Universitatea Tehica din Cluj-Napoca
Facultatea de Instalatii
Departamentul de Ingineria Instalatiilor

Nume si prenume: Buzdigan Mircea Ion

COMISIA INGINERIE ELECTRICĂ

Standarde minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învăţământul superior şi a gradelor profesionale de cercetare-dezvoltare

Nr. Crt	Domeniul activitatilor	Tipul activitatilor	Categorii si restrictii	Subcategorii	Indicatori (kpi)	Numar	Punctaj
1	Activitatea didactică şi profesională (A1)	1.1 Cărţi şi capitole în cărţi de specialitate	1.1.1 Cărţi cu ISBN/capitole ca autor didactice sau monografii pentru profesor/CS I minimum 4; conferenţiar/CS II minimum 2	1.1.1.1 Internationale	nr. pagini/ (2*nr. Autori)	2	7,41666667
				1.1.1.2 nationale	nr. pagini/ (5*nr. Autori)	2	77,8
			1.1.2 Cărţi/capitole de cărţi ca editor/coordonator	1.1.2.1 Internationale	nr. pagini/ (3*nr. Autori)	1	98,3333333
				1.1.2.2 nationale	nr. pagini/ (7*nr. Autori)	1	4,25714286
		1.2 Suport didactic	1.2.1 Suport de curs inclusiv electronic pentru profesor/CS I: minimum 2 din care 1 ca prim-autor; pentru conferenţiar/CS II: minimum 1		nr. pagini/ (10*nr. autori)	2	39,5
			1.2.2 Îndrumare de laborator/aplicaţii; pentru profesor/CS I - minimum 2, din care 1 prim-autor; conferenţiar/CS II- minimum 1		nr. pagini/ (20*nr. autori)	2	9,5
		1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS etc.)	Punctaj unic pentru fiecare activitate		10	17	190
2	Activitatea de cercetare (A2)	2.1 Articole în extenso în reviste cotate şi în volume proceedings indexate ISI Thomson-Reuters*), brevete de invenţie***)	Minimum 8 pentru profesor/CS I; Minimum 5 pentru conferenţiar/CS II		(25 + 20 * factor impact)/ nr. de autori	26	264,995
		2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale**)	Minimum 16 pentru profesor/CS I; Minimum 8 pentru profesor/CS I		20/nr. de autori	30	157,333333
		2.3 Granturi/proiecte câştigate prin competiţie	2.3.1 Director/responsabil - minimum 2 pentru profesor/CS I; minimum 1 pentru conferenţiar/CS II	2.3.1.1 internaţionale	20*ani de desfăşurare	0	0
				2.3.1.2 naţionale	10*ani de desfăşurare	16	90
			2.3.2 Membru în echipă	2.3.2.1 internaţionale	4*ani de desfăşurare	0	0
				2.3.2.2 naţionale	2*ani de desfăşurare	30	60
		2.4 Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2 000 euro)	2.4.1 Responsabil		5*ani de desfăşurare	2	20
			2.4.2 Membru echipă		2*ani de desfăşurare	0	0
		3.1 Citări în reviste şi volumele conferinţelor ISI şi BDI		3.1.1 ISI	5 / nr aut art. citat	13	29,5833333
				3.1.2 BDI	3 / nr aut art. citat	21	55,7
		3.2 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	3.2.1 Internationale	20	0	0
				3.2.2 nationale	5	0	0
		3.3 Membru în colectivele de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale (punctajul se acordă pentru fiecare revistă, manifestare ştiinţifică şi recenzie)	Punctaj unic pentru fiecare activitate	3.3.1 ISI	10	10	30
				3.3.2 BDI	6	9	36
				3.3.3 naţionale şi internaţionale neindexate	3	3	33

3	Recunoaşterea impactului activ (A3)	3.4 Experienţa de management		3.4.1 Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director şcoală doctorală, director, director adj., şef secţie)	5* nr. Ani	21	155
				3.4.2 Membru organisme conducere (senat, consiliul facultăţii, consiliu departament, consiliu de administraţie, consiliu ştiinţific)	2*nr. ani	13	40
		3.5 Referent în comisii de doctorat		3.5.1 internaţionale	10	0	0
				3.5.2 naţionale	5	1	10
		*3.6 ****Premii*		*Academia Română*	*30*	0	0
				ASAS, AOSR, academii de ramură şi CNCS	*15*	1	15
				premii internaţionale	*10*	0	0
				premii naţionale în domeniu	*5*	0	0
		*3.7 ****) Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării*	*3.7.1 Academia Română*		*100*	0	0
			3.7.2 ASAS, AOSR şi academii de ramură		*30*	0	0
			3.7.3 Conducere asociaţii profesionale	*internaţionale*	*30*	0	0
				naţionale	*10*	1	10
			3.7.4 Asociaţii profesionale	*internaţionale*	*5*	1	5
				naţionale	*2*	1	2
			3.7.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării	*internaţionale*	*15*	0	0
				naţionale	*10*	0	10
					TOTAL		1450,41881

*) Conform situaţiei curente de pe site-ul ISI THOMSON REUTERS.

**) Bazele de date internaţionale (BDI) luate în considerare pentru articolele publicate în reviste şi publicate în volumele unor manifestări ştiinţifice, cu excepţia articolelor publicate în reviste cotate ISI, sunt cele recunoscute pe plan ştiinţific internaţional: Scopus, IEEE Xplore, Elsevier Science Direct, Engineering Village, Compendex, Inspec, Springerlink, Cabi, EBSCO, CSA ILLUMINA/PROQUEST, Index Copernicus si Ulrich's

***) Pentru grila domeniului Ing. Energetica punctarea brevetelor: 35 puncte -international, 25 puncte - national fara impartire la nr. autori.
****) Criteriu optional.

	Punctaj realizat
Activitatea didactică şi profesională (A1)	426,8071429
Activitatea de cercetare (A2)	592,3283333
Recunoaşterea impactului activ (A3)	431,2833333
TOTAL	1450,41881

SCOR	2,417364683

Comisia de analiză a dosarelor confirmă îndeplinire standardelor minimale.

Subsemnatul certific ca toate datele sunt corecte, ca alocarea pe tipuri de activitati, categorii si subcategorii este justificata, ca puncatjele sunt corecte si imi asum acestea prin semnatura.

Data **10.06.2019**

Nume, prenume **Buzdugan Mircea Ion**

Semnatura

Universitatea Tehica din Cluj-Napoca
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Departamentul de Ingineria Instalatiilor

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Standarde minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învăţământul superior şi a gradelor profesionale de cercetare-dezvoltare

Nr. Crt	Domeniul activitatilor	Tipul activitatilor	Categorii si restrictii		Indicatori (kpi)	Numar	Punctaj
1	Activitatea didactică şi profesională (A1)	1.1 Cărţi şi capitole în cărţi de specialitate	1.1.1 Cărţi cu ISBN/capitole ca autor didactice sau monografii pentru profesor/CS I minimum 4; conferenţiar/CS II minimum 2	1.1.1.1 Internationale	nr. pagini/ (2*nr. Autori)	2	7,416666667
				1.1.1.2 nationale	nr. pagini/ (5*nr. Autori)	2	77,8
			1.1.2 Cărţi/capitole de cărţi ca editor/coordonator	1.1.2.1 Internationale	nr. pagini/ (3*nr. Autori)	1	98,33333333
				1.1.2.2 nationale	nr. pagini/ (7*nr. Autori)	1	4,257142857
		1.2 Suport didactic	1.2.1 Suport de curs inclusiv electronic; pentru profesor/CS I: minimum 2 din care 1 ca prim-autor; pentru conferenţiar/CS II: minimum 1		nr. pagini/ (10*nr. autori)	2	39,5
			1.2.2 Îndrumare de laborator/aplicaţii; pentru profesor/CS I - minimum 2, din care 1 prim-autor; conferenţiar/CS II-minimum 1		nr. pagini/ (20*nr. autori)	2	9,5
		1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS etc.)	Punctaj unic pentru fiecare activitate		10	15	190
					TOTAL A1		426,8071429

