bechet, S. Miclaus , <i>An improved procedure to accurately assess the variability of exposure to electromagnetic radiation emitted by GSM base station antennas</i> , MEASUREMENT SCIENCE & TECHNOLOGY Volume: 24 Issue: 1 Article Number: 015003 DOI: 10.1088/0957-0233/24/1/015003 Published: JAN 2013	2	1,352	26,02
22	S. Miclaus , P. Bechet, M. Gheorghevici, <i>Long-term exposure to mobile communication radiation: an analysis of time-variability of electric field level in GSM900 Downlink channels</i> , RADIATION PROTECTION DOSIMETRY Volume: 154 Issue: 2 Pages: 164-173 DOI: 10.1093/rpd/ncs169 Published: APR 2013	3	0,861	14,07

23	Miclaus S. , Bechet P., Karpowicz J., <i>Limb currents due to electromagnetic influence in the VHF reactive near field: the role of field polarization, exposed persons posture and anthropometric parameters</i> , Proceedings of the International Symposium on Fundamentals of Electrical Engineering, ISFEE 2016, Bucharest, 30 June-2 July 2016	3	0	8,33
24	Bechet P., Miclaus S. , Miclaus A., Balint C., <i>Experimental Analysis of Noise Level and Channels Availability for High Frequency OFDM data transmission in NVIS propagation conditions</i> , Proceedings of EMC Europe 2016, Wroclaw, 6-8 Sept. 2016	4	0	6,25
25	Miclaus S. , Iftode C., Colcieru M., <i>Low-dose 1GHz exposure in controlled conditions for the study of cellular effects of in vitro irradiated blood</i> , PROCEEDINGS OF THE 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING, Bucharest, 2013	3	0	8,33
26	Miclaus S. , P. Bechet, C. Iftode, <i>The application of a channel-individualized method for assessing long-term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas</i> , MEASUREMENT Volume: 46 Issue: 3 Pages: 1355-1362 DOI: 10.1016/j.measurement.2012.11.040 Published: APR 2013	3	1,526	18,51
27	Iftode C., Miclaus S. , <i>Design And Validation Of A Tem Cell Used For Radiofrequency Dosimetric Studies</i> , PROGRESS IN ELECTROMAGNETIC RESEARCH – PIER, vol. 132, pp.369-388, 2012	2	0	12,50
28	Miclaus S. , Bechet P., Bouleanu I. Helbet R., <i>Radiofrequency field distribution assessment in indoor areas covered by Wireless Local Area Networks</i> , ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 9 Issue: 1 Pages: 52-55 DOI: 10.4316/aece.2009.01009 Published: 2009	4	0,509	8,80
29	S. Miclaus , P. Bechet, <i>Estimated and measured values of the radiofrequency radiation power density around cellular base stations</i> , ROMANIAN JOURNAL OF PHYSICS, Volume: 52 Issue: 3-4 Pages: 429-440 Published: 2007	2	0	12,50
30	Bechet P., Miclaus S. , <i>Swept versus Real-Time Spectrum Analyzer ability to accurately assess electromagnetic exposure due to wireless communications signals in the environment: an analysis</i> , PROGRESS IN ELECTROMAGNETICS RESEARCH SYMPOSIUM (PIERS), Marrakesh, MOROCCO, 438-442, Published: 2011.	2	0	12,50
31	Iftode C., Miclaus S. , Bechet P., Surducan E., <i>A TEM Cell Model Analysis for Radiofrequency Dosimetry Improvement by Computational Means</i> , 2011 7TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Published: 2011	4	0	6,25
32	P. Bechet, S. Miclaus , <i>Comparative study of electromagnetic field around WLAN access points by using swept and real time spectrum analysers</i> , 16TH INTERNATIONAL CONFERENCE THE KNOWLEDGE-BASED ORGANIZATION: APPLIED TECHNICAL SCIENCES AND ADVANCED MILITARY TECHNOLOGIES, CONFERENCE PROCEEDINGS Book Series: Knowledge Based Organization International Conference Pages: 35-40 Published: 2010	2	0	12,50
33	Has I., Miclaus S. , Has A., <i>An alternative light path analysis in Michelson's interferometer experiment</i> , PHYSICS ESSAYS, vol. 23, 2: 248- 258, ISSN 0836-1398, Quebec, Canada, 2010	3	0	8,33
34	Miclaus S. , Calota V., <i>In Situ Radiofrequency Field Level Assessment in urban areas in Romania: Open Questions to Electromagnetic Pollution</i> , ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Vol.9, No. 5, pp. 713-719, May 2010	2	1,435	26,85
35	Miclaus S. , Morega M., <i>Characterisation of the electromagnetic environment in a TEM cell for exposure of small biological samples in the UHF band</i> , ROMANIAN JOURNAL OF PHYSICS, Publishing House of the Romanian Academy, vol. 55, no.1-2, Bucharest, 2010	2	0,34	15,90

36	Surcel D., Dabala D., Szanto C., Miclaus S. , Botoc M., Hriscu M., <i>Free Radicals, Lipid Peroxidation and Immune Response in Experimental Exposure to Electromagnetic Fields</i> , EPIDEMIOLOGY, 20(6): S118-S119 November 2009	6	5,51	22,53
37	Miclaus S. , Beldean L., <i>Electromagnetic Fields of MRI Scanners and Human Exposure Safety</i> , INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, IFMBE PROCEEDINGS, vol. 26, Springer, pp. 109-115, Eds. Vlad S., Ciupa R.V., Nicu A., ISBN 978-3-642-04291-1, Cluj Napoca, 23-26 Sept. 2009	2	0	12,50
38	Miclaus S. , P. Bechet, <i>Occupational exposure to electromagnetic fields of personnel serving military mobile radio communications: a preliminary study</i> , 15TH INTERNATIONAL CONFERENCE THE KNOWLEDGE-BASED ORGANIZATION: APPLIED TECHNICAL SCIENCES AND ADVANCED MILITARY TECHNOLOGIES, CONFERENCE PROCEEDINGS Book Series: Knowledge Based Organization International Conference Volume: 6 Pages: 82-87 Published: 2009	2	0	12,50
39	Has I., Miclaus S. , Has A., <i>Analysis of a possible correlation between electrical and gravitational forces</i> , PHYSICS ESSAYS, vol. 21, nr. 4, ISSN 0836-1398, Quebec, Canada, 2008	3	0	8,33
40	Dabala D., Surcel D., Szanto C., Miclaus S. , Botoc M., Toader S., Rotaru O., <i>Cellular response in experimental exposure to electromagnetic fields</i> , REVUE ROUMAINE DES SCIENCES TECHNIQUES. - SÉRIE: ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE, tome 53, no 2, pp.21-29, Bucharest, 2008	7	0	3,57
41	Morega M., Miclaus S. , Machedon A., <i>Analysis of the Elecromagnetic Field in a controlled enclosure for biological dosimetry</i> , REVUE ROUMAINE DES SCIENCES TECHNIQUES. - SÉRIE: ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE, tome 53, no 2, pp. 225-235, ISSN 0035-4066, Bucharest, 2008	3	0	8,33
42	Dabala D., Surcel D., Szanto C., Miclaus S. , Botoc M., Toader S., Rotaru O., <i>Oxidative and immune response in experimental exposure to electromagnetic fields</i> , STUDIES IN APPLIED ELECTROMAGNETICS AND MECHANICS, VOL.29: ELECTROMAGNETIC FIELDS, HEALTH AND ENVIRONMENT, pp.105-109, ISBN 978-1-58603-860-1, IOS Press, Netherlands, 2008	7	0	3,57
43	Miclaus S. , Racuciu M., <i>A dosimetric study for experimental exposures of vegetal tissues to radiofrequency fields</i> , STUDIES IN APPLIED ELECTROMAGNETICS AND MECHANICS, VOL.29: ELECTROMAGNETIC FIELDS, HEALTH AND ENVIRONMENT, pp.133-141, ISBN 978-1-58603-860-1, IOS Press, Netherlands, 2008.	2	0	12,50
44	Racuciu M., Miclaus S. , Creanga D.E., <i>Non-thermal, continuous and modulated RF field effects on vegetal tissue developed from exposed seeds</i> , STUDIES IN APPLIED ELECTROMAGNETICS AND MECHANICS, VOL.29: ELECTROMAGNETIC FIELDS, HEALTH AND ENVIRONMENT, pp.142-149, ISBN 978-1-58603-860-1, IOS Press, Netherlands, 2008.	3	0	8,33
45	Creanga, D.E., Miclaus S. , <i>Computational insight in the visual ganglion dynamics</i> , ROMANIAN JOURNAL OF PHYSICS, vol. 53, no. 1-2, pp. 353-358, Publishing House of the Romanian Academy, ISSN 1221-146X, Bucharest, 2008	2	0	12,50
46	Curecheriu, L., Avadanei, O., Focanici, E.L., Creanga, D.E., Miclaus S. , Horga I.E., <i>Investigation upon the radiofrequency radiation impact in the biological tissues</i> , ROMANIAN JOURNAL OF PHYSICS, vol. 53, no. 1-2, pp. 359-364, Publishing House of the Romanian Academy, ISSN 1221-146X, Bucharest, 2008.	6	0	4,17
47	Bechet P., Miclaus S. , Stratakis D., Miaoudakis A., <i>Electromagnetic field strength distribution in Wi-Fi signals covered areas: an experimental analysis of the variables that influence the exposure levels</i> , Proceedings Of The 2014 International Conference And Exposition On Electrical And Power Engineering / Third International Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, ISBN: 978-1-4799-5848-1, Iasi, Romania, 16-18 Oct. 2014, pp. 466 – 470	4	0	6,25

