

Fisa de verificare a indeplinirii standardelor minimale CNATDCU

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Conditii minimale (Ai)				
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit
A1	Activitatea didactica / profesionala (A1)	100	115.000	DA
A2	Activitatea de cercetare (A2)	500	696.713	DA
A3	Recunoasterea impactului activitatii (A3)	100	322.800	DA
Total (A)		700	1134.513	DA

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	4	4	DA
A1.2.1	Material didactic / Lucrari didactice	2	3	DA
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	12	28	DA
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil)	2	5	DA
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20	81	DA
	Factor de impact cumulat pentru publicatii	6	8.72	DA

Nr .	Domeniul activitatilor			Subcategoriile		Indicatori (kpi)	Num ar	Punctaj	FI
0	1	2	3	4		5	6	7	8
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1.	internationale	25	1	25	
				A1.1.2	nationale	20	3	60	
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		10	3	30	

Total punctaj (A1)	115
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2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+20 * fact.imp) /nr. autori	28	320.380	8.720
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20/nr. autori	23	152.333	
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35/nr. autori	0	0.000	0
				A2.3.2	nationale	25/nr. autori	0	0.000	0
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20*ani desf.	2	40	
				A2.4.1.2	nationale	10*ani desf.	3	50	
	Membriu in echipa	A2.4.2.1	Internationale	4*ani desf.	8	76			
		A2.4.2.2	nationale	2*ani desf.	12	58			

Total punctaj (A2)	696.713	8.720
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3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8/nr.aut art.citat	33	104.667
				A3.1.2	BDI	4/nr.aut art.citat	48	71.133
		Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat	Punctaj unic pentru fiecare activitate	A3.2.1	Internationale	10	0	0
				A3.2.2	nationale	5	0	0
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI	Punctaj unic pentru fiecare activitate	A3.3.1	ISI	10	4	40
				A3.3.2	BDI	6	12	72
				A3.3.3	nationale si internationale neindexate	3	0	0
		Premii in domeniu		A3.4.1	Academia Romana, ASTR, academii de ramura, premii internationale	15	2	30
				A3.4.2	premiu nationale in domeniu	5	1	5

Total punctaj (A3)	322.800
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Punctaj total: 1134.513

Scor = punctaj total / punctaj minim CNADCU: 1.621

Activitatea didactica si profesionala (A1)

A1.1.1. Carti, monografii, capitole ca autor - internationale					Punctaj	Numar
					25	1
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul		
1	Emilson Pereira Leite, Ovidiu Aurel Pop s.a	Matlab - Modelling, Programming and Simulations, Sciyo Intech Publisher, Croatia, 2010, ISBN 978-953-307-125-1, 426 pag., Chapter 7 Modeling of DC-DC Converters	InTech Europe, Croatia	2010		

A1.1.2. Carti, monografii, capitole ca autor - nationale					Punctaj	Numar
					60	3
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	Șerban Lungu, Ovidiu Aurel Pop	Modelarea circuitelor electronice, 2006, ISBN 973-686-975-X, 978-973-686-975-4	Editura Casa Cărții de Știință, Cluj-Napoca	2006		
2	Gabriel Chindris, Ovidiu Aurel Pop, Grațiela Deak	Simularea și modelarea avansată a circuitelor electronice, 2002, ISBN 973-686-267-4	Editura Casa Cărții de Știință, Cluj-Napoca	2002		
3	Ovidiu Aurel Pop	Proiectare asistată de calculator, 2007, ISBN 978-973-713-169-X, 978-973-713-169-0	Editura Mediamira, Cluj-Napoca	2007		

A1.2.1. Material didactic/lucrari didactice					Punctaj	Numar
					30	3
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	A. Grama, O. Pop, Ș. Lungu	Dispozitive Electronice – lucrări practice, 2011, ISBN 978-973-662-658-6	Cluj-Napoca, ed. UT Press,	2011		
2	Ovidiu Pop, Raul Fizesan, Gabriel Chindris	Proiectare asistata de calculator-Aplicatii,	U.T.Press Cluj-Napoca	2013		
3	Raul Fizesan,Ovidiu Pop, Gabriel Chindris	Computer Aided Design-Laboratory Applications	U.T.Press Cluj-Napoca	2015		