1.1.1 Cărţi cu ISBN/capitole ca autor didactice sau monografii

1.1.1.1 Internationale

Nr.	Autori	Titlu capitol / carte	Editura	ISBN	An aparitie	Numar pagini	Numar autori	Punctaj
1	Buzdugan M.I., Balan H.	ARE POWER QUALITY AND ELECTROMAGNETIC COMPATIBILITY DICHOTOMOUS?	Cambridge Scholars Publishing, http://www.cambridgescholars.com/power-quality	ISBN-13: 978-1-4438-9493-7	2016	17	2	4,25
2	Balan, H., Buzdugan, M.I., Karaisas, P.	Fault identification on electrical machines based on experimental analysis(Book Chapter), Lecture Notes in Mechanical Engineering	Springer Science + Business Media, WOS	ISSN:2195-4356E	2014	19	3	3,166666667

7,416666667

1.1.1.2 nationale

Nr.	Autori	Titlu capitol / carte	Editura	ISBN	An aparitie	Numar pagini	Numar autori	Punctaj
1	Mircea Ion Buzdugan	Masini electrice - Principii si aplicatii	UT PRESS	ISBN 978-606-737-164-2	2016	207	1	41,4
3	Mircea Ion Buzdugan	Compatibilitate electromagnetică – Interferenţe conduse	MEDIAMIRA	ISBN 978-973-713-206-2	2008	182	1	36,4
4								0
5								0
6								0

77,8

1.1.2 Cărţi/capitole de cărţi ca editor/coordonator

1.1.2.1 Internationale

Nr.	Editori	Titlu capitol / carte	Editura	ISBN/ISSN	An aparitie	Numar pagini	Numar editori	Punctaj
1	Manuel Perez Donsion, Mircea Ion Buzdugan	Power Quality	Cambridge Scholars Publishing, http://www.cambridgescholars.com/power-quality	ISBN-13: 978-1-4438-9493-7	2016	590	2	98,33333333
2								0

98,33333333

1.1.2.2 Nationale

Nr.	Editori	Titlu capitol / carte	Editura	ISBN/ISSN	An aparitie	Numar pagini	Numar editori	Punctaj
1	Cosmin Chiorean, Nicolae Chira, Cristina Campan, Anca popa, Julietta Domsa, Stefan Gutiu, Vasile Farcas, Ligia Moga, Mircea Buzdugan, ioana Agachi	Proceedings of the International Conference C60-2013	UT PRESS	ISBN 978-973-662-903-7	2013	298	10	4,257142857
2								0
3								0

4,257142857

1.2 Suport didactic

1.2.1 Suport de curs inclusiv electronic

Nr.	Autori	Curs	Editura/Atelier multiplicare	Dovada	An aparitie	Numar pagini	Numar autori	Punctaj
1	Mircea Ion Buzdugan	Elemente de masini electrice	UT PRESS	ISBN 978-973-662-226-7	2006	148	1	14,8
2	Mircea Ion Buzdugan	Elemente de calitate a energiei electrice si compatibilitate electromagnetica	MEDIAMIRA	ISBN 978-606-737-164-2	2016	247	1	24,7
3								0
4								0

39,5

1.2.2 Îndrumare de laborator/aplicaţii

Nr.	Autori	Laborator/aplicaţii	Editura/Atelier multiplicare	Dovada	An aparitie	Numar pagini	Numar autori	Punctaj
1	Mircea Ion Buzdugan	Masini electrice - Indrumator de lucrari de laborator	UT PRESS	ISBN 978-606-737-165-9	2016	160	1	8
2	Iudean Dan, Radu Munteanu jr., Mircea Buzdugan, Eudor Flueras, Alexandru Cretu	Masurari electrice si electronice -indrumator de laborator	MEDIAMIRA	ISBN 978-973-713-338-0	2016	150	5	1,5
3								0

9,5

1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS etc.)

Nr.	Denumire	Dovada	Punctaj
1	Curs de pregatire teoretica pentru electricieni autorizati 2010	anre.ro	10
2	Curs de pregatire teoretica pentru electricieni autorizati 2011	anre.ro	10

3	Curs de pregatire teoretica pentru electricieni autorizati 2012	anre.ro	10
4	Curs de pregatire teoretica pentru electricieni autorizati 2013	anre.ro	10
5	Curs de pregatire teoretica pentru electricieni autorizati 2014	anre.ro	10
6	Curs de pregatire teoretica pentru electricieni autorizati 2015	anre.ro	10
7	Curs de pregatire teoretica pentru electricieni autorizati 2016	anre.ro	10
8	Curs de pregatire teoretica pentru electricieni autorizati 2017	anre.ro	10
9	Programul de master Infineria Instalatiilor, intre anii 2009-2010	utcluj.ro	10
10	Programul de master Infineria Instalatiilor, intre anii 2010-2011	utcluj.ro	10
11	Programul de master Infineria Instalatiilor, intre anii 2011-2012	utcluj.ro	10
12	Curs de pregatire auditori energetici - 2012	utcluj.ro	10
13	Curs de pregatire auditori energetici 2013	utcluj.ro	10
14	Curs de pregatire auditori energetici 2014	utcluj.ro	10
15	Curs de pregatire auditori energetici 2015	utcluj.ro	10
16	Curs de pregatire auditori energetici 2016	utcluj.ro	10
17	Curs de pregatire auditori energetici 2017	utcluj.ro	10
18	Curs de pregatire auditori energetici 2018	utcluj.ro	10

18	Curs de pregatire auditori energetici 2019	utcluj.ro	10
			190

Subsemnatul certific ca toate datele sunt corecte, ca alocarea pe tipuri de activitati, categorii si subcategorii este justificata, ca puncatjele sunt corecte si imi asum acestea prin semnatura.

Nume, prenume **Buzdugan Mircea Ion**

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Nr. Crt	Domeniul activitatilor	Tipul activitatilor	Categorii si restrictii	Subcategorii	Indicatori (kpi)	Numar	Punctaj
2	Activitatea de cercetare (A2)	2.1 Articole in extenso în reviste cotate WOS Thomson-Reuters, în volume proceedings indexate WOS Thomson-Reuters si brevete de invenţie indexate WOS-Derwent	2.1.1 Profesor/CS1: minimum 10 articole, din care minimum 4 ca prim autor si minimum 4 in reviste		(25 + 20 * factor impact)/ nr. de autori	26	264,995
		2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale**)	2.2.1 Profesor/CSI minimum 20 articole din care minimum 5 in reviste		20/nr. de autori	22	157,333333
		2.3 Granturi/proiecte câştigate prin competiţie	2.3.1 Director/responsabil - minimum 2 pentru profesor/CS I;	2.3.1.1 internaţionale	20*ani de desfăşurare		0
				2.3.1.2 naţionale	10*ani de desfăşurare	8	90
			2.3.2 Membru în echipă	2.3.2.1 internaţionale	4*ani de desfăşurare		0
				2.3.2.2 naţionale	2*ani de desfăşurare	10	60
		2.4 Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2 000 euro)	2.4.1 Responsabil		5*ani de desfăşurare	2	20
			2.4.2 Membru echipă		2*ani de desfăşurare		0
					TOTAL		592,328333

2.1 Articole in extenso în reviste cotate şi în volume proceedings indexate ISI Thomson-Reuters*), brevete de invenţie
(pentru grila domeniului Ing. Energetica, punctarea brevetelor: 35 puncte -international sau 25 puncte - national fara impartire la nr. autori,
se completeaza astfel: la nr. autori se trece 1 si factor de impact 0.25 - brevet international , 0 - brevet national .)