48	Miclaus S. , Bechet P., <i>Comparative characterization of the electromagnetic near field radiated by mobile phones in GSM and UMTS communication technologies</i> , Proceedings Of The 2014 International Conference And Exposition On Electrical And Power Engineering / Third International Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, ISBN: 978-1-4799-5848-1, Iasi, Romania, pp. 471-475, 16-18 Oct. 2014.	2	0	12,50
49	Stanic M, Miclaus S. , Bechet P., <i>An analysis of the dynamics of electromagnetic near field level of mobile phones during the call initiation period</i> , 18TH INTERNATIONAL CONFERENCE - THE KNOWLEDGE-BASED ORGANIZATION: APPLIED TECHNICAL SCIENCES AND ADVANCED MILITARY TECHNOLOGIES, CONFERENCE PROCEEDING 3 Book Series: Knowledge Based Organization International Conference Pages: 323-328 Published: 2012	3	0	8,33
50	Miclaus S. , Bechet P., <i>Estimated and measured values of the radiofrequency radiation power density around cellular base stations</i> , ROMANIAN JOURNAL OF PHYSICS, vol.52, no.3-4, pp. 399-410, Publishing House of the Romanian Academy, ISSN 1221-146X, Bucharest, 2007	2	0	12,50
51	Curecheriu L., Focanici E., Vlahovici A., Avadanei O., Sandu D.D., Creanga D., Miclaus S. , <i>Radiofrequency wave effects on the DNA and RNA levels in some animal tissues</i> , ROMANIAN JOURNAL OF PHYSICS, vol.52, no.3-4, pp. 361-367, Publishing House of the Romanian Academy, ISSN 1221-146X, Bucharest, 2007	7	0	3,57
52	Sandu D.D., Goiceanu C., Ispas A., Creanga I., Miclaus S. , Creanga D.E., <i>A preliminary study on UHF effects on Black Locust chlorophylls</i> , ACTA BIOLOGICA HUNGARICA, vol. 56 (1-2), pp.109-117, ISSN 0236-5383, 2005	6	0	4,17
53	Bechet P., Miclaus S. , Demeter S., Popa M., Bora M., <i>Continuous and Digital Modulated Radiofrequency Fields Propagation in Planar Biological Models</i> , PROCEEDINGS OF THE 2003 IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY, Istanbul, Turkey, vol.2, pp. 1241-1244, 2003	5	0	5,00
54	Bechet P., Mitran R., S. Miclaus , <i>An analysis of frequency hopping radio networks</i> , 15TH INTERNATIONAL CONFERENCE ON ELECTROMAGNETIC DISTURBANCES Location: Bialystok, POLAND Date: SEP 21-23, 2005	3	0	8,33
55	Pavel A., Gassner P., Creanga D., Miclaus S , Bara I.I., <i>Citogenetic modifications induced in Chelidonium majus by low thermal microwaves</i> , ANNALES SCIENTIFIQUES DE L'UNIVERSITE DE FRANCHE-COMTE, PHYSIQUE, pp. B5-B8, Besancon, France, 1999	5	0	5,00
Total 2.1				588,13

Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (criteriul 2.2)

Nr. Crt.	Referinta	Nr. Autori	Punctaj
1	Miclaus S. , Racuciu M., Bechet P., <i>H-field contribution to the electromagnetic energy deposition in tissues similar to the brain but containing ferrimagnetic particles, during use of face-held radio transceivers</i> , Progress in Electromagnetics Research B, PIER B, vol. 73, pp. 49-60, 2017.	3	6,66667
2	Has I., Miclaus S. , <i>An initial model of ether describing electromagnetic phenomena, including gravity</i> , Physics Essays, 30(1), pp. 45-56, March 2017.	2	10
3	Miclaus S. , Bechet Paul, Paljanos Annamaria, Mihai George, Patru Ion, Aron Angel Marian, Baltag Octavian, <i>Shielding Effectiveness Of Some Conductive Textiles And Their Capability To Reduce The Mobile Phones Radiation</i> , Proceedings of the International Conference Knowledge-Based Organization, Vol. XXII, No 3, pp. 524-530, 2016.	7	2,85714
4	Bechet P., Scortar R.M., Todorov T., Boneva B., Miclaus S. , <i>Design and testing of an automated receiving system for the ionospheric sounding in HF radiofrequency range</i> , Acta Technica Napocensis Electronics and Telecommunications, vol. 56, no.3, pp. 15-18, 2015	5	4
5	Bechet P., Gheorghievici M., Mitran R., Scortar R.M., Todorov T., Miclaus S. , <i>System and measurements for analysis of near vertical ionospheric skywave propagation in the high frequency range</i> , Acta Electrotehnica, vol.56, no.4, pp.157-165, 2015.	6	3,33333
6	Has I., Miclaus S. , Has A., <i>A Theoretical Confirmation of the Gravitation New Origin Having a Dipolar Electrical Nature with Coulomb Law Corrected</i> , American Journal of Modern Physics, doi: 10.11648/j.ajmp.20150403.11, Vol. 4, No. 3, pp. 97-108, 2015.	3	6,66667
7	Miclaus S. , Bechet P., <i>Real-Time Signal Analysis For Power Versus Time Evolution Assessment Of Mobile Phone Radiation In The Calling Initiation Period Of The GSM Versus UMTS Communications</i> , Bulgarian Journal of Public Health, ISSN 1313-860X Supplement, Vol. VII, No2(1), pp.104-111, 2015	2	10
8	Paljanos A., Miclaus S. , Munteanu C., <i>Near-field level emitted by professional radio communication devices: preliminary measurements and simulations for an occupational exposure assessment approach</i> , Proceedings Of The 2014 International Conference And Exposition On Electrical And Power Engineering / Third International Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, ISBN: 978-1-4799-5848-1, Iasi, Romania, pp. 508 – 513, 16-18 Oct. 2014	3	6,66667
9	Negoi, M.M., Gava, C. and Miclaus, S. , <i>Nuclear attack management subsequent activities of defense structures: current possibilities of implementation</i> , Land Forces Academy Review, 15(3), p.397, 2010	3	6,66667
10	Has I., Miclaus S. , Has A., <i>A Reanalysis of the Theory of Interferometer Experiment Demonstrating that Michelson's Analysis Contains an Error, Including the Boat Model Analysis, so Readmitting the Ether Presence</i> , Optics. Vol. 3, No. 4, pp. 24-32. doi: 10.11648/j.optics.20140304.11, 2014	3	6,66667

11	Stanic M., Miclaus S. , Bechet P., <i>Near Field Level Assessment of Portable Radiocommunication Equipment For Occupational Exposure Purposes</i> , Proc. of the 5th International Conference on Modern Power Systems, Cluj Napoca, 28-31 May 2013, Acta Electrotehnica, vol. 54, no.5, pp. 459-464, ISSN 1841-3323, 2013.	3	6,6667
12	Gheorghevi M., Bechet P., Miclaus S. , Mitran R., <i>An automated electromagnetic field monitoring system based on spectrum analyzer</i> , Proc. of the 5th International Conference on Modern Power Systems, Cluj Napoca, 28-31 May 2013, Acta Electrotehnica, vol. 54, no.5, pp. 199-203, ISSN 1841-3323, 2013.	4	5
13	Bechet P., Miclaus S. , <i>Swept versus Real-Time Spectrum Analyzer ability to accurately assess electromagnetic exposure due to wireless communications signals in the environment: an analysis</i> , PIRS Online 7.3 (2011): 276-280	2	10
14	Miclaus S. , Bechet P., <i>Near Field Radiofrequency Metrology and Occupational Exposure Assessment: In Situ Measurements and Accuracy Analysis</i> , Proceedings of the 20th International Conference on Applied Electromagnetics and Communications (ICECOM), Dubrovnik, Croatia, 20-23 Sept. 2010	2	10,00
15	Miclaus S. , P. Bechet, C. Iftode, <i>Near Field Radiofrequency Measurements for Occupational Exposure Assessment by Personal Exosimeter: Possibilities and Limitations</i> , Proceedings of the 6th International Workshop on Biological Effects of Electromagnetic Fields, Bodrum, Turcia, 10-14 Oct.2010.	3	6,67
16	Racuciu, M., Miclaus, S. , Creanga, D.E., <i>The response of plant tissues to magnetic fluid and electromagnetic exposure</i> , Romanian J. Biophys 19 : 73-82, 2009.	3	6,67
17	Racuciu, M., Miclaus, S. , <i>Low-level 900 MHz electromagnetic field influence on vegetal tissue</i> , Romanian J. Biophys 17 : 149-156, 2007.	3	6,67
18	Morega, M., and S. Miclaus, <i>Electromagnetic Environment Generated in a TEM Cell for Biological Dosimetry Applications</i> , Intl. Symp. of Electromagnetic Fields, ISEF-2007, Prague, Czech Rep. 2007.	2	10,00
19	Miclaus, S. , Racuciu M., Morega M, <i>Assimilatory Pigments and Nucleic Acid Concentrations of Vegetal Tissue Exposed to Low Level 900MHz Controlled Field</i> , BioEM2009-Joint Meeting of The Bioelectromagnetics Society (BEMS) and the European BioElectromagnetics Association (EBEA), Davos, Switzerland. 2009.	3	6,67
20	Kovacs E., Savopol T., Martin D., Iacob N., Miclaus S. , Bajenaru L., <i>Changes in membrane order parameters of cultured cells by exposure to 2.45 GHz microwaves</i> , 6th EBSA & British Biophysical Society Congress July 14 - 18 2007, Imperial College, London, U.K., published in European Biophysics Journal, vol. 36, suppl.1/July 2007, pag.77, ISSN: 0175-7571 (print) 1432-1017 (Online), Springer, 2007.	6	3,33
21	Savopol, T., E. Kovacs, N. Iacob, D. Martin, L. Bajenaru, and S. Miclaus , <i>Lipid phase transition temperature modifications by microwave irradiation of model membrane</i> , Eur. Biophys. J. Biophys. Lett 36, 2007	6	3,33
22	Miclaus S. , Bechet P., Olariu O., Demeter S., <i>Computation of radiofrequency field deposition in biological exposed models by an analytical method</i> , Romanian J. Biophys., 15, 47-54, 2005	3	6,67
23	Molnar R., Miclaus S. , Curecheriu L., Focanici E., Tupu P., Creanga D.E., Drochioiu G., Nadejde C., Goiceanu C., <i>Study of the putative hyperthermia effect in plants electromagnetically exposed and treated with magnetic liquid</i> , Analele Stiintifice ale Universitatii Al. I. Cuza din Iasi Tomul III, s. Biofizică, Fizică medicală și Fizica mediului, pp.78-82, 2007	9	2,22