Activitatea de cercetare (A2)

A2.1. Articole in reviste cotate si in volumele unor manifestari indexate ISI Proceedings						Punctaj	Numar	FI cumulat
						320.380	28	8.720
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. autori	Punctaj			
1	M.S.Gabor, T.Petrisor Jr., O.A.Pop, S.Colis, C.Tiusan	Temperature dependence of the perpendicular magnetic anisotropy in Ta/Co ₂ FeAl/MgO structures probed by Anomalous Hall Effect, Journal of Magnetism and Magnetic Materials, Volume 392, 2015, Pages 79–82, doi:10.1016/j.jmmm.2015.05.013, WOS:000355552400011	1.97	5	12.880			
2	Ovidiu Pop	Analysis and Simulation of Quasi-Resonant Inverter for Induction Heating Applications , 49th International Universities' Power Engineering Conference, Cluj-Napoca, Romania, 2-5 Sept. 2014,Page(s): 1 - 4 Print ISBN: 978-1-4799-6556-4 , DOI: 10.1109/UPEC.2014.6934831	0.25	1	30.000			
3	Raul Fizesan, Ovidiu Pop	Parameterized PI SPICE platforms for AC and Time-Domain Simulations, 49th International Universities' Power Engineering Conference, Cluj-Napoca, Romania, 2014	0.25	2	15.000			
4	Ceuca, Emilian; Pop, Ovidiu; Taut, Adrian	Practical Behavior of resonant converters in home applications , 36th International Semiconductor Conference (CAS) , Natl Inst Res & Dev Microtechnologies, Sinaia, ROMANIA Date: OCT 14-16, 2013,Pages: 293-296, ISSN :1545-827X ,E-ISBN :978-1-4673-5672-5,Print ISBN:978-1-4673-5670-1,INSPEC Accession Number:13974258 , DOI:10.1109/SMICND.2013.6688680 , WOS:000330180800058	0.25	3	10.000			
5	A. Taut, O. Pop, A. Grama, C. Farcas	Electronic ballast in half-bridge configuration with power factor correction”, 2013 IEEE 19th International Symposium for Design and Technology in Electronic Packaging (SIITME), Galati, Romania, 24-27 Oct. 2013,Page(s): 237 - 240, INSPEC Accession Number: 14117282 , DOI: 10.1109/SIITME.2013.6743681 , WOS:000347562900041	0.25	4	7.500			

6	Adrian TAUT, Serban LUNGU, Ovidiu POP	Educational Platform for Closed-loop Simulation of Power Converters, 32nd International Spring Seminar on Electronics Technology, 2009, Brno, Cehia, ISBN: 978-1-4244-4260-7, INSPEC Accession Number: 10837822, Digital Object Identifier : 10.1109/ISSE.2009.5207009, WOS:000277445500082	0.25	3	10.000
7	Ionel H. BACIU, Adrian TAUT, Ovidiu POP, Serban LUNGU	Advanced Simulation of a Load Variation in Induction Heating Systems, 32nd International Spring Seminar on Electronics Technology, 2009, Brno, Cehia, ISBN: 978-1-4244-4260-7, INSPEC Accession Number: 10837817 , Digital Object Identifier : 10.1109/ISSE.2009.5207004, WOS:000277445500086	0.25	4	7.500
8	Ovidiu Pop, Adrian Taut	Analysis and simulation of a half-bridge inverter , 32nd International Spring Seminar on Electronics Technology, 2009, Brno, Cehia, ISBN: 978-1-4244-4260-7 , INSPEC Accession Number: 10837818, Digital Object Identifier : 10.1109/ISSE.2009.5207005, WOS:000277445500087	0.25	2	15.000
9	Ovidiu Pop, Serban Lungu, Gabriel Chindris	Influence of Power Consumption over the Input Current Harmonics Pollution for a Half-Bridge Power Inverter, 31st International Spring Seminar on Electronics Technology, ISSE 2008, Budapesta, Ungaria, ISBN 978-963-06-4915-5, INSPEC Accession Number: 10905997, Digital Object Identifier : 10.1109/ISSE.2008.5276584, WOS:000272337900134	0.25	3	10.000
10	Zolog Monica, Pitica Dan, Pop Ovidiu	Characterization of Spiral Planar Inductors Built on Printed Circuit Boards, 30th International Spring Seminar on Electronics Technology, ISSE2007, Cluj-Napoca, Romania, ISBN 978-973-713-174-4, IEEExplore D.O.I. 10.1109/ISSE.2007.4432869, WOS:000255232500059	0.25	3	10.000
11	Paul Bechet, Radu Mitran, Ovidiu Pop, Iulian Bouleanu	Measuring Adjacent Channel Power for Tactical Signals, XVII International Conference on Electromagnetic Disturbances – EMD'2007, 2007 Białystok, Poland, Pages: 43-48, WOS:000253291700008	0.25	4	7.500