Nr.	Autori	Titlu lucrare, Brevet / Revista (Conferinta), vol. iss, pp.	Factor de impact	Nr. Autori	Punctaj
1	**Buzdugan, Mircea I.**; Balan, Horia	SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL** Volume: 10 Issue: 4 Pages: 519-525 Published: APR 2011 (JOURNAL)	1,334	2	25,84
2	**Buzdugan, Mircea Ion**; Simion, Emil E.; Buzdugan, Tudor Ion	An Electromagnetic Interference Problem via the Mains Distribution Networks **ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING** Volume: 7 Issue: 2 Pages: 59-62 Published: 2007 http://www.aece.ro/ (JOURNAL)	0,699	3	12,99333333
3	Balan, Horia; Tirnovan, Radu; **Buzdugan, Mircea I.**	Commutation technique in the supply of electromagnetic actuators **IET POWER ELECTRONICS** Volume: 7 Issue: 1 Pages: 132-140 Published: JAN 2014 (JOURNAL)	3,575	3	32,16666667
4	Beu, Dorin, Ciugudeanu, Calin, **Buzdugan, Mircea**	Circular Economy Aspects Regarding LED Lighting Retrofit-from Case Studies to Vision, SUSTAINABILITY, Volume: 10, Issue: 10 Article Number: 3674, DOI: 10.3390/su10103674. Published: Oct. 2018 (JOURNAL)	2,075	3	22,16666667
5	Balan, H; Munteanu, R; **Buzdugan, M**; Vadan, I.	Practical Procedures in Determining the Differential Mode Characteristics of EMI Power Supply Filters **ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING** Volume: 9 Issue: 2 Pages: 65-69 **Published: 2009 (JOURNAL)**	0,699	4	9,745

6	**Buzdugan, Mircea**	1. Some Effects of Harmonics on Low Voltage Loads, 2018 IEEE International Conference and Workshop in Obuda on Electrical and Power Engineering (CANDO-EPE), Pages: 73-78, Published: 2018, Document Type:Proceedings Paper		1	25
7	**Buzdugan, M. I.;** Buzdugan, T. I.; Balan, H.	Considerations on Electromagnetic Compatibility for Medical Devices Conference: 3rd International Conference on Advancements of Medicine and Health Care through Technology Location: Cluj Napoca, ROMANIA, AUG 29-SEP 02, 2011, IFMBE Proceedings Volume: 36 Pages: 94-99 Published: 2011		3	8,333333333
8	**Buzdugan, M. I.;** Balan, H.; Munteanu, R.; Munteanu RA	A PRACTICAL PROCEDURE IN ASSESSING POWER QUALITY IN POWER CONVERTERS Conference: 7th International Conference on Management of Technological Changes Location: Alexandroupolis, GREECE Date: SEP 01-03, 2011 BOOK 1 Pages: 481-484 Published: 2011	0	4	6,25
9	**Buzdugan, M;** Balan, H,	Performances of the Anti-Perturbation Filters for Current Distortion Factor Reduction, International Conference on Applied and Theoretical Electricity (ICATE), Published: 2014		2	12,5
10	**Buzdugan, Mircea Ion;** Balan, Horia; Muresan, Dorin	Electromagnetic Compatibility versus Electromagnetic Biocompatibility Conference: 14th International Power Electronics and Motion Control Conference (EPE-PEMC) Ohrid, MACEDONIA SEP 06-08, 2010		3	8,333333333
11	**Buzdugan M.I.,** Balan H.	Towards a New Concept - Electromagnetic Biocompatibility/ MEDITECH 2009, IFMBE Proceedings 26		2	12,5
12	**Buzdugan, MI;** Micu, DD; Simion, E; Ceclan, A; Cimpan, L.	The Electromagnetic Threat in the Today's Environment/ MEDITECH 2009, IFMBE Proceedings 26		5	5
13	Balan, H. ; **Buzdugan, M.;** Cozorici, I.; Karaisas, P	Signal Processing Software Techniques for the Monitoring and the Diagnosis of the Wind Turbines Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) OCT 11-13, 2013		4	6,25
14	Balan, H.; **Buzdugan, M. I.;** Chiorean, C.; Karaisas, P	Reduction of the distortion current factor of the current drawn by the electromagnetic vibrators supplied at variable frequency **Materials Science Forum** Volume: 721 Pages: 275-280 ISSN: 1662-9752 Published: 2012 (JOURNAL)		4	6,25
15	Balan, H.; **Buzdugan MI;** Chiorean, C; Iacob, A; Karaisas, P.	A Passive EMI Filter for the Reduction of Active Filter Generated Network Distortions Conference: 11th International Conference on Applied and Theoretical Electricity (ICATE) Craiova, ROMANIA, OCT 25-27, 2012		5	5
16	Balan, H; **Buzdugan, M;** Vadan, I; Simion, E; Karaissas, P.	Hybrid Commutation Converter in HVDC Systems **Materials Science Forum** Volume: 670 Pages: 415-424 ISSN: 1662-9752 Published: 2011 **(JOURNAL)**		5	5

17	Balan, H; Neamt, L ; **Buzdugan, MI**; Varodi, T; Pop, E	Fault current limiter with solid-state circuit breakers International Conference on Innovative Ideas in Science (IIS2015) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 144 Article Number: 012001 DOI: 10.1088/1757-/1/012001 Published: 2016 Baia Mare, ROMANIA NOV 12-13, 2015		5	5
18	Balan, H; **Buzdugan, MI**; Varodi, T; Munteanu, RA	Monitoring power breakers using vibro acoustic techniques,International Conference on Applied and Theoretical Electricity (ICATE), Craiova, ROMANIA, OCT 06-08, 2016		4	6,25
19	**Buzdugan, Mircea-Ion**; Munteanu, Radu; Munteanu, Radu A.; Neidoni, N.	EMPLOYABILITY, ENTERPRISE AND ENTREPRENEURIAL EDUCATION OF GRADUATES IN ECONOMIC CRISIS TIMES Conference: 6th International Seminar on the Quality Management in Higher Education, 2010, VOL 1 Pages: 535-538		4	6,25
20	**Buzdugan, Mircea-Ion**; Munteanu, Radu; Munteanu, Radu A.	RECEIVING CONSISTENT FEED-BACK FROM STUDENTS - A CRUCIAL ISSUE FOR EDUCATIONISTS Conference: 6th International Seminar on the Quality Management in Higher Education, 2010, VOL 2 Pages: 19-22		3	8,333333333
21	Munteanu, Radu; **Buzdugan, Mircea-Ion**; Munteanu, Radu A.	HIGHER EDUCATION IN A GLOBALIZING WORLD Conference: 6th International Seminar on the Quality Management in Higher Education , 2010, VOL 2 Pages: 171-174		3	8,333333333
22	Munteanu, RA; **Buzdugan, MI;** Tont, G; Munteanu, R.	TEACHING THE MESSENGER GENERATION Conference: 6th International Seminar on the Quality Management in Higher Education, 2010, VOL 2 Pages: 175-178		4	6,25
23	Balan, H; Munteanu, R; **Buzdugan, M;** Ricobon, A; Karaissas, P.	ENERGY LOSSES REDUCTION MANAGEMENT FOR NON LINEAR CONSUMER. A CASE STUDY Conference: 6th International Conference on the Management of Technological Changes, Alexandroupolis, GREECE, VOL 1 Pages: 17-20 Published: 2009		5	5
24	Balan, H; Pop, AA; **Buzdugan, M**; Munteanu, RA	Performances Optimization and Characteristics of the Voltage Generated by Multilevel Inverters, International Conference on Applied and Theoretical Electricity, (ICATE), Published: 2014		5	5
25	Munteanu, RA, Balan, H; Pop, AA; **Buzdugan, M**	Wavelet Analysis in Monitoring and Diagnosis of Power Circuit Breakers, International Conference on Applied and Theoretical Electricity (ICATE), Published: 2014		5	5
26	Varodi, T; Pop, AA; Balan, H; **Buzdugan, M**	Diagnosis of Short Circuit and the Earthing of a Transformer Station, International Conference on Applied and Theoretical Electricity (ICATE), Published: 2014		4	6,25
					264,995