24	Mosteanu D., Miclaus S. , Barsan G., Research regarding obtaining volatile oils from native plants in microwave assisted vacuum system, Proceedings of the 17th European Symposium on Computer Aided Process Engineering (ESCAPE-17), Computer Aided Chemical Eng., 24, Editors Prof. Valentin Plesu and Prof. Paul Serban Agachi, Bucharest, Romania, ISBN 978-0-444-53158-2, 27-30 May 2007	3	6,67
25	Savopol T., Kovacs E., Iacob N., Martin D., Bajenaru L., Miclaus S. , <i>Lipid phase transition temperature modifications by microwave irradiation of model membranes</i> , 6th EBSA & British Biophysical Society Congress July 14 - 18 2007, Imperial College, London, U.K., published in European Biophysics Journal, vol. 36, suppl.1/July 2007, pag.86, ISSN: 0175-7571 (print) 1432-1017 (Online), Springer, 2007.	6	3,33
26	Miclaus S. , Bechet P., Olariu O.V., Demeter S., <i>Computation of radiofrequency field deposition in biological exposed models by an analytical method</i> , Romanian Journal of Biophysics, Publishing House of the Romanian Academy, vol.15, no.1-4, pp. 47-54, ISSN: 1220-515X, Bucharest, 2005	4	5,00
27	Racuciu M., Creanga D.E., Miclaus S. , <i>The absorption of electromagnetic energy in mammal tissues</i> , Analele Stiintifice ale Universitatii Al. I. Cuza din Iasi Tomul II, s. Biofizică, Fizică medicală și Fizica mediului, pp.9-14, 2006	3	6,67
28	Miclaus S. , Bechet P., Demeter S., Olariu O., <i>Modulation influence on RF fields power deposition inside biological objects: a dosimetric analysis on layered planar and spherical models</i> , The 11 th International Congress of the International Radiation protection Association, 23 - 28 May, Madrid, Spain, 2004	4	5,00
29	Miclaus S. , Bechet P., Gheorghe V., Demeter S., <i>Microwave pulses absorption in layered planar models of biological structures</i> , 2nd International Workshop "Biological Effects of Electromagnetic Fields", Rhodes, Greece, October 7–11, pp. 855–864, 2002	4	5,00
30	Bechet P., Demeter S., Mitran R., Miclaus S. , <i>Some aspects about frequency hopping radio networks</i> , Scientific Bulletin of the Politehnica University of Timisoara, ISSN 1583-3380, ETc. 2004, 22-23 Oct., pp. 431-433, 2004	4	5,00
Total 2.2			184,00

Granturi / proiecte castigate prin competitie - director/responsabil de proiect (criteriul 2.3.1.2)

Nr. Crt.	Referinta	Nr. Ani	Punctaj
1	Grant ANSTI tip T, Studiul absorției de energie electromagnetica în modele de sisteme vii expuse în câmpuri de microunde modulate din instalatiile radar, contract nr. 7061/05.11.2001.	2	20,00
2	Proiect Cercetare de Excelenta - Parteneriate, CERES, Cercetari cu privire la interactia bio-electromagnetica si impactul biologic al expunerii umane in campuri electromagnetice de radiofrecventa si microunde, contract nr. CEX 05-D11-54/10.10.2005	2	20,00
3	Proiect Cercetare de Excelenta - Parteneriate, CERES, Interactia microundelor cu sisteme moleculare si bio-moleculare, contract nr. CEx05-D11-80/P5/10.10.2005	3	30,00
Total 2.3.1.2			70,00

Granturi / proiecte castigate prin competitie - membru in echipa (criteriul 2.3.2.2)

Nr. Crt.	Referinta	Nr. Ani	Punctaj
1	Proiect de cercetare, programul Parteneriate in domenii prioritare, Predicții de propagare ionosferică și comunicații de bandă largă folosind senzori SDR în gama HF pentru suportul informațional în situații de urgență pe teritoriul României, competitia PCCA 2013, contract 292/2014.	2	4,00
2	Proiect de cercetare exploratorie, Program Idei, Cercetari cu privire la optimizarea capabilitatilor sistemelor radio tactice integrate în medii de comunicatii standardizate, competitie 2007, contract 367/01.10.2007.	3	6,00
3	Grant ANSTI tip C, Contributii la studiul si dezvoltarea structurilor de sintetizoare de frecventa in aplicatii specifice, contract nr. 7062/05.11.2001	2	4,00
4	Grant CNC SIS tip A, Aplicarea unor metode computationale pentru determinari dozimetrice ale campului de radiofrecventa absorbit in modele biologice expuse, contract nr. 32950/22.06.2004 cu act aditional nr. 34679/24.06.2005	2	4,00
5	Proiect de cercetare, Modul III CEE X, Studii pentru dezvoltarea activitatilor de cercetare in domeniul inregistrarilor SAR pentru GMES (SARFORGMES), competitie 2006, contract A 46801/12.09.2006	3	6,00
6	Contract ME dC – Programul „Securitate” - Elaborarea unui instrument decizional destinat optimizarii capabilitatilor la nivel tactic, in domeniul securitatii si apararii nationale, 2005-2006, contract nr. 43/10.11.2005	2	4,00
Total 2.3.2.2			28,00

Recunoastere si impact - citări in reviste si volume ale unor manifestari stiintifice cotate sau indexate ISI (criteriul 3.1.1)

Total 3.1.1

87,50

47

		Nr. Citari	Punctaj
Miclaus S., P Bechet, Estimated and measured values of the radiofrequency radiation power density around cellular base stations, Romanian Journal of Physic, vol 52, no 3/4, pp 429-440, 2007.		14	35
Nr. crt.	Referinta care citeaza		
1	O. Genc, M. Bayrak, E. Yaldiz, Analysis of the effects of GSM bands to the electromagnetic pollution in the RF spectru, Progress in Electromagnetic Research, vol 102, pp 17-32, 2010.		
2	Jesus M. Paniagua, Montana Rufo, Antonio Jimenez, Alicia Antolin, The spatial statistics formalism applied to mapping electromagnetic radiation in urban areas, ENVIRONMENTAL MONITORING AND ASSESSMENT, DOI: 10.1007/s10661-012-2555-7, 2012.		
3	Rufo M. Montaña, Paniagua Jesús M., Jiménez Antonio, Antolín Alicia, Exposure to high-frquency electromagnetic fields (100 kHz–2 GHz) in EXTREMADURA (SPAIN), Health Physics: December 2011 - Volume 101 - Issue 6 - pp 739-745, doi: 10.1097/HP.0b013e31821fd1ec.		
4	Alhekail Z.O., Hadi M.A., Alkanhal M.A., Public safety assessment of electromagnetic radiation exposure from mobile base stations, Journal of Radiological Protection, Volume 32 Number 3, 2012, doi:10.1088/0952-4746/32/3/325		
5	Ayinmode, B. O., and I. P. Farai, Study of variations of radiofrequency power density from mobile phone base stations with distance, Radiation protection dosimetry (2013).		
6	Pranas Baltrėnas , Raimondas Buckus, Measurements and analysis of the electromagnetic fields of mobile communication antennas, MEASUREMENT, Volume 46, Issue 10, December 2013, Pages 3942–3949		
7	Levent Seyfi, Measurement of electromagnetic radiation with respect to the hours and days of a week at 100kHz–3GHz frequency band in a turkish dwelling, MEASUREMENT, Volume: 46 Issue: 9 Pages: 3002-3009 DOI: 10.1016/j.measurement.2013.06.021 Published: NOV 2013		
8	Baltrena, Pranas, Buckus Raimondas, Indoor measurements of the power density close to mobile station antenna , Conference: 8th International Conference Environmental Engineering Location: Vilnius, LITHUANIA Date: MAY 19-20, 2011, ENVIRONMENTAL ENGINEERING, VOLS 1-3 Pages: 16-21 Published: 2011		
9	Nitu, Victor; Lojewski, George; Nitu, Smaranda, Electromagnetic evaluation field on an antennas shared site, EUROCON 2009: International IEEE Conference devoted to the 150 anniversary of ALEXANDER S. POPOV, VOLS 1- 4, PROCEEDINGS Pages: 70-75 Published: 2009		
10	Ahma, Luan; Ibrani, Mimoza; Hamiti, Enver, Assessment of SAR in a human exposed to GSM electromagnetic fields, Proceedings of the 13th WSEAS International Conference on Communications Book Series: Recent Advances in Electrical Engineering Pages: 131-135 Published: 2009		
11	Cela, Sanie, et al., An algorithm for processing the measurement results of electromagnetic field near 2G and 3G base stations in Albanian territory, Software, Telecommunications and Computer Networks (SoftCOM), 2013 21st International Conference on. IEEE, 2013.		
12	Buckus, Raimondas, et al. "A technical approach to the evaluation of radiofrequency radiation emissions from mobile telephony base stations." International journal of environmental research and public health 14.3 (2017): 244.		
13	Baltrenas Pranas, Buckus Raimonda, Vasarevicius Saulius, Research and evaluation of the intensity parameters of electromagnetic fields produced by mobile communication antennas,, JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT Volume: 20 Issue: 4 Pages: 273-284 DOI: 10.3846/16486897.2012.738680 Published: 2012		