12	Ovidiu Pop, Serban Lungu	Switching Mode Power Converters Modeling with Parasitic Components, 30th International Spring Seminar on Electronics Technology, ISSE2007, Cluj-Napoca, Romania, pag.545-550, ISBN 978-973-713-174-4, IEEEXplore D.O.I. 10.1109/ISSE.2007.4432916 , WOS:000255232500106	0.25	2	15.000
13	Ovidiu Pop, Serban Lungu, Gabriel Chindris	Near Sinusoidal DSP Based Power Inverter, The 29th International Spring Seminar on Electronics Technology, ISSE 2006, Dresda, Germania, INSPEC Accession Number: 9702867, Digital Object Identifier : 10.1109/ISSE.2006.365162, WOS:000246825800056	0.25	3	10.000
14	Dan Pitica, Serban Lungu, Ovidiu Pop, Ionut Ciocan	Matlab Based Platform for Anti-Perturbative Design of Digital Connections, Electronics System-Integration Technology Conference, 2006, Dresda, Germania, ISBN 1-4244-0553-x, INSPEC Accession Number: 9241564, Digital Object Identifier : 10.1109/ESTC.2006.280074, WOS:000241425800105	0.25	4	7.500
15	Gabriel Chindris, Ovidiu Aurel Pop	System on Chip Design for multiple output switching regulators, 28th International Spring Seminar on Electronics Technology, Viena, Austria, 2005, ISBN 0-7803-9324-4, pp. 199-204 – DOI.10.1109/ISSE.2005.1491029, WOS:000232402300040	0.25	2	15.000
16	Ovidiu Pop, Serban Lungu , Gabriel Chindris	An Investigation into EMC Emission from SEPIC Based Switch Mode Power Supply in Discontinuous Conduction Mode, 28th International Spring Seminar on Electronics Technology, 2005, Viena, Austria, ISBN 0-7803-9324-4, pp.205-210 – Indexare IEEEXplore D.O.I.10.1109/ISSE.2005.1491030, WOS:000232402300041	0.25	3	10.000
17	Pop Ovidiu, Chindriş G., Dulf A	Using DSP Technology for True Sine PWM Generators for Power Inverters, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.141-146, 2004 – Indexare IEEEXplore INSPEC Accession Number 8496525, WOS:000230638000030	0.25	3	10.000