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / Revista (Conferinta), vol. iss, pp.	Baza de date	Nr. Autori	Punctaj
1	**M. Buzdugan**	Review of Some Effects of Harmonics in Nonsinusoidal Systems, 2018 AEIT International Annual Conference, 3-5 Oct. 2018, Date Added to IEEE *Xplore*: 17 Dec. 2018, INSPEC Accession Number: 18346908, DOI: 10.23919/AEIT.2018.8577451, Publisher: IEEE,	ieeexplore	1	20

2	**Mircea-Ion Buzdugan**; Radu A. Munteanu	Influence of Harmonics on Heat Recovery Equipment, 2018 International Conference on Applied and Theoretical Electricity (ICATE), 4-6 Oct. 2018, Date Added to IEEE Xplore: 29 November 2018, INSPEC Accession Number: 18290143, DOI: 10.1109/ICATE.2018.8551406, Publisher: IEEE, Conference Location: Craiova, Romania	ieeexplore	2	10
3	**Buzdugan, M.I.,** Simion, E	Extremely low frequency magnetic fields and health risks **Journal of Electrical and Electronics Engineering** 2 (2), pp. 13-16, 2009 P-ISSN: 1844-6035 (JOURNAL) E-ISSN: 2067-2128 CD-ISSN: 2067–211X	Scopus	2	10
4	Dumitru SPERMEZAN, **Mircea I. BUZDUGAN**, Horia BALAN	STRUCTURAL MONITORING OF WIND TURBINES USING SENSORS CONNECTED VIA UTP CABLE **Carpathian Journal of Electrical Engineering** Volume 11, Number 1, 2017, ISSN 1843-7583 (JOURNAL)	IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	3	6,666666667
5	Horia BALAN, **Mircea I. BUZDUGAN**, Ionut IANCAU, Liviu NEAMT	TESTING SOLUTIONS OF THE PROTECTION SYSTEMS PROVIDED WITH DELAY MAXIMUM CURRENT RELAYS **Carpathian Journal of Electrical Engineering** Volume 11, Number 1, 2017 ISSN 1843-7583 (JOURNAL)	IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	4	5
6	**Mircea Buzdugan**, Horia Balan	Electromagnetic compatibility issues of brushless speed drives 2016 51st International Universities Power Engineering Conference (UPEC) 6-9 Sept. 2016	ieeexplore	2	10
7	**Mircea Buzdugan**, Horia Balan	Power system harmonics issues in some end user facilities 2017 52st International Universities Power Engineering Conference (UPEC) 28-31 Aug.	ieeexplore	2	10
8	**Buzdugan, M.I.**, Bălan, H., Mureşan, D.T.	An electrical power quality problem in an emergency unit from a hospital - Case study SPEEDAM 2010 - International Symposium on Power Electronics, Electrical Drives, Automation and Motion	Scopus	3	6,666666667
9	Horia Balan; **Mircea Ion Buzdugan**; Radu A. Munteanu	Modeling and simulation of DC resonant circuit breakers 2017 5th International Symposium on Electrical and Electronics Engineering (ISEEE)	ieeexplore	3	6,666666667
10	Balan, H., **Buzdugan, M.I.**, Botezan, A., Munteanu, R.A., Karaissas, P., Psomopoulos, C.	Testing wind variable speed driving systems for conducted interferences SPEEDAM 2012 - 21st International Symposium on Power Electronics, Electrical Drives, Automation and Motion 6264482, pp. 565-570	Scopus	6	3,333333333
11	Elena STEFAN, Horia BALAN, **Mircea BUZDUGAN**, Petros KARAISSAS	STUDY OF THE DC VOLTAGE CIRCUIT BREAKERS COMMUTATION WITH EMTPWORKS SOFTWARE SIMULATIONS - Annals of the University of Craiova, Electrical Engineering series, No. 34, **2010;** ISSN 1842-4805 http://elth.ucv.ro/fisiere/anale/2010/47.pdf (JOURNAL)	Index Copernicus	4	5

12	Balan H., Botezan A., **Buzdugan M.**, Stefan Elena, Pîrv G., Karaissas P.	"The off-line diagnose of automatic circuit breakers by the time domain and frequency vibration analysis", Proceedings ICATE 2010, Craiova, Romania, October 8-9, secțiunea R2-Electrical Equipments and Technologies, paper ID 2.7., on CD, Articles	Index Copernicus	6	3,333333333
13	Balan H., **Buzdugan M.**, Munteanu A. R., Botezan A., Cozorici I., Avram V.	"Insulation Resistance Testing of the Medium Voltage Switches" Proceedings ICATE 2010, Craiova, Romania, October 8-9, sectiunea R2-Electrical Equipments and Technologies, paper ID 2.10., on CD	Index Copernicus	6	3,333333333
14	Balan H., Botezan A., **Buzdugan M.**, Karaissas P., Duta M., Iacob A.	Real time simulation of Active Filters with EMEGASIM 4508 Platform-Case Study", Proceedings CNAE 2010, Craiova, Romania, October 6-8, 2010, secțiunea EA-FA-Energetica sistemelor de acționare electrică și filtre active, lucrarea ID 27, on CD,	Index Copernicus	6	3,333333333
15	Nadina Neidoni, Mircea Buzdugan	A Reinforcing Method of Corrugated Fiberboard Boxes, Data publicării 2015/3/30 Jurnal ACTA TECHNICA NAPOCENSIS- Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Volumul 58, Numărul 1	Index Copernicus	2	10
16	**M. Buzdugan**, H. Bălan,	EMI Filtering of Air Handling Units, Bulletin of the Transilvania University of Braşov CIBv 2015 • Vol. 8 (57) Special Issue No. 1 – 2015 (**JOURNAL**)	EBSCO	2	10
17	**M. I. Buzdugan**, H. Bălan	ON ELECTRICAL ENERGY EFFICIENCY IN BUILDINGS - BULLETIN OF THE TRANSILVANIA UNIVERSITY OF BRASOV • VOL. 7 (56) No.1 - 2014 SERIES I - PROCEEDING OF THE INTERNATIONAL SCIENTIFIC CONFERENCE „CIBV 2014", NOVEMBER, 7-8, 2014 ISSN 2065-2127	EBSCO	2	10
18	Horia, B. (Horia Balan), Augustin, PA (Augustin, Pop Adrian), Mircea,B (**Mircea Buzdugan**), Ioan, B (Ioan Berinde)	Analysis of multilevel converters operation through programmable source emulators, 49TH International Universities Power Engineering Conference (UPEC), Published: 2014	WOS, IEEExplore	4	5
19	Horia, B. (Horia Balan), Mircea,B (**Mircea Buzdugan**), Ioan, B (Ioan Berinde), Augustin, PA (Augustin, Pop	Modeling and Simulation of Current Digital Relays, 49th International Universities Power Engineering Conference (UPEC) Published: 2014	WOS, IEEExplore	4	5
20	Balan, H; **Buzdugan, MI**; Munteanu, R; Vadan, I; Botezan, A; Ricobon, A,	A Design Method for EMI Filters Mitigating Perturbations Generated by a PWM Converter Conference: International Conference on Clean Electrical Power (ICCEP 2009) Location: Capri, ITALY, VOLS 1 AND 2 Pages: 434-438, Published: 2009	WOS, IEEExplore	6	3,333333333