14	Ibrani Mimoza, Ahma Luan, Hamiti Enver, et al., Exposure assessment in the vicinity of 900 MHz GSM base station antenna, Proceedings of the 11th WSEAS International Conference on Communications, Vol 3: ADVANCES IN COMMUNICATIONS Book Series: ELECTRICAL AND COMPUTER ENGINEERING Pages: 139-143 Published: 2007
----	--

Sandu D.D., Goiceanu C., Ispas A., Creanga I., Miclaus S. , Creanga D.E., A preliminary study on UHF effects on Black Locust chlorophylls, Acta Biologica Hungarica, vol. 56 (1-2), pp.109-117, ISSN 0236-5383, 2005	Nr. Citari	Punctaj
	7	5,8333

Nr. Crt	Referinta care citeaza
1	Balmori, Alfonso; Hallberg, Orjan, The urban decline of the house sparrow (<i>Passer domesticus</i>): A possible link with electromagnetic radiation, ELECTROMAGNETIC BIOLOGY AND MEDICINE Volume: 26 Issue: 2 Pages: 141-151 Published: 2007
2	Sharma, Ved Parkash; Singh, Harminder Pal; Kohli, Ravinder Kumar; et al., Mobile phone radiation inhibits <i>Vigna radiata</i> (mung bean) root growth by inducing oxidative stress, SCIENCE OF THE TOTAL ENVIRONMENT Volume: 407 Issue: 21 Pages: 5543-5547 Published: OCT 15 2009
3	Sharma, Ved Parkash; Singh, Harminder Pal; Batish, Daizy Rani; et al., Cell Phone Radiations Affect Early Growth of <i>Vigna radiata</i> (Mung Bean) through Biochemical Alterations, ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES Volume: 65 Issue: 1-2 Pages: 66-72 Published: JAN-FEB 2010
4	Balmori, Alfonso, Electrosmog and species conservation, SCIENCE OF THE TOTAL ENVIRONMENT, Volume: 496 Pages: 314-316 Published: OCT 15 2014
5	Jayasanka, Senavirathna Mudalige Don Hiranya; Asaeda, Takash, The significance of microwaves in the environment and its effect on plants, ENVIRONMENTAL REVIEWS Volume: 22 Issue: 3 Pages: 220-228 Published: 2014
6	Miyagawa, Kosuke; Tsuchiya, Ryuichi; Shimazaki, Shota; et al., Plant Growth Promotion System using Artificial Lighting - Experimental Setup Realization and Plant Growth Evaluation Method, 36th International Conference on Telecommunications and Signal Processing (TSP) Location: Rome, ITALY Date: JUL 02-04, 2013
7	Singh, Harminder Pal; Sharma, Ved Parkash; Batish, Daizy Rani; et al., Cell phone electromagnetic field radiations affect rhizogenesis through impairment of biochemical processes, ENVIRONMENTAL MONITORING AND ASSESSMENT Volume: 184 Issue: 4 Pages: 1813-1821 Published: APR 2012

Miclaus S. , Bechet P., Bouleanu I. Helbet R., Radiofrequency field distribution assessment in indoor areas covered by Wireless Local Area Networks, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 9 Issue: 1 Pages: 52-55 DOI: 10.4316/aece.2009.01009 Published: 2009	Nr. Citari	Punctaj
	2	2,5

Nr. Crt	Referinta care citeaza
1	Lunca Eduard, David Valeriu, Salceanu Alexandru, et al., Assessing the human exposure due to wireless local area networks in office environments, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 11 Issue: 2 Pages: 385-391 Published: FEB 2012
2	Pachón-García F.T. , K. Fernández-Ortiz, J.M. Paniagua-Sánchez, Assessment of Wi-Fi radiation in indoor environments characterizing the time & space-varying electromagnetic fields, Measurement, Volume 63, Pages 309–321, March 2015

Bechet P., Miclaus S. , Swept versus Real-Time Spectrum Analyzer ability to accurately assess electromagnetic exposure due to wireless communications signals in the environment: an analysis, PIERS Online 7.3 (2011): 276-280.	Nr. Citari	Punctaj
	1	2,5

Nr. Crt	Referinta care citeaza
1	Luca Eduard, David Valeriu, Salceanu Alexandru, et al., Assessing the human exposure due to wireless local area networks in office environments, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 11 Issue: 2 Pages: 385-391 Published: FEB 2012

Miclaus S., Bechet, P., Near field radiofrequency metrology and occupational exposure assessment: In situ measurements and accuracy analysis. In ICECom, 2010 Conference Proceedings (pp. 1-4). IEEE.	Nr. Citari	Punctaj
	1	2,5
Nr. Crt	Referinta care citeaza	
1	Joseph Wout, et al., In situ occupational and general public exposure to VHF/UHF transmission for air traffic communication, Radiation protection dosimetry 151.3 (2012): 411-419.	

Miclaus S., P. Bechet, M. Gheorghevi, Long-term exposure to mobile communication radiation: an analysis of time-variability of electric field level in GSM900 Downlink channels, RADIATION PROTECTION DOSIMETRY Volume: 154 Issue: 2 Pages: 164-173 DOI: 10.1093/rpd/ncs169 Published: APR 2013	Nr. Citari	Punctaj
	5	8,3333
Nr. Crt	Referinta care citeaza	
1	F. T. Pachón-García, J. M. Paniagua-Sánchez, M. Rufo-Pérez, A. Jiménez-Barco, Variability in electromagnetic field levels over time, and Monte-Carlo simulation of exposure parameters, Radiat Prot Dosimetry (2014), doi: 10.1093/rpd/ncu035, First published online: March 3, 2014	
2	F. T. Pachón-García, A. Jiménez-Barco, J. M. Paniagua-Sánchez, M. Rufo-Pérez, New approach based on ANN and RBF for analyzing the spatial distribution of electromagnetic field from an exposure standpoint, Neural Computing and Applications, June 2014, DOI: 10.1007/s00521-014-1638-5	
3	Koprivica, Mladen, et al. "Statistical analysis of electromagnetic radiation measurements in the vicinity of GSM/UMTS base station installed on buildings in Serbia." Radiation protection dosimetry 168.4 (2015): 489-502.	
4	Urbiniello, D., Joseph, W., Verloock, L., Martens, L., & Rössli, M., Temporal trends of radio-frequency electromagnetic field (RF-EMF) exposure in everyday environments across European cities, Environmental Research, 134, 134-142, 2014.	
5	Leen Verloock, Wout Joseph, Francis Goeminne, Luc Martens, Mart Verlaek, and Kim Constandt, Temporal 24-hour assessment of radio frequency exposure in schools and homes, MEASUREMENT, Volume 56, October 2014, Pages 50–57 DOI: 10.1016/j.measurement.2014.06.012.	

Racuciu, M., Miclaus, S., Creanga, D.E., The response of plant tissues to magnetic fluid and electromagnetic exposure, Romanian J. Biophys 19 (2009): 73-82.	Nr. Citari	Punctaj
	5	8,3333
Nr. Crt	Referinta care citeaza	
1	Eren, Pinar; Vardar, Filiz; Birbir, Yasar; et al., CYTOTOXIC EFFECTS OF AN ELECTROMAGNETIC FIELD ON THE MERISTEMATIC ROOT CELLS OF LENTILS (Lens clunaris Medik.), FRESENIUS ENVIRONMENTAL BULLETIN Volume: 19 Issue: 3 Pages: 481-488 Published: 2010	
2	Nair, Remya; Varghese, Saino Hanna; Nair, Baiju G.; et al., Nanoparticulate material delivery to plants, PLANT SCIENCE Volume: 179 Issue: 3 Pages: 154-163 Published: SEP 2010	

3	Kole, Chittaranjan; Kole, Phullara; Randunu, K. Manoj; et al., Nanobiotechnology can boost crop production and quality: first evidence from increased plant biomass, fruit yield and phytomedicine content in bitter melon (<i>Momordica charantia</i>), BMC BIOTECHNOLOGY Volume: 13, Article Number: 37 Published: APR 26 2013
4	Lebedev, S. V.; Korotkova, A. M.; Osipova, E. A., Influence of Fe-0 nanoparticles, magnetite Fe ₃ O ₄ nanoparticles, and iron (II) sulfate (FeSO ₄) solutions on the content of photosynthetic pigments in <i>Triticum vulgare</i> , RUSSIAN JOURNAL OF PLANT PHYSIOLOGY Volume: 61 Issue: 4 Pages: 564-569 Published: JUL 2014
5	Shashurin, M. M.; Prokopiev, I. A.; Shein, A. A.; et al., Physiological responses of <i>Plantago media</i> to electromagnetic field of power-line frequency (50 Hz), RUSSIAN JOURNAL OF PLANT PHYSIOLOGY Volume: 61 Issue: 4 Pages: 484-488 Published: JUL 2014

P. Bechet, S. Miclaus , An improved procedure to accurately assess the variability of exposure to electromagnetic radiation emitted by GSM base station antennas, MEASUREMENT SCIENCE & TECHNOLOGY Volume: 24 Issue: 1 Article Number: 015003 DOI: 10.1088/0957-0233/24/1/015003 Published: JAN 2013		Nr. Citari	Punctaj
		1	2,5
Nr. Crt	Referinta care citeaza		
1	F. T. Pachón-García, J. M. Paniagua-Sánchez, M. Rufo-Pérez, A. Jiménez-Barco, Variability in electromagnetic field levels over time, and Monte-Carlo simulation of exposure parameters, Radiat Prot Dosimetry (2014), doi: 10.1093/rpd/ncu035, First published online: March 3, 2014		