18	Chindriș G., Pop Ovidiu	Integrating Power Quality Sensors in a Wireless Network, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.153-157, 2004 Indexare IEEEExplore INSPEC Accession Number 8496526, WOS:000230638000032	0.25	2	15.000
19	Chindriș G., Hedesiu H., Pop Ovidiu	Developing Power Line Carrier Applications on Embedded Systems, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.158-161, 2004 - Indexare IEEEExplore INSPEC Accession Number 8496527, WOS:000230638000033	0.25	3	10.000
20	Mureșan M., Lungu Ș, Pop Ovidiu	Modern education Methods in Extracting Power Factor Preregulator's Parameters, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.393-397, 2004, Indexare IEEEExplore INSPEC Accession Number 8496534, WOS:000230638000081	0.25	3	10.000
21	Lungu Ș., Pop Ovidiu, Chindriș G	Educational Platform for Modeling of Zero-Voltage Switching Quasi-Resonant Boost Converters, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.147-152, 2004 - Indexare IEEEExplore INSPEC Accession Number 8487636, WOS:000230638000031	0.25	3	10.000
22	Dan Pitică, Șerban Lungu, Ovidiu Pop	Signal Integrity Face to Face with EMC in PCB Design, 26th International Spring Seminar on Electronics Technology, Kosice, Slovacia, ISBN 0-7803-8002-9, pp.278-283, 2003 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2003.1260531, INSPEC Accession Number 8604632, WOS:000188174400059	0.25	3	10.000
23	Pop Ovidiu, Chindriș G.	DSP's Based Energy Meter, 26th International Spring Seminar on Electronics Technology, Kosice, Slovacia, ISBN 0-7803-8002-9, pp.235-238, 2003 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2003.1260523, INSPEC Accession Number 8604624, WOS:000188174400051	0.25	2	15.000

24	Gabriel Chindris, Ovidiu Pop	Dynamic Reconfiguration of System-on-Chip Devices, 26th International Spring Seminar on Electronics Technology, Kosice, Slovakia, ISBN 0-7803-8002-9, pp.154-157,2003 – Indexare IEEEExplore D.O.I. 10.1109/ISSE.2003.1260505, INSPEC Accession Number 8604607, WOS:000188174400033	0.25	2	15.000
25	Ovidiu Pop, Gabriel Chindris, Alin Grama, Florin Hurgoi	Power Factor Correction Circuit with a New Modified SEPIC Converter, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.117-120, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931026, INSPEC Accession Number 7081009, WOS:000170861900026	0.25	4	7.500
26	Liviu Viman, Gabriel Chindris, Ovidiu Pop	A New Method for Using Orcad Applications on a Network, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.238-242, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931068, INSPEC Accession Number 7086342, WOS:000170861900054	0.25	3	10.000
27	Gabriel Chindris, Ovidiu Pop, Alin Grama, Florin Hurgoi	New Pspice Model for Power MOSFET Devices, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.158-162, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931039, INSPEC Accession Number 7081019, WOS:000170861900036	0.25	4	7.500
28	Alin Grama, Florin Hurgoi, Gabriel Chindris, Ovidiu Pop	Design Principles for Modeling and Simulations of Microwave Circuits, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.102-106, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931023, INSPEC Accession Number 7081006, WOS:000170861900023	0.25	4	7.500

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)					Punctaj	Numar
					152.333	23
Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. autori	Punctaj	
1	A. Taut, O. Pop, I. Baciuc,	Tool for Design and Simulation of Flyback Converters, 38th International Spring Seminar on Electronics Technology, 2015, ISBN 978-1-4799-8860-0, page 505 – 509, DOI:10.1109/ISSE.2015.7248053	IEEExplore, Scopus, GoogleScholar	3	6.67	
2	Taut, Adrian; Daraban, Mihai; Pop, Ovidiu; Chindris, Gabriel; Fizesan, Raul,	Mathematical analysis to control power transfer in resonant power converters , Design and Technology in Electronic Packaging (SIITME), 2015 IEEE 21st International Symposium for , 2015 , Pages: 253 - 256, DOI: 10.1109/SIITME.2015.7342335	IEEExplore, Scopus, GoogleScholar	4	5.00	
3	Fizesan, Raul; Pop, Ovidiu; Taut, Adrian,	Why the mounting inductance is important in designing a Power Distribution Network?, Design and Technology in Electronic Packaging (SIITME), 2015 IEEE 21st International Symposium for , 2015 , Pages: 191 - 194, DOI: 10.1109/SIITME.2015.7342309	IEEExplore, Scopus, GoogleScholar	3	6.67	
4	Taut, A.; Pop, O.; Ceuca, E.	System for energy recovering with BLDC motor at deceleration momentum, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648261, pag. 299–304	IEEExplore, Scopus, GoogleScholar	3	6.67	
5	Taut, Adrian; Pop, Ovidiu; Baciuc, Ionel; Daraban, Mihai	A Matlab tool for determining the parameters of power DC-DC non isolated converters, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648286, pag. 423–427	IEEExplore, Scopus, GoogleScholar	4	5.00	
6	Pop, Ovidiu; Taut, Adrian; Grama, Alin; Ceuca, Emilian	Analysis and simulation of LCLR converters, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648258, pag. 286–28	IEEExplore, Scopus, GoogleScholar	4	5.00	