21	Balan, H., Vadan, I., **Buzdugan, M.**, Botezan, A., Karaissas, P.	Fault identification of rotating electric machines using comparative analysis methods Materials Science Forum International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2011 and Electromotion 2011 Joint Conference 6490610, pp. 276-281	Scopus	5	4
22	Horia Balan, Traian Varodi, **Mircea I. Buzdugan**	Monitoring power breakers using vibro acoustic techniques, Advances in Science, Technology and Engineering Systems Journal Vol. 2, No. 3, 1771-1776 (2017), ASTESJ ISSN: 2415-6698, www.astesj.com (JOURNAL)	Researcher ID Thomson Reuters, Open Access	3	6,666666667

157,3333333

2.3 Granturi/proiecte câştigate prin competiţie

2.3.1 Director/responsabiL

Contracte internationale

Nr.	Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare	Perioada	Nr. ani derulare	Punctaj
1					0

0

Contracte nationale

Nr.	Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare	Perioada	Nr. ani derulare	Punctaj
1	Horia Balan	Asigurarea mentenantei LEC prin detectarea defectelor cu metoda reflectometriei in timp real, Cecuri de inovare, cod PN-III-P2-2.1-CI-2018-1004, Nr. 171CI / 2018 Cecuri de inovare, cod PN-III-P2-2.1-CI-2017-0799, NR. 147CI / 2017	2017-2018	1	10
2	Horia Balan, Adriana Hadarean, Constantin Pica	Proceduri de testare a sistemelor de protecţie echipate cu relee digitale, la punerea în funcţiune a staţiilor şi posturilor din sistemul energetic,https://uefiscdi.ro/resource-83734?&wtok...wtkps=XY5dDoIwEITvss... Cecuri de inovare, cod PN-III-P2-2.1-CI-2017-0799, NR. 147CI / 2017	2017-2018	2	20
3	Daniel Moga, Radu A. Munteanu	Sistem distribuit de monitorizare a debitelor de apa uzata in sistemele de canalizare pentru optimizarea functionarii acestora, https://www.astr.ro/activitati-si-evenimente/competiția-națională-de-proiecte-de-cercetare-aplicativa,-astr-ca1-2016 Competiția națională de proiecte de cercetare aplicativă organizată de Academia de Ştiinţe Tehnice din Romania ASTR-CA1 2016	2017	1	10
4	IEIA Cluj-Napoca	Concepţie şi proiectare constructivă şi tehnologică terminal de teletransmisii de date, Telerom 3V1-1, (Planul tehnic al Centralei Industriale de Echipamente de Automatizare), (responsabil proiect)	1983	1	10

5	IPA TCT Filiala Cluj-Napoca, Partener IEIA Cluj-Napoca	Conceptie si proiectare constructiva si tehnologica: Programator filtru saci, PFS (Planul tehnic al Centralei Industriale de Echipamente de Automatizare) (responsabil partener), IPA TCT Filiala Cluj-Napoca, Partener IEIA Cluj-Napoca	1987	1	10
6	IEA Bucuresti si IEIA Cluj-Napoca	Transfer tehnologic/fabricatie regulatoare electronice pentru procese lente continue, seria ELC 1131-1134 (responsabil proiect)	1986-1987	1	10
7	IEA Bucuresti si IEIA Cluj-Napoca	Transfer tehnologic/fabricatie regulatoare electronice pentru procese discotinue, seria ELC 1321-1324 (responsabil proiect), IEA Bucuresti si IEIA Cluj-Napoca	1986-1987	1	10
8	ICPE Bucuresti si IEIA Cluj-Napoca	Conceptie si proiectare constructiva bariere de siguranta intrinseca, seria BS (Planul tehnic al Centralei Industriale de Echipamente de Automatizare) (responsabil partener), IEA Bucuresti si IEIA Cluj-Napoca	1987	1	10
					90

2.3.2 Membru în echipă

Contracte internationale

Nr.	Dirctor, Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare	Perioada	Nr. ani derulare	Punctaj
1					0
					0

Contracte nationale

Nr.	Dirctor, Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare	Perioada	Nr. ani derulare	Punctaj
1	prof. dr. ing. Dorin Petreus, UTC-N	Sistem de management al energiei obţinute din surse regenerabile, pentru mici comunităţi izolate, PN-II-PT-PCCA-Contract 53/2013	2013-2016	3	6
2	prof. dr. ing. Horia Balan, UTC-N	Centru de cercetare pentru testarea, diagnosticarea si monitorizarea echipamentelor electrice din sistemele electroenergetice cu eficienta energetica ridicata. Contract PN II – Capacitati nr. 87/2007	2007-2009	3	6
3	prof. dr. ing. Horia Balan, UTC-N	Tehnici si strategii de comanda, control si proiectare a filtrelor active utilizate in retele electrice poluate. Contract UTCN 24 GR/2007, CNCSU Ministerul Educatiei	2007-2008	2	4
4	prof. dr. ing. Horia Balan, UTC-N	Sistem de analiza si calcul a semnalelor din retele electrice poluate . Proiect CEEX 77/2006	2006-2008	3	6
4	prof. dr. ing. Horia Balan, UTC-N	Cercetari privind realizarea de tehnologii ecologice, pe baza vibratiilor induse magnetostrictiv, în vederea reducerii consumurilor energetice. PN II, Contract nr. 21-059, 175.000 lei, 50.000 euro	2007-2010	3	6
5	prof. dr. ing. Horia Balan, UTC-N	Tehnologie si instalatie ecologica de detensionare a ansamblelor din otel turnate, forjate sau sudate. Proiect CEEX 153/2006; 202.000 lei, 57714 euro.	2006-2008	3	6
6	prof. dr. ing. Emil Simion, UTC-N	Model Matematic pentru studiul influenţei poluării electromagnetice în c.a. a conductelor metalice subterane de gaz, cu şi fără protecţie catodică, aflate în vecinătatea unei staţii de transformare	2007-2009	3	6