Bechet P., Miclaus S. , A.C. Bechet, Improving the Accuracy of Exposure Assessment to Stochastic-like Radiofrequency Signals, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY Volume: 54 Issue: 5 Pages: 1169-1177 DOI: 10.1109/TEMC.2012.2191290 Published: OCT 2012		Nr. Citari	Punctaj
		5	8,3333
Nr. Crt	Referinta care citeaza		
1	Foster Kenneth R., John E. Moulder, Wi-fi and health: review of current status of research, Health physics 105.6 (2013): 561-575.		
2	Pachón-García, F. T., K. Fernández-Ortiz, and J. M. Paniagua-Sánchez. "Assessment of Wi-Fi radiation in indoor environments characterizing the time & space-varying electromagnetic fields." Measurement 63 (2015): 309-321.		
3	Yang, Wanchun, et al. "The Duty Cycle Analysis for Electromagnetic Field Exposure From WLAN in a Busy Period." IEEE Transactions on Electromagnetic Compatibility 58.6 (2016): 1772-1775.		
4	Yang, Wanchun, et al. "The Duty Cycle Analysis for Electromagnetic Field Exposure From WLAN in a Busy Period." IEEE Transactions on Electromagnetic Compatibility 58.6 (2016): 1772-1775.		
5	Pachón-García F.T. , K. Fernández-Ortiz, J.M. Paniagua-Sánchez, Assessment of Wi-Fi radiation in indoor environments characterizing the time & space-varying electromagnetic fields, Measurement, Volume 63, Pages 309–321, March 2015		

Miclaus S. , P. Bechet, C. Iftode, The application of a channel-individualized method for assessing long term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas, MEASUREMENT Volume: 46 Issue: 3 Pages: 1355-1362 DOI: 10.1016/j.measurement.2012.11.040 Published: APR 2013		Nr. Citari	Punctaj
		2	3,3333
Nr. Crt	Referinta care citeaza		

1	Leen Verloock, Wout Joseph, Francis Goeminne, Luc Martens, Mart Verlaek, and Kim Constandt, Temporal 24-hour assessment of radio frequency exposure in schools and homes, MEASUREMENT, Volume 56, October 2014, Pages 50–57 DOI: 10.1016/j.measurement.2014.06.012.
2	Pachón-García F.T. , K. Fernández-Ortiz, J.M. Paniagua-Sánchez, Assessment of Wi-Fi radiation in indoor environments characterizing the time & space-varying electromagnetic fields, Measurement, Volume 63, Pages 309–321, March 2015

	Miclaus S., Calota V., In Situ Radiofrequency Field Level Assessment int wourban areas in Romania:Open Questions to Electromagnetic Pollution, Environmental Engineering and Management Journal, Vol.9, No. 5, pp. 713-719, May 2010	Nr. Citari	Punctaj
		1	1,6667
Nr. Crt	Referinta care citeaza		
1	Lunca, Eduard; David, Valeriu; Salceanu, Alexandru; et al., ASSESSING THE HUMAN EXPOSURE DUE TO WIRELESS LOCAL AREA NETWORKS IN OFFICE ENVIRONMENTS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 11 Issue: 2 Pages: 385-391 Published: FEB 2012		

	Iftode C., Miclaus S., Design and validation of a TEM cell used for radiofrequency dosimetric studies, Progress In Electromagnetics Research, Vol. 132, 369–388, 2012.	Nr. Citari	Punctaj
		1	2,5
Nr. Crt	Referinta care citeaza		
1	Malak Soueid, Sophie Kohler, Lynn Carr, Sylvia M. Bardet, Rodney P. O'Connor, Philippe Leveque, and Delia Arnaud-Cormos, Electromagnetic Analysis of an Aperture Modified TEM Cell Including an ITO Layer for Real-Time Observation of Biological Cells Exposed to Microwaves, Progress In Electromagnetics Research, Vol. 149, 193–204, 2014		

	Miclaus S., Bechet P., Electromagnetic field strength in the proximity of WLAN devices during data and video files transmission, Electronic Letters, doi: 10.1049/el.2014.0834, vol.50, issue 19, , pp. 1397 – 1399, September 2014	Nr. Citari	Punctaj
		1	2,5
Nr. Crt	Referinta care citeaza		
1	Pachón-García F.T. , K. Fernández-Ortiz, J.M. Paniagua-Sánchez, Assessment of Wi-Fi radiation in indoor environments characterizing the time & space-varying electromagnetic fields, Measurement, Volume 63, Pages 309–321, March 2015		
	Miclaus S., Bechet P., Stratakis D., Exposure Levels Due To WLAN Devices In Indoor Environments Corrected By A Time-Amplitude Factor Of Distribution Of The Quasi-Stochastic Signals, Radiation Protection Dosimetry, DOI 10.1093/rpd/ncu038, first published online, 2014	Nr. Citari	Punctaj
		1	1,6667
Nr. Crt	Referinta care citeaza		

Pachón-García F.T. , K. Fernández-Ortiz, J.M. Paniagua-Sánchez, Assessment of Wi-Fi radiation in indoor
1 environments characterizing the time & space-varying electromagnetic fields, Measurement, Volume 63, Pages
309–321, March 2015

Recunoastere si impact - citări in reviste si volume ale unor manifestari stiintifice - indexate BDI (criteriul 3.1.2)

Total 3.1.2

77,6

63

Nr. crt.	Referinta care citeaza	Nr. Citari	Punctaj
	Miclaus S., P Bechet, Estimated and measured values of the radiofrequency radiation power density around cellular base stations, Romanian Journal of Physics, vol 52, no 3/4, pp 429-440, 2007.	24	36
1	Genç Özgür, Mehmet Bayrak, Ercan Yaldiz, Analysis of the Electromagnetic Pollution for a Pilot Region in Turkey, Journal of Electromagnetic Analysis and Applications 2.3 (2010): 139-144.		
2	Kamo Bexhet, et al., Estimated peak power density in the vicinity of cellular base stations in Albanian territory, Software, Telecommunications and Computer Networks (SoftCOM), 2010 International Conference on. IEEE, 2010.		
3	Ibrani-Pllana, Mimoza, et al., Human exposure assessment in the vicinity of 900 MHz GSM base station antenna, North Atlantic University Union (NAUN) International Journal of Communication (2008): 57-61.		
4	Kamo Bexhet, et al., Estimation of peak power density in the vicinity of cellular base stations, FM, UHF and WiMAX antennas, International Journal of Engineering & Technology 11.2 (2011): 65-71.		
5	Cela, Sanije, et al., Estimation of Simultaneous Exposure to Electromagnetic Radiation of 2G and 3G Base Stations in Albania, Journal of Communication and Computer 9 (2012): 1142-1146.		
6	Al-Bazzaz, Sabah Hawar Saeid, Theoretical Estimation of Power Density Levels around Mobile Telephone Base Stations, Journal of Science & Technology vol 13, no. 2 (2008).		
7	Buckus, Raimondas, and P. Baltrenas, Research and analysis of electromagnetic radiation from mobile telephone base station antennas in residential environment, Microwave Radar and Wireless Communications (MIKON), 2012 19th International Conference on. Vol. 1. IEEE, 2012.		
8	Ayinmode, Bolaji O., and Idowu P. Farai, Measurement and Method in Radiofrequency Radiation Exposure , The Pacific Journal of Science and Technology, Volume 14, Number 2. November/December 2013.		
9	Baltrėnas, Pranas, and Raimondas Buckus, Mobiliju telefonu elektromagnetinio lauko energuos srauto tankio ir jvertinimas, , Science: Future of Lithuania 4.5 (2012).		
10	Ayinmode, Bolaji O., and Idowu P. Farai, Risks Associated with Low Level Radiofrequency Exposure at Close Proximities to Mobile Phone Base Stations, The Pacific Journal of Science and Technology, Volume 14, Number 1, May/June 2013.		
11	Lunca, Eduard, Alexandru Salceanu, and Silviu Ursache, Automated Measurement and Monitoring of the Electromagnetic Fields from GSM Systems, Journal of Clean Energy Technologies 1.3 (2013).		
12	Alkholidi, Abdulsalam, and Fuad Hamamah, Radio frequency radiation measurement from mobile base station at capital of Yemen Sana, 2014, Int. Journal of Applied Sciences and Engineering Research, Vol. 3, Issue 1, 2014.		
13	Ahaneku, Mamilus A., Anthony N. Nzeako, and Udora N. Nwawelu, Assessment of Radiation Variations with Distance in the Vicinity of GSM Base Stations Antenna, International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April-2014.		
14	Marin, G., et al., Assessment of the Need for Protection against Electromagnetic Radiation of Personnel Onboard Warships, International Conference on Advancements of Medicine and Health Care through Technology; 5th–7th June 2014, Cluj-Napoca, Romania. Springer International Publishing, 2014.		
15	Sow, Bocar, and Abdourahmane Raimy, Revue des differentes methodes d'estimation de l'exposition aux radiofrequences dans le voisinage d'une antenne de station de base GSM, Journal des Sciences, ISSN 0851 – 4631, Vol. 14, No. 2 (Juin 2014) 20-27.		
16	Karadağ T, Özdemir AR, Abbasov T, İnönü Üniversitesi Yerleşkesinde Dönemsel Elektromanyetik Kirlilik Ölçüm Değerleri ve Haritaları, EMANET 2013, İstanbul, Türkiye: 2013;2:12.		