7	Fizesan, Raul; Pitica, Dan; Pop, Ovidiu	2D and 3D representations of the noise in a PCB using analytical methods, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648285, pag. 419–422	IEEExplore, Scopus, GoogleScholar	3	6.67
8	Ceuca, E.; Tulbure, A.; Taut, A.; Pop, O.; Farkas, I	Embedded system for remote monitoring of OBD bus, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648262, pag. 305–308	IEEExplore, Scopus, GoogleScholar	5	4.00
9	Raul Fizesan, Ovidiu Pop	A MATLAB tool to optimize the selection of the decoupling capacitors in a PDN, IEEE 18th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2012 , Alba Iulia, Romania, pag. 223 - 226 , ISBN: 978-1-4673-4757-0, INSPEC Accession Number: 13195867, Digital Object Identifier : 10.1109/SIITME.2012.6384380	IEEExplore, Scopus, GoogleScholar	2	10.00
10	Adrian Taut, Ovidiu Pop,	A Matlab tool for simulations of power resonant converters, IEEE 18th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2012 , Alba Iulia, Romania, pag.295-298, ISBN: 978-1-4673-4757-0, INSPEC Accession Number: 13195881, Digital Object Identifier : 10.1109/SIITME.2012.6384395	IEEExplore, Scopus, GoogleScholar	2	10.00
11	A . Grama, A. Taut, O. Pop	Cad Tool for a Class E Tuned Power Amplifier Design, 34th International Spring Seminar on Electronics Technology, Slovakia, Mai 11-15,2011, pag. 637 - 640 , ISSN : 2161-2528, Print ISBN: 978-1-4577-2111-3, INSPEC Accession Number: 12354258, Digital Object Identifier : 10.1109/ISSE.2011.6053966	IEEExplore, Scopus, GoogleScholar	3	6.67
12	A Taut, O. Pop, A . Grama, S. Lungu	Educational Matlab tool for simulating of Forward Converters, 34th International Spring Seminar on Electronics Technology, Slovakia, Mai 11-15,2011, pag. 641 – 644, ISSN : 2161-2528, Print ISBN: 978-1-4577-2111-3, INSPEC Accession Number: 12340681, Digital Object Identifier : 10.1109/ISSE.2011.6053967	IEEExplore, Scopus, GoogleScholar	4	5.00