7	prof. dr. ing. Emil Simion, UTC-N	Cercetări teoretice şi experimentale privind comportarea materialelor electroizolante în scopul fundamentării studiilor de diagnoză şi predicţie inteligente	2006-2008	3	6
8	prof. dr. ing. Emil Simion, UTC-N	Influenţa câmpurilor electromagnetice asupra stabilităţii în funcţionare şi a performanţelor instalaţiilor de ardere,	2006-2008	3	6
9	prof. dr. Ing. Emil Simion, UTC-N	Software pentru modelarea şi predicţia interferenţei electromagnetice pe linii de transmisie,	2004-2005	2	4
10	prof. dr. Ing. Emil Simion, UTC-N	Analiza şi predicţia fenomenelor de interferenţă electromagnetică create de sistemele de tracţiune electrică feroviară	2001-2002	2	4

60

2.4 Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2 000 euro)

2.4.1 Responsabil

Nr.	Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare, Beneficiar	Perioada	Nr. ani derulare	Punctaj
1	Teodor Chira	Gestionarea serviciului de iluminat public din municipiul Bistriţa şi cele şase localităţi componente - Studiu de oportunitate, Contract nr. 144/2007, intre UTC-N si Primaria Bistrita	2007-2008	2	10
2	Ioan Gh. Pop, Florin Domnita, Calin Ciugudeanu	Contract de consultanta in servicii de proiectare, intre UTC-N si Centrul Medical Unirea Bucuresti, nr. 21345/2017	2017-2018	2	10

20

2.4.2 Membru echipă

Nr.	Membrii (exceptie pers. proprie)	Denumire proiect, tip, cod, date identificare, Beneficiar	Perioada	Nr. ani derulare	Punctaj
1					0

0

Subsemnatul certific ca toate datele sunt corecte, ca alocarea pe tipuri de activitati, categorii si subcategorii este justificata, ca puncatjele sunt corecte si imi asum acestea prin semnatura.

Nume, prenume **Buzdugan Mircea Ion**

Data **10.06.2019**

Semnatura

Universitatea Tehica din Cluj-Napoca
Facultatea de Instalatii
Departamentul de Ingineria Instalatiilor

Nume si prenume: Buzdugan Mircea Ion

COMISIA INGINERIE ELECTRICĂ

Standarde minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învăţământul superior şi a gradelor profesionale de cercetare-dezvoltare

Nr. Crt	Domeniul activitatilor	Tipul activitatilor	Categorii si restrictii	Subcategorii	Indicatori (kpi)	Numar	Punctaj
3	Recunoaşterea impactului activ (A3)	3.1 Citări în reviste şi volumele conferinţelor ISI şi BDI		3.1.1 ISI	5 / nr aut art. citat	13	29,58333333
				3.1.2 BDI	3 / nr aut art. citat	35	55,7
		3.2 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	3.2.1 Internationale	20		0
				3.2.2 nationale	5		0
		3.3 Membru în colectivele de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale (punctajul se acordă pentru fiecare revistă, manifestare ştiinţifică şi recenzie)	Punctaj unic pentru fiecare activitate	3.3.1 ISI	1	10	30
				3.3.2 BDI	6	9	36
				3.3.3 naţionale şi internaţionale neindexate	3	3	33
		3.4 Experienţa de management		3.4.1 Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director şcoală doctorală, director, director adj., şef secţie)	5* nr. Ani	21	155
				3.4.2 Membru organisme conducere (senat, consiliul facultăţii, consiliu departament, consiliu de administraţie, consiliu ştiinţific)	2*nr. ani	13	40
		3.5 Referent în comisii de doctorat		3.5.1 internaţionale	10		0
				3.5.2 naţionale	5		10
		*3.6 ***Premii*		*Academia Română*	*30*		0
				ASAS, AOSR, academii de ramură şi CNCS	*15*	1	15
				premii internaţionale	*10*		0
				premii naţionale în domeniu	*5*		0

		*3.7 *** Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării*	*3.7.1 Academia Română*		*100*		0
			3.7.2 ASAS, AOSR şi academii de ramură		*30*		0
			3.7.3 Conducere asociaţii profesionale	*internaţionale*	*30*		0
				naţionale	*10*	1	10
			3.7.4 Asociaţii profesionale	*internaţionale*	*5*	1	5
				naţionale	*2*	1	2
			3.7.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării	*internaţionale*	*15*		0
				naţionale	*10*		10
					TOTAL		431,2833333

3.1 Citări în reviste şi volumele conferinţelor ISI şi BDI

3.1.1 ISI

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, 519-525	RECORDING AND PROCESSING ELECTROCARDIOGRAPHY SIGNALS DURING MAGNETOTHERAPY PROCEDURES Doru Andritoi, Valeriu David, Radu Ciorap, Marius Branzila, Environmental Engineering and Management Journal, June 2013, Vol.12, No. 6, 1231-1238 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5
2	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, 519-525	COMPARATIVE ANALYSIS OF THE EXTREMELY LOW-FREQUENCY MAGNETIC FIELD EXPOSURE FROM OVERHEAD POWER LINES Eduard Lunca, Marcel Istrate, Alexandru Salceanu, Environmental Engineering and Management Journal June 2013, Vol.12, No. 6, 1145-1151 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5
3	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, 519-525	NEW EXPERIMENTAL PARAMETERS FOR MONITORING ENERGY SPECTRA OF GAMMA-RAY RADIATIONS IN THE ENVIRONMENT Marius Stamate1, Iuliana Mihaela Lazăr, Environmental Engineering and Management Journal January 2013, Vol.12, No. 1, 105-113 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5
4	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, 519-525	MITIGATION OF POWER FREQUENCY MAGNETIC FIELD NEARBY POWER LINES USING RECTANGULAR FRAMES Călin Munteanu, Emil Merdan, Vasile Topa, Ioan T. Pop, Sorin Deleanu, Environmental Engineering and Management Journal June 2013, Vol.12, No. 6, 1137-1143 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5

5	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, 519-525	IMPLEMENTING EUROPEAN METHODOLOGIES TO ASSESS ENVIRONMENTAL ELECTROMAGNETIC FIELD LEVELS: SOME DIFFICULTIES AND SOLUTIONS Cristian Goiceanu , Răzvan Dănulescu, Eugenia Dănulescu, Raluca Dănulescu, Environmental Engineering and Management Journal June 2013, Vol.12, No. 6, 1179-1186 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5
6	**Mircea I. Buzdugan**, Horia Bălan, SOME PRACTICAL CONSIDERATIONS IN ELECTROMAGNETIC BIOCOMPATIBILITY, Environmental Engineering and Management Journal, April 2011, Vol.10, No. 4, [illegible]	REDUCTION OF POWER LINE INTERFERENCES FROM ELECTROCARDIOGRAPHIC SIGNALS BY APPLYING ADAPTIVE FILTERING ON FIELD PROGRAMMABLE GATE ARRAY CIRCUITS Ioan Tudosa, Cristian Győző Haba, Valeriu David, Narcis Adochiei, Environmental Engineering and Management Journal June 2013, Vol.12, No. 6, 1199-1206 http://omicron.ch.tuiasi.ro/EEMJ/	2	2,5
7	**Buzdugan, Mircea Ion**; Simion, Emil E.; Buzdugan, Tudor Ion, An Electromagnetic Interference Problem via the Mains Distribution Networks, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 7 Issue: 2 Pages: 59-62 Published: 2007	Original Approaches for Solving Electromagnetic Interference Problems, By:Micu, DD (Micu, Dan D.); Munteanu, R (Munteanu, Radu, Jr.); Christoforidis, GC (Christoforidis, Georgios C.); Manea, B (Manea, Bogdan); Ceclan, A (Ceclan, Andrei) ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 9 Issue: 2 Pages: 82-89 DOI: 10.4316/aece.2009.02013 Published: 2009	3	1,666666667
8	Balan, H; Munteanu, R; **Buzdugan, M**; Vadan, I, Practical Procedures in Determining the Differential Mode Characteristics of EMI Power Supply Filters, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 9 Issue: 2 Pages: 65-69, Published 2009	A VLSI Implementation of a New Low Voltage 5(th) Order Differential G(m)-C Low-Pass Filter with Auto-Tuning Loop in CMOS Technology, By:Bozomitu, RG (Bozomitu, Radu Gabriel); Cojan, N (Cojan, Neculai), ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 11 Issue: 1 Pages: 23-30 DOI: 10.4316/AECE.2011.01004 Published: 2011	4	1,25
9	**Buzdugan M I**, Electromagnetic Compatibility - Conducted Interference, Mediamira Inc. Publishing, 2008 (in Romanian), ISBN 978-973-713-206-2	Neidoni, N, Packaging for ESD Sensitive Items, 49TH International Universities Power Engineering Conference (UPEC), Published: 2014	1	5