17	KARADAĞ, Teoman, and Teymuraz ABBASOV, Bir Üniversite Hastanesi Binası ve Çevresinde Elektromanyetik Alan Ölçümleri, EMANET 2013, İstanbul, Türkiye: 2013.
18	KARADAĞ, Teoman, Ali Rıza ÖZDEMİR, and Teymuraz ABBASOV, Malatya Şehir Merkezi ve Yakın Bölgelerinde Uzun Süreli Elektromanyetik Kirlilik Ölçüm Çalışmaları ve Haritaları, EMANET 2013, İstanbul, Türkiye: 2013.
19	Yinka Ajiboye, Farai I.P, Ayinmode B.O, Alao O.A., Hazard estimation from Radiofrequency Radiation in a Nigerian Teaching Hospital from nearby GSM Base-Stations, IOSR Journal of Applied Physics 09/2014; Volume 6 (Issue 5 Ver. 1):40-45.
20	Šuka, D. S., Medjedović, P. S., & Simić, M. I., Procjena vrijednosti parametra SAR u blizini GSM/UMTS baznih stanica, MIPRO 2014/CTI -TELECOMMUNICATIONS AND INFORMATION, May 26-30, 2014, Opatija, Adriatic Coast, Croatia.
21	PhD Thesis, Αβράαμ, Αλέξανδρος. Στατιστική Επεξεργασία Δεδομένων Απο Μετρήσεις Υψίσυχνης Ηλεκτρομαγνητικής Ακτινοβολίας Σε Όλη Την Ελλάδα. (2014).
22	S. Kaigarula, M.Kisangiri and M.M Nyaruba, Review on Measured and Calculated Radio Frequency Radiation Emission From The Base Stations, Journal of Telecommunications, Volume 24, Issue 1, March 2014.
23	Marin, G. Samoilescu, G. ; Baltag, O. ; Radu, S., Assessment of electromagnetic radiation exposure of embarked personnel on Romanian naval ships, Electrical and Power Engineering (EPE), 2014 International Conference and Exposition on, pp.427 - 432, Oct. 2014, DOI 10.1109/ICEPE.2014.6969943
24	Aliyu, I.B., Minna, Nigeria ; Onwuka, E.N. ; Aibinu, A.M., Environmental radio frequency radiation measurement techniques: A review, Electronics, Computer and Computation (ICECCO), 2014 11th International Conference on, Oct. 2014, DOI 10.1109/ICECCO.2014.6997564

Sandu D.D., Goiceanu C., Ispas A., Creanga I., Miclaus S. , Creanga D.E., A preliminary study on UHF effects on Black Locust chlorophylls, Acta Biologica Hungarica, vol. 56 (1-2), pp.109-117, ISSN 0236-5383, 2005	Nr. Citari	Punctaj
	5	2,5

Nr. Crt	Referinta care citeaza
1	Dhawi, F., and J. M. Al-Khayri. "Magnetic field induced biochemical and growth changes in date palm seedlings." Date Palm Biotechnology. Springer Netherlands, 2011. 287-309.
2	Kouzmanova, Margarita., et al. "Do GSM900 electromagnetic fields induce stress in pea plants Pisum sativum L.? li. Testing of possible stress using chlorophyll fluorescence parameters." 6th international workshop on biological effects of electromagnetic fields. Bodrum, Turkey. Vol. 14. 2010.
3	Majd, Ahmad, Leila Amjad, and Azadeh Ghadirianmarnani. "Ultrastructure, Germination And Viability In Pollens Of Achillea Wilhelmsii C. Koch Exposed To Electromagnetic Fields." International Journal of Scientific & Technology Research 2.2 (2013).
4	Krawczyk, A. "Non-thermal, Continuous and Modulated RF Field Effects on Vegetal Tissue Developed from Exposed Seeds." Electromagnetic Field, Health and Environment: Proceedings of EHE'07 29 (2008): 142.
5	Singh, Aman Preet, and Ramneek Kaur. "ELECTROMAGNETIC FIELDS: BIOLOGICAL IMPLICATIONS ON VARIOUS LIFE FORMS." International Journal of Bioassays 3.04 (2014): 2030-2040.

Miclaus S. , Bechet P., Bouleanu I. Helbet R., Radiofrequency field distribution assessment in indoor areas covered by Wireless Local Area Networks, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 9 Issue: 1 Pages: 52-55 DOI: 10.4316/aec.2009.01009 Published: 2009	Nr. Citari	Punctaj
	3	2,25

Nr. Crt	Referinta care citeaza
1	György Thuróczy, Peter Gajsek, Theodoros Samaras, Joe Wiart, Report on the level of exposure (frequency, patterns and modulation) in the European Union, Report D4 of EHFRAN project, 2010.
2	Coca, Eugen, Valentin Popa, Georgiana Buta, Compact fluorescent lamps electromagnetic compatibility measurements and performance evaluation, EUROCON-International Conference on Computer as a Tool (EUROCON), 2011 IEEE. IEEE, 2011.

3	Nematullah Kurd, AbdulMajid Garkaz, Mohsen Aliabadi, , Maryam Farhadian, Public Exposure to Microwave Emissions from Wireless Systems in Hamadan University of Medical Sciences, Journal of Ergonomics, Vol. 1, No. 3, Winter 2014.
---	---

Bechet P., Miclaus S. , Demeter S., Popa, M., Bora M., Continuous and digital modulated radiofrequency fields propagation in planar biological models. In Electromagnetic Compatibility, 2003. EMC'03. 2003 IEEE International Symposium on (Vol. 2, pp. 1241-1244).		Nr. Citari	Punctaj
		1	0,6

Nr. Crt.	Referinta care citeaza
1	Goiceanu C., Danulescu R., Danulescu E., 20 years of bioelectromagnetic research at the institute of public health Iasi: scientific and technical achievements, Rom. J. Biopys, vol 23, Nr 1-2, 2013

Miclaus S. , Bechet P., Demeter S., Olariu O., Modulation Influence on RF Fields Power Deposition Inside Biological Objects: A Dosimetric Analysis on Layered Planar and Spherical Models. In Proceedings of the Internat. Congress of the International Radiation Protection Association, ISBN (pp. 84-87078).		Nr. Citari	Punctaj
		1	0,75

Nr. Crt.	Referinta care citeaza
1	Goiceanu C., Danulescu R., Danulescu E., 20 years of bioelectromagnetic research at the institute of public health Iasi: scientific and technical achievements, Rom. J. Biopys, vol 23, Nr 1-2, 2013

Miclaus S. , Bechet P., Gheorghe V., Demeter S., Microwave pulses absorption in layered planar models of biological structures, 2nd International Workshop "Biological Effects of Electromagnetic Fields", Rhodes, Greece, October 7-11, 2002, pp. 855-864.		Nr. Citari	Punctaj
		1	0,75

Nr. Crt.	Referinta care citeaza
1	Goiceanu C., Danulescu R., Danulescu E., 20 years of bioelectromagnetic research at the institute of public health Iasi: scientific and technical achievements, Rom. J. Biopys, vol 23, Nr 1-2, 2013

Miclaus S. , Bechet P., Olariu O., Demeter S., Computation of radiofrequency field deposition in biological exposed models by an analytical method, Romanian J. Biophys., 2005, 15, 47-54.		Nr. Citari	Punctaj
		1	0,75

Nr. Crt.	Referinta care citeaza
1	Goiceanu C., Danulescu R., Danulescu E., 20 years of bioelectromagnetic research at the institute of public health Iasi: scientific and technical achievements, Rom. J. Biopys, vol 23, Nr 1-2, 2013

Miclaus S. , Bechet P., Aspects regarding radiofrequency radiation exposure of population in Romania, Biological Effects of EMFs 4th International Workshop, Crete, Greece, pp.1077-1086 October 16th-20th 2006.		Nr. citari	Punctaj
		1	1,5

Nr. Crt.	Referinta care citeaza
1	G. Atanasova, N. T. Atanasov, An investigation of EMF power density distribution from GSM/UMTS base stations in urban area, 6th International Workshop on Biological Effects of Electromagnetic Fields, Bodrum, 10- 14 octomber 2010, Turkey.

Miclaus S. , Bechet P., Demeter S., Determining the radiofrequency power distribution absorbed into a spherical biological model, Sci. Bul. "Nicolae Balcescu" Land Forces Academy, Sibiu, 1 (2004).		Nr. Citari	Punctaj
		2	2

Nr. Crt.	Referinta care citeaza
1	Jeler Grigore, The Geometrical Simplified Model for Study of the Electromagnetic Field Absorption in a Human Head when Using a Cell Phone, MTA review, Vol. XXIII, No. 1, pp. 47-60, Mar. 2013.

2	Sotir A., Balagiu A., Daciu I., Baci A., Patroi E., A physical electric model of the human body exposed to the action of the electromagnetic environment aboard a navy ship, Buletinul Stiintific Politehnic din Iasi, Universitatea Tehnica "Gheorghe Asachi", Tomul LVIII, Fasc. 3, 2012, Sectia Electrotehnica, Energetica, Electronica.
---	---

P. Bechet, S. Miclaus , A.C. Bechet, Improving the Accuracy of Exposure Assessment to Stochastic-like Radiofrequency Signals, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY Volume: 54 Issue: 5 Pages: 1169-1177 DOI: 10.1109/TEMC.2012.2191290 Published: OCT 2012		Nr. Citari	Punctaj
		1	1
Nr. Crt.	Referinta care citeaza		
1	He, Qing Qing, Wan Chun Yang, Yan Xia Hu, Accurate Method to Estimate EM Radiation from a GSM Base Station, Progress In Electromagnetics Research M 34 (2014): 19-27.		

S. Miclaus, P. Bechet, M. Gheorghevici, Long-term exposure to mobile communication radiation: an analysis of time-variability of electric field level in GSM900 Downlink channels, RADIATION PROTECTION DOSIMETRY Volume: 154 Issue: 2 Pages: 164-173 DOI: 10.1093/rpd/ncs169 Published: APR 2013		Nr. Citari	Punctaj
		1	1
Nr. Crt.	Referinta care citeaza		
1	He, Qing Qing, Wan Chun Yang, Yan Xia Hu, Accurate Method to Estimate EM Radiation from a GSM Base Station, Progress In Electromagnetics Research M 34 (2014): 19-27.		