13	Ovidiu Pop, Adrian Tau	Analysis and simulation of power inverter with load variation for induction heating applications, 33rd International Spring Seminar on Electronics Technology, 2010, Warsaw, Poland, ISBN: 978-1-4244-7849-1, pp. 378 - 382 , IEEE Xplore INSPEC Accession Number: 11487997, Digital Object Identifier: 10.1109/ISSE.2010.5547326	IEEEExplore, Scopus, GoogleScholar	2	10.00
14	Serban Lungu, Ovidiu Pop, Adrian Taut	Educational Platform for Study of Operational Amplifiers using Matlab, 33rd International Spring Seminar on Electronics Technology, 2010, Warsaw, Poland, ISBN: 978-1-4244-7849-1, pp 521 – 524, IEEE Xplore INSPEC Accession Number: 11488009, Digital Object Identifier: 10.1109/ISSE.2010.5547335	IEEEExplore, Scopus, GoogleScholar	3	6.67
15	Lucian Man, Ovidiu Pop, Adrian Taut	Packaging and thermal analysis of a power inverter for inductive heating applications, 2010 IEEE 16th International Symposium for Design and Technology in Electronic Packaging (SIITME), Pitesti, Romania, ISBN: 978-1-4244-8123-1, pp. 279-282, INSPEC Accession Number: 11678924, Digital Object Identifier: 10.1109/SIITME.2010.5650842	IEEEExplore, Scopus, GoogleScholar	3	6.67
16	Adrian Taut, Ovidiu Pop, Serban Lungu	Power transformers model used for inverters simulations, 2010 IEEE 16th International Symposium for Design and Technology in Electronic Packaging (SIITME), Pitesti, Romania, ISBN: 978-1-4244-8123-1, pp. 279-282, INSPEC Accession Number: 11687988, Digital Object Identifier: 10.1109/SIITME.2010.5649130	IEEEExplore, Scopus, GoogleScholar	3	6.67
17	Adrian TAUT, Alin GRAMA, Ovidiu POP, Serban LUNGU	“Power Converters Study Regarding the ESR of an SUPERCAPACITOR”, 15th International Symposium for Design and Technology of Electronics Packages – SIITME, 17-20 septembrie 2009, Gyula, Ungaria, E-ISBN : 978-1-4244-5133-3, Print ISBN: 978-1-4244-5132-6, INSPEC Accession Number: 11119717, Digital Object Identifier : 10.1109/SIITME.2009.5407360	IEEEExplore, Scopus, GoogleScholar	4	5.00

18	Farcas, C.; Palaghita, N.; Petreus, D.; Pop, O	Virtual laboratory of materials for electronics, 15th International Symposium for Design and Technology of Electronics Packages – SIITME, 17-20 septembrie 2009, Gyula, Ungaria, E-ISBN : 978-1-4244-5133-3, Print ISBN: 978-1-4244-5132-6, Digital Object Identifier : 10.1109/SIITME.2009.5407336	IEEExplore, Scopus,	4	5.00
19	Ovidiu Pop, Dan Pitica	Masurarea parametrilor de performanta ai retelei electrice, ECOTERRA-Journal of Environmental Research and Protection, NUMĂRUL 6(21)/2009, ISSN 1584-7071	CABI, Index Copernicus, Ulrichs	2	10.00
20	Ovidiu Pop, Gabriel Chindriș, Silviu Pleșa	Spice model for quasi-resonant converters control circuit, Acta Technica Napocensis, Vol.41, nr.1, Cluj-Napoca, ISSN 1221-6542, pp.57-62, 2001	GoogleScholar, IndexCopernicus	3	6.67
21	Lungu Ș, Pop Ovidiu, Pleșa S., Chindriș G	Study and Design of the PFC Single-Stage Switching Regulators, Acta Tehnica Napocensis, vol 38, nr.1, Cluj-Napoca, 1998	GoogleScholar, IndexCopernicus	4	5.00
22	S Lungu, S Plesa, O Pop	A NEW SPICE MODEL OF THE BAND- GAP VOLTAGE REFERENCES, Acta Tehnica Napocensis, vol 37, nr.2, Cluj-Napoca, 1997	GoogleScholar	3	6.67
23	Lungu Ș, Pop Ovidiu, Pleșa S.	Spice Model for Zero Current Switching Quasi-Resonant Buck Converter, Acta Tehnica Napocensis, vol 37, nr.2, Cluj-Napoca, 1997	GoogleScholar, IndexCopernicus	3	6.67

A2.4.1.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - internationale					Punctaj	Numar
					40	2
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		
1	Proiect nr. 3/5.03.2008, Diehl-AKO Stiftung&Co.Kg Germania– Universitatea Tehnică din Cluj-Napoca: Induction Heating for Home Appliances -“Ind_Cook Project” (valoare 16544 Euro) – director de proiect	2008	1	20		
2	Contract de cercetare cu mediul social și de afaceri, nr. 22896/13.06.2006, Diehl AKO & Co. – Universitatea Tehnică din Cluj-Napoca: “Oven temperature Control Unit” – director de proiect;	2006-2007	1	20		

A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - nationale					Punctaj	Numar
					50	3
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		
1	Contract POS CCE Axa 2 Domeniul „Competitivitate prin Cercetare, Dezvoltare Tehnologică