10	**1. Buzdugan, MI**; Buzdugan, TI; Balan, H, Considerations on Electromagnetic Compatibility for Medical Devices, Book Series: IFMBE Proceedings Volume: 36 Pages: 94-99 Published: 2011	Wu, H (Wu, Hao); Shen, GF (Shen, Guofeng); Chen, YZ (Chen, Yazhu), A radiation emission shielding method for high intensity focus ultrasound probes, BIO-MEDICAL MATERIALS AND ENGINEERING, Volume: 26, Pages: S959-S966, Supplement: 1, DOI: 10.3233/BME-151390, Published: 2015	3	1,666666667
11	**Buzdugan, MI**; Simion, EE; Buzdugan, TI An Electromagnetic Interference Problem via the Mains Distribution Networks ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 7 Issue: 2 Pages: 59-62 Published: 2007	Variation of Tower Footing Resistance on the Lightning Surge Propagation through Overhead Power Distribution Lines By:Mariut, EL (Mariut, Elena Larisa)[1,2] ; Helerea, E (Helerea, Elena)[1] ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 16 Issue: 1 Pages: 99-106 DOI: 10.4316/AECE.2016.01014 Published: 2016	3	1,666666667
12	**Munteanu, Radu; Buzdugan, Mircea-Ion; Munteanu, Radu A., Quality Management in Higher Education, Vol 2, Pages: 171-174, Published: 2010, Document Type:Proceedings Paper Conference, 6th International Seminar on the Quality Management in Higher Education, Tulcea, Romania, July 08-09, 2010**	Munteanu, R., Peter, D.C., The Process of Merging Romanian Universities: Technical University of Cluj-Napoca - North University of Baia Mare, in Mergers and Alliances in Higher Education: International Practice and Emerging Opportunities, Edited by: Curaj, A; Georghiou, L; Harper, JC; Egron Polak, E, Pages: 273-285, DOI: 10.1007/978-3-319-13135-1_13, Published: 2015, Document Type: Article; Book Chapter, Publisher: Springer International Publishing AG, Gewerbestrasse 11, Cham., CH-6330, Switzerland	3	1,666666667
13	**Buzdugan Mircea Ion**, T. I. Buzdugan, Horia Balan, "Considerations on Electromagnetic Compatibility for Medical Devices", January 2011, In book: International Conference on Advancements of Medicine and Health Care through Technology, **DOI: 10.1007/978-3-642-22586-4_20**	Sai Wing Leung, Kwok-Hung Chan, Chi-Kit Tang, "Electromagnetic Interference of IEEE 802.11 Wireless LAN Systems in Medical Equipment", IEICE Transactions on Communications 94-B(5), pp: 1463-1466, May 2011, Online ISSN: 1745-1345, Print ISSN: 0916-8516, DOI: 10.1587/transcom.E94.B.1463 Indexed: Science Citation Index mjl.clarivate.com/publist_sciex.pdf https://search.ieice.org/bin/citation_index.php?lang=E	3	1,666666667
				29,58333333

3.1.2 BDI

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj

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50	M. Buzdugan, H. Balan, Power Quality Issues in Electrical Power Distribution Systems, Bulletin of the Translvania University of Brasov, vol. 8, Special Issue, ISSN: 2285-7656-L 2248-7648.	Horațiu Dacian Laslo, Traian Varodi, The Reduction of Total Harmonic Distortion for the Multilevel Converter Using Genetic Algorithms Optimization Method in Carpathian Journal of Electrical Engineering Volume 12, Number 1, 2018 ISSN 1843-7583, IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	2	1,5
51	H. Balan, L. Neamt, M. I. Buzdugan, T. E. Pop, Fault current limiter with solid-state circuit breakers, Article Book Series: IOP Conference Series-Materials Science and Engineering, volume: 144, article number: 012001, 2016.	Horațiu Dacian Laslo, Traian Varodi, The Reduction of Total Harmonic Distortion for the Multilevel Converter Using Genetic Algorithms Optimization Method in Carpathian Journal of Electrical Engineering Volume 12, Number 1, 2018 ISSN 1843-7583, IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	4	0,75
52	M. I. Buzdugan, H. Bălan, About power quality monitoring in residential grids, Renewable Energy and Power Quality Journal, vol. 1, no. 15, April 2017.	Horațiu Dacian Laslo, Traian Varodi, The Reduction of Total Harmonic Distortion for the Multilevel Converter Using Genetic Algorithms Optimization Method in Carpathian Journal of Electrical Engineering Volume 12, Number 1, 2018 ISSN 1843-7583, IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	2	1,5
53	34. H. Balan, M. I. Buzdugan, I. Iancau, L. Neamt, Testing Solutions of the Protection Systems Provided with Delay Maximum Current Relays, Carpathian Journal of Electrical Engineering, volume 11, number 1, pp. 47-58, 2017.	Horațiu Dacian Laslo, Traian Varodi, The Reduction of Total Harmonic Distortion for the Multilevel Converter Using Genetic Algorithms Optimization Method in Carpathian Journal of Electrical Engineering Volume 12, Number 1, 2018 ISSN 1843-7583, IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	4	0,75

54	**1.** H. Balan, T. Varodi, M. I. Buzdugan, *Monitoring power breakers using vibro acoustic techniques*, Advances in Science, Technology and Engineering Systems Journal ,vol. 2, no. 3, pp. 1771-1776, 2017.	Horaţiu Dacian Laslo, Traian Varodi, The Reduction of Total Harmonic Distortion for the Multilevel Converter Using Genetic Algorithms Optimization Method in Carpathian Journal of Electrical Engineering Volume 12, Number 1, 2018 ISSN 1843-7583, IET Inspec Direct, Ulrich's web, EBSCO, Index Copernicus, ProQuest	3	1

55,7

3.2 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi profesor invitat (exclusiv POS, ERASMUS)

3.2.1 Internationale

Nr.	Anul desfasurarii	Manifestare / Invitatie, locatie, lucrare, tema	Dovada	Punctaj
1				0

0

3.2.2 Nationale

Nr.	Anul desfasurarii	Manifestare / Invitatie, locatie, lucrare, tema	Dovada	Punctaj
1				0