P. Bechet, S. Miclaus , An improved procedure to accurately assess the variability of exposure to electromagnetic radiation emitted by GSM base station antennas, MEASUREMENT SCIENCE & TECHNOLOGY Volume: 24 Issue: 1 Article Number: 015003 DOI: 10.1088/0957-0233/24/1/015003 Published: JAN 2013		Nr. Citari	Punctaj
		2	3
Nr. Crt.	Referinta care citeaza		
1	He, Qing Qing, Wan Chun Yang, Yan Xia Hu, Accurate Method to Estimate EM Radiation from a GSM Base Station, Progress In Electromagnetics Research M 34 (2014): 19-27.		
2	Bocar Sow et Abdourahmane Raimy, Revue des differentes methodes d'estimation de l'exposition aux radiofrequences dans le voisinage d'une antenne de station de base GSM, Journal des Sciences, Vol. 14, N° 2 (Juin 2014) 20-27		

S. Miclaus, P. Bechet, C. Iftode, The application of a channel-individualized method for assessing long-term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas, MEASUREMENT Volume: 46 Issue: 3 Pages: 1355-1362 DOI: 10.1016/j.measurement.2012.11.040 Published: APR 2013		Nr. Citari	Punctaj
		1	1
Nr. Crt.	Referinta care citeaza		
1	Bocar Sow et Abdourahmane Raimy, Revue des differentes methodes d'estimation de l'exposition aux radiofrequences dans le voisinage d'une antenne de station de base GSM, Journal des Sciences, Vol. 14, N° 2 (Juin 2014) 20-27		

Racuciu M., Miclaus S. , Creanga D.E., The response of plant tissues to magnetic fluid and electromagnetic exposure, Romanian J. Biophys 19, 73-82, 2009		Nr. Citari	Punctaj
		12	12
Nr. crt.	Referinta care citeaza		
1	Remya Nair, Saino Hanna Varghese, Baiju G. Nair, T. Maekawa, Y. Yoshida, D. Sakthi Kumar, Nanoparticulate material delivery to plants, Plant Science, Volume 179, Issue 3, Pages 154-163, September 2010		

2	Serban F. Peteu, Florin Oancea, Oana A. Siciua, Florica Constantinescu and Sorina Dinu, Responsive Polymers for Crop Protection, <i>Polymers</i> 2010, 2(3), 229-251; doi:10.3390/polym2030229, 2010
3	S Yalçın, G Erdem, Biological effects of electromagnetic fields, <i>African Journal of Biotechnology</i> , vol. 11, no.17, 2012
4	Helal Ragab Moussa, The Impact of Magnetic Water Application for Improving Common Bean (<i>Phaseolus vulgaris</i> L.) Production, <i>New York Science Journal</i> , 2011; 4(6)
5	Elena Masarovičová, Katarína Kráľová, Metal Nanoparticles and Plants / Nanocząstki Metaliczne I Rośliny, <i>Ecological Chemistry and Engineering S</i> , 20,1, March 2013
6	Parthasarathi, T, Phytotoxicity of nanoparticles in agricultural crops, <i>Green Technology and Environmental Conservation (GTEC 2011)</i> , 2011 International Conference on, Dec. 2011
7	Pınar Eren, Filiz Vardar, Yaşar Birbir, Deniz İnan and Meral Ünal, CYTOTOXIC EFFECTS OF AN ELECTRO-MAGNETIC FIELD ON THE MERISTEMATIC ROOT CELLS OF LENTILS (<i>Lens clunaris</i> Medik.), <i>Fresen. environ. Bull</i> , 2010
8	El-Sayed, H. E. S. A., Impact of magnetic water irrigation for improve the growth, chemical composition and yield production of broad bean (<i>Vicia faba</i> L.) plant., <i>American Journal of Experimental Agriculture</i> Vol. 4 No. 4 pp. 476-496, 2014
9	Bhupinder Singh Sekhon, Nanotechnology in agri-food production: an overview, <i>Nanotechnology, Science and Applications</i> , 20 May 2014
10	M. M. Shashurin, I. A. Prokopiev, A. A. Shein, G. V. Filippova, A. N. Zhuravskaya, Physiological responses of <i>Plantago media</i> to electromagnetic field of power-line frequency (50 Hz), <i>Russian Journal of Plant Physiology</i> July 2014, Volume 61, Issue 4, pp 484-488
11	S. V. Lebedev, A. M. Korotkova, E. A. Osipova, Influence of Fe0 nanoparticles, magnetite Fe3O4 nanoparticles, and iron (II) sulfate (FeSO4) solutions on the content of photosynthetic pigments in <i>Triticum vulgare</i> , <i>Russian Journal of Plant Physiology</i> , July 2014, Volume 61, Issue 4, pp 564-569
12	M. M. Shashurin, I. A. Prokopiev, A. A. Shein, G. V. Filippova, A. N. Zhuravskaya, Physiological responses of <i>Plantago media</i> to electromagnetic field of power-line frequency (50 Hz), <i>Russian Journal of Plant Physiology</i> July 2014, Volume 61, Issue 4, pp 484-488

Morega M., Miclaus S. , Machedon A., Analysis of the electromagnetic field in a controlled enclosure for biological dosimetry, <i>Rev. Roum. Sci. Techn.---Électrotechn. et Énerg</i> 52 (2), 225-235, 2008		Nr. Citari	Punctaj
		2	2
Nr. crt.	Referinta care citeaza		
1	B. Ilie, D. Rafiroiu, Experimental and Computational Study of the Temperature Distribution at the Surface of a Metallic Implant Exposed to High Frequency Electromagnetic Fields, <i>International Conference on Advancements of Medicine and Health Care through Technology</i> ; 5th – 7th June 2014, Cluj-Napoca, Romania IFMBE Proceedings Volume 44, 2014, pp 295-300		
2	Goiceanu C., Danulescu R., Danulescu E., 20 years of bioelectromagnetic research at the institute of public health Iasi: scientific and technical achievements, <i>Rom. J. Biophys</i> , vol 23, Nr 1-2, 2013		

Racuciu M., Miclaus S. , Low-level 900 MHz electromagnetic field influence on vegetal tissue, <i>Romanian J. Biophys</i> 17, 149-156, 2007		Nr. Citari	Punctaj
		5	7,5
Nr. crt.	Referinta care citeaza		
1	Alexis Mari Pietak, Structural evidence for electromagnetic resonance in plant morphogenesis, <i>Biosystems</i> , Volume 109, Issue 3, September 2012, Pages 367–380		

2	Peeraya Jinapang, Panida Prakob, Pongtorn Wongwattananard, Naz E. Islam and Phumin Kirawanich, Growth characteristics of mung beans and water convolvuluses exposed to 425-MHz electromagnetic fields, Bioelectromagnetics Volume 31, Issue 7, pages 519–527, October 2010
3	Audrius RADZEVIČIUS, Sandra SAKALAUSKIENĖ, Mindaugas DAGYS, Rimantas SIMNIŠKIS, Rasa KARKLELIENĖ, Česlovas BOBINAS, Pavelas DUCHOVSKIS, The effect of strong microwave electric field radiation on: (1) vegetable seed germination and seedling growth rate, Zemdirbyste-Agriculture, vol. 100, No. 2 (2013), p. 179–184 DOI 10.13080/z-a.2013.100.023
4	MIHAELA MOREGA , ALEXANDRU MIHAIL MOREGA, ANALYSIS OF THE ELECTROMAGNETIC FIELD IN A CONTROLLED ENCLOSURE FOR BIOLOGICAL DOSIMETRY PART 2. ANALYSIS OF ELECTROMAGNETIC FIELD WORKING CONDITIONS, Rev. Roum. Sci. Techn. – Électrotechn. et Énerg., 53, 3, p. 329–338, Bucarest, 2008
5	Senavirathna Mudalige Don Hiranya Jayasanka, Takashi Asaeda, The significance of microwaves in the environment and its effect on plants, Environmental Reviews, 2014, 22(3): 220-228, 10.1139/er-2013-0061

L Tugulea, S Miclaus, S Pascanu, Chlorophyl A—a suitable biomaterial for monitoring the electromagnetic influence at molecular level, Proc. 22th Annual Meeting Eur. Bioelectromagnetics Ass., Munich, 2000		Nr. Citari	Punctaj
		3	3
Nr. crt.	Referinta care citeaza		
1	M. Rochalska and K. Grabowska, Influence of magnetic fields on the activity of enzymes: - and -amylase and glutathione S-transferase (GST) in wheat plants, Int. Agrophysics, 2007, 21, 185-188		
2	J. Podleceny, L.E. Misiak, A. Podlecena, and S. Pietruszewski, Concentration of free radicals in pea seeds after pre-sowing treatment with magnetic field, Int. Agrophysics, 2005, 19, 243-249		
3	M. Rochalska, K. Grabowska-Topczewska*, and A. Mackiewicz, Influence of alternating low frequency magnetic field on improvement of seed quality, Int. Agrophys., 2011, 25, 265-269		

Membru in colective de redactie, comitete stiintifice, organizator manifestari stiintifice internationale indexate, recenzor reviste (criteriul 3.3.1)

Nr. Crt.	Referinta	Punctaj
1	Membru in comitetul stiintific, International Scientific Conference KBO 2009 "Knowledge- Based Organization", Academia Fortelor Terestre, Sibiu, conferinta indexata ISI	10,00
2	Membru in comitetul stiintific, International Scientific Conference KBO 2010- "Knowledge- Based Organization", Academia Fortelor Terestre, Sibiu, conferinta indexata ISI	10,00
3	Recenzor revista cotata ISI: Progress in Electromagnetic Research	10,00
4	Recenzor revista cotata ISI: Measurement	10,00
5	Recenzor revista cotata ISI: Scientific Research and Essays	10,00
6	Recenzor revista cotata ISI: Neural Computing and Applications	10,00
7	Recenzor revista cotata ISI: International Journal of Occupational Safety and Ergonomics	10,00
8	Recenzor revista cotata ISI: Journal of Biological Physics	10,00
9	Recenzor revista cotata ISI: Environmental Engineering and Management Journal (EEMJ)	10,00
10	Recenzor revista cotata ISI: Journal of Electromagnetic Analysis and Applications (JEMAA)	10,00
11	Recenzor revista cotata ISI: Journal of Visualized Experiments (JoVE)	10,00
Total 3.3.1		110,00