0

3.3 Membru în colectivele de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale (punctajul se acordă pentru fiecare revistă, manifestare ştiinţifică şi recenzie)

3.3.1 ISI

Nr.	Calitate (membru colectiv/comitet sau recenzor)	Revista/manifestare. ISSN	anul	Dovada	Punctaj
1	International Publicity Committee	14th International Power Electronics and Motion Control Conference (EPE-PEMC)	2010	http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5606705	10
2	International Scientific Committee	International IEEE Conference AND workshop in Óbuda on Electrical and Power Engineering	2018	conf.uni-obuda.hu/Kando2018/CFP_CANDO-EPE-2018.pdf	10
3	International Scientific Committee	International IEEE Conference AND workshop in Óbuda on Electrical and Power Engineering	2019	http://conf.uni-obuda.hu/Kando2019/committees.html	10

30

3.3.2 BDI

Nr.	Calitate (membru colectiv/comitet sau recenzor)	Revista/manifestare. ISSN	anul	Dovada	Punctaj
1	membru comitet stiintific				0
2	membru comitet stiintific				0
3	membru comitet stiintific	International Conference CIBv	2014	http://www.unitbv.ro/Portals/18/CIB/CIB2014/First_Announcement_CIBv2014_final1.pdf	6

4	membru comitet stiintific	International Conference CIBv	2015	http://www.unitbv.ro/fconstructii/Evenimente/CIBv2015/15SCIENTIFICCOM.aspx	6
5	membru comitet stiintific	International Conference CIBv	2016	http://www.unitbv.ro/fconstructii/Evenimente/CIBv2015/15SCIENTIFICCOM.aspx	6
6	membru comitet stiintific	International Conference CIBv	2017	http://www.unitbv.ro/fconstructii/Evenimente/CIBv2015/15SCIENTIFICCOM.aspx	6
7	membru comitet stiintific	International Conference CIBv	2018	http://www.unitbv.ro/fconstructii/Evenimente/CIBv2015/15SCIENTIFICCOM.aspx	6
8	membru in comitetul stiintific	2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST and 3rd INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT	2014	http://www.muri.utcluj.ro:8080/xmlui/bitstream/handle/123456789/176/Cocian_ICPR_iulie2014.pdf?sequence=1	6

36

3.3.3 naţionale şi internaţionale neindexate

Nr.	Calitate (membru colectiv/comitet sau recenzor)	Revista/manifestare. ISSN	anul	Dovada	Punctaj
1	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2012	http://www.icrepq.com/re&pqj/RE&PQJ	3
2	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2013	http://www.icrepq.com/re&pqj/RE&PQJ	3
3	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2014	http://www.icrepq.com/re&pqj/RE&PQJ	3
4	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2015	http://www.icrepq.com/re&pqj/RE&PQJ	3
5	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2016	http://www.icrepq.com/re&pqj/RE&PQJ	3
6	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2017	http://www.icrepq.com/re&pqj/RE&PQJ	3
7	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2018	http://www.icrepq.com/re&pqj/RE&PQJ	3
8	membru comitet stiintific	International Conference of Power Quality and Renewable Energies ICREPQ	2019	http://www.icrepq.com/re&pqj/RE&PQJ	3
9	membru comitet de organizare	CE PhD 2012	2012	http://sens-group.ro/ce2012/organizare/	3
10	membru comitet de organizare	CE PhD 2014	2014	http://sens-group.ro/ce2014/scientific-committee/	3
11	membru in comitetul stiintific	C 60-2013	2013	http://c60.ro/	3

3.4 Experienţa de management (se ataseaza copii dupa cartea de munca, decizii, etc.)

3.4.1 Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director şcoală doctorală, director, director adj., şef secţie)

Nr.	Functia	Numar de ani	Punctaj
1	Sef atelier montaj automatizari	9	45
2	Director si administrator societate comerciala	15	75
3	Decan	7	35
4			0
			155

3.4.2 Membru organisme conducere (senat, consiliul facultăţii, consiliu departament, consiliu de administraţie, consiliu ştiinţific)

Nr.	Functia	Numar de ani	Punctaj
1	Membru in Consiliul Facultatii 2010-2017	9	18
2	Membu in Consiliul de administratie a UTCN 2012-2016	7	14
3	Membru in Consiliul Departamentului 2008-2012	4	8
4			0
			40

3.5 Referent în comisii de doctorat

3.5.1 internaţionale

Nr.	Anul	Comisia	Dovada	Punctaj
1				0
				0

3.5.2 naţionale

Nr.	Anul	Comisia	Dovada	Punctaj
1	2012	doctorand ing. Mailat Lililana Reli (cas. Cimpan); prof. dr. ing. Calin Munteanu, prof. dr. ing. Emil Simion, prof. dr. ing. Teodor Leuca, prof. dr. ing. Dorel Hoble, conf. Dr. ing. Mircea Buzdugan	utcluj.ro	5
1	2018	doctorand Adrian Fratean; prof. dr. ing. Liviu Miclea, prof. dr. ing. Petre Dobra, prof. dr. ing. Eugen Iancu, prof. dr. ing. Octavian Pareavanu, conf. dr. ing. Mircea Buzdugan	utcluj.ro	5
				10

3.6 ***Premii

Academia Română

Nr.	Anul	Premiul	Dovada	Punctaj
1				0
				0

ASAS, AOSR, academii de ramură şi CNCS

Nr.	Anul	Premiul	Dovada	Punctaj
1	grant nr. 2922, PN-II- PRECISI - 2014 – 8 – 7245	Commutation technique in the supply of electromagnetic actuators, grand nr. 2922, PN-II- PRECISI - 2014 – 8 – 7245	http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/LISTA%207%20REZULTATE.pdf	15
				15

premii internaţionale

Nr.	Anul	Premiul	Dovada	Punctaj
1				0

0

premii naţionale în domeniu

Nr.	Anul	Premiul	Dovada	Punctaj
1				0

0

3.7 * Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării**

3.7.1 Academia Română

Nr.	Din anul	Dovada	Punctaj
1			0

0

3.7.2 ASAS, AOSR şi academii de ramură

Nr.	Apartenenta	Dovada	Punctaj
1			0

0

3.7.3 Conducere asociaţii profesionale internationale

Nr.	Asociatia	Dovada	Punctaj
1			0

0

nationale

Nr.	Asociatia	Dovada	Punctaj
1	Vicepresedinte consiliul director - Asociatia Inginerilor de Instalatii din Romania, 2012-2016	aiir.ro	10
2			0

10

3.7.4 Asociaţii profesionale internationale

Nr.	Asociatia	Dovada	Punctaj
1	REHVA Federation of European Heating, Ventilation and Air Conditioning Associations	http://www.rehva.eu/	5
2			0

5

nationale

Nr.	Asociatia	Dovada	Punctaj
1	Asociatia Inginerilor de Instalatii din Romania	aiir.ro	2
2			0

2

3.7.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării internationale

Nr.	Asociatia	Dovada	Punctaj
1			0

0

nationale

Nr.	Asociatia	Dovada	Punctaj
1	Organismul Național de Standardizare din România	Comisia tehnica CT 136	10
			10

Subsemnatul certific ca toate datele sunt corecte, ca alocarea pe tipuri de activitati, categorii si subcategorii este justificata, ca puncatjele sunt corecte si imi asum acestea prin semnatura.

Nume, prenume **Buzdugan Mircea Ion**

Data **10.06.2019**

Semnatura