Membru colective de redactie, comitete stiintifice, organizator manifestari stiintifice internationale indexate BDI, recenzor reviste BDI (criteriul 3.3.2)

Nr. Crt.	Referinta	Punctaj
1	Membru in consiliul editorial al Buletinului Stiintific al Academiei Fortelor Terestre, ISSN 2247-8396, ISSN-L 1224-5178 - revista indexata BDI (http://www.armyacademy.ro/buletin/bord.html)	6,00
2	Membru in comitetul stiintific al EEA Journal - Electrotehnică, Electronică, Automatică, Print ISSN 1582-5175, ISSN 2392 – 828X, ISSN–L 1582 – 5175, revista indexata BDI (http://www.eea-journal.ro/ro/p/EEA)	6,00
3	Recenzor - Buletinul Stiintific al Academiei Fortelor Terestre "Nicolae Balcescu"	6,00
	Total 3.3.2	18,00

Membru colective de redactie, comitete stiintifice, organizator manifestari stiintifice internationale si nationale, neindexate (criteriul 3.3.3)

Nr. Crt.	Referinta	Punctaj
1	Membru in comitetul de program al celui de al 7lea Workshop International de Compatibilitate Electromagnetica CEM 2010, Odorheiu Secuiesc, septembrie 2010 (http://www.icpe-ca.ro/cem2010/ro/comitetul-de-program/)	3,00
2	Membru in comitetul de program al celui de al 8lea Workshop International de Compatibilitate Electromagnetica CEM 2012, Sibiu, septembrie 2012 (http://www.icpe-ca.ro/en/cem2012_376)	3,00
3	Organizator principal: MASA ROTUNDA, "COMPATIBILITATEA ELECTROMAGNETICA SI BIOELECTROMAGNETICA – TENDINTE ACTUALE" , ACADEMIA FORTELOR TERESTRE „NICOLAE BALCESCU” – SIBIU, 20 APRILIE 2010 (http://www.acero.ro/program%20masa%20rotunda%2020%20april.pdf)	3,00
4	Membru in colectivul de redactie al "Buletinul ACER" - newsletter al Asociatiei pentru Compatibilitate Electromagnetica din Romania, ICMET Craiova (http://www.acero.ro/Buletin20.pdf)	3,00
5	Membru in comitetul stiintific al "The 17th International Conference The Knowledge-Based Organization" KBO 2011, Academia Fortelor Terestre N. Balcescu, Sibiu, noiembrie 2011 (http://www.armyacademy.ro/english/kbo/2011/progr_KBO_2011.pdf)	3,00
6	Membru in comitetul stiintific al "The 18th International Conference The Knowledge-Based Organization" KBO 2012, Academia Fortelor Terestre N. Balcescu, Sibiu, noiembrie 2012 (http://www.armyacademy.ro/english/kbo/2012/progr_KBO_2012.pdf)	3,00
7	Membru in comitetul stiintific al "The 19th International Conference The Knowledge-Based Organization" KBO 2013, Academia Fortelor Terestre N. Balcescu, Sibiu, iunie 2013 (http://www.armyacademy.ro/english/kbo/2013/progr_KBO_2013.pdf)	3,00
8	Membru in comitetul stiintific al "The 20th International Conference The Knowledge-Based Organization" KBO 2014, Academia Fortelor Terestre N. Balcescu, Sibiu, iunie 2014	3,00
	Total criteriul 3.3.3	24,00

Experienta de management (criteriul 3.4.2)

Nr. Crt.	Referinta	Tipul activitatii	Nr. ani	Punctaj
1	membru in Senatul Academiei Fortelor Terestre	membru	2	4,00
Total 3.4.2				4,00

Referent in comisii de doctorat la nivel national (criteriul 3.5.2)

Nr. Crt.	Referinta	Punctaj
1	Doctorand in Inginerie electrica: Vasile Pompas; teza: „CERCETARI SI REALIZARI PRIVIND ECHIPAMENTELE DE TRATAMENT ONCOLOGIC PRIN HIPERTERMIE”, Universitatea Tehnica din Cluj Napoca, Facultatea de Inginerie Electrica, octombrie 2010	5,00
2	Doctorand in Inginerie electrica: Mircea Valer Pușcă; teza: „STUDII ȘI CERCETĂRI PRIVIND REALIZAREA UNUI ECHIPAMENT TELEMETRIC DE MONITORIZARE A SEMNALULUI ECG”, Universitatea Tehnica din Cluj Napoca, Facultatea de Inginerie Electrica, septembrie 2012	5,00
3	Doctorand in Fizica: Mariana Mirela Ciofalcă (Stănescu); teza: "ABORDAREA INTERDISCIPLINARĂ A SEMNALELOR BIOELECTRICE", Universitatea din Bucuresti, Facultatea de Fizica, octombrie 2012	5,00
4	Doctorand in Inginerie Electronică si Telecomunicatii: Cora Iftode; teza: "CONTRIBUȚII LA DOZIMETRIA DE RADIOFRECVENȚĂ ÎN EXPUNERILE CONTROLATE ALE PROBELOR BIOLOGICE", Universitatea Politehnica din Timisoara, Facultatea de Electronica si Telecomunicatii, noiembrie 2012	5,00
5	Doctorand in Inginerie electrica: Annamaria Paljanos; teza: „EVALUAREA EXPUNERII UMANE AMBIENTALE ȘI PROFESIONALE LA SURSE DE RADIOCOMUNICAȚII”, Universitatea Tehnica din Cluj Napoca, Facultatea de Inginerie Electrica, septembrie 2016	5,00
Total 3.5.2		25,00

Premii in domeniul ASAS, AOSR, academiei ramura si CNCS (criteriul 3.6.2)

Nr. Crt.	Referinta	Punctaj
1	Premiul CNCS 2008/ Premiara rezultatelor cercetarii: Dabala D., Surcel D., Szanto C., Miclaus S., Botoc M., Toader S., Rotaru O., Cellular response in experimental exposure to electromagnetic fields, Revue Roumaine des Sciences Techniques. - Série: Électrotechnique et énergétique, tome 53, no 2, pp.21-29, Bucharest, 2008	15,00
2	Premiul CNCS 2008/ Premiara rezultatelor cercetarii: Morega M., Miclaus S., Machedon A., Analysis of the Electromagnetic Field in a controlled enclosure for biological dosimetry, Revue Roumaine des Sciences Techniques. - Série: Électrotechnique et énergétique, tome 53, no 2, pp. 225-235, Bucharest, 2008	15,00
3	Premiul CNCS 2009/ Premiara rezultatelor cercetarii: Miclaus S., Bechet P., Bouleanu I. Helbet R., Radiofrequency field distribution assessment in indoor areas covered by Wireless Local Area Networks, Advances in Electrical and Computer Engineering, vol. 9 (16), no.1, 2009	15,00
4	Premiul CNCS 2012/ Premiara rezultatelor cercetarii: Iftode C., Miclaus S., Design And Validation Of A Tem Cell Used For Radiofrequency Dosimetric Studies, PROGRESS IN ELECTROMAGNETIC RESEARCH – PIER, vol. 132, pp.369-388, 2012	15,00
5	Premiul CNCS 2013/ Premiara rezultatelor cercetarii: P. Bechet, S. Miclaus, An improved procedure to accurately assess the variability of exposure to electromagnetic radiation emitted by GSM base station antennas, MEASUREMENT SCIENCE & TECHNOLOGY Volume: 24 Issue: 1, JAN 2013	15,00
6	Premiul CNCS 2013/ Premiara rezultatelor cercetarii: Miclaus S., P. Bechet, C. Iftode, The application of a channel-individualized method for assessing long-term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas, MEASUREMENT Volume: 46 Issue: 3 Pages: 1355-1362, APR 2013	15,00
Total 3.6.2		90,00

Premii in domeniu - nationale (criteriul 3.6.4)

Nr. Crt.	Referinta	Punctaj
1	"EMBLEMA DE ONOARE A STATULUI MAJOR AL FORTELOR TERESTRE" PENTRU PROMOVAREA PROGRAMELOR DE CERCETARE STIINTIFICA DE EXCELENTA DIN ACADEMIA FORTELOR TERESTRE LA NIVEL EUROPEAN, 31 MAI 2007.	5,00
2	PREMIUL II AL AGENTIEI NATIONALE PENTRU CERCETARE STIINTIFICA DIN ROMANIA PE ANUL 2007 LA SECTIUNEA "PROIECTE DE CERCETARE IN PARTENERIAT", CA RESPONSABIL DE PROIECT LA PARTENER, PENTRU PROIECTUL "INTERACTIA MICROUNDELOR CU SISTEME MOLECULARE SI BIOMOLECULARE" COORDONAT DE INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE SI MOLECULARE DIN CLUJ NAPOCA.	5,00
3	Premiul II al Statului Major al Fortelor Terestre pe anul 2014 – SECTIUNEA CERCETARE	5,00
Total 3.6.4		15,00

Conducere asociatii, consilii, organizatii nationale (criteriul 3.7.3)

Nr. Crt.	Referinta	Punctaj
1	Membru in consiliul director al Societatii Romane de Protectie impotriva Radiatiilor Ne-Ionizante (SRPRNI)	10,00
	Total 3.7.3	10,00

Membru in asociatii profesionale internationale (criteriul 3.7.4)

Nr. Crt.	Referinta	Punctaj
1	Membru deplin al European BioElectromagnetics Association (EBEA)	5,00
	Total 3.7.4	5,00

Membru in asociatii profesionale nationale (criteriul 3.7.5)

Nr. Crt.	Referinta	Punctaj
1	Membru al Romanian Association of Electromagnetic Compatibility (ACERO)	2,00
	Total 3.7.5	2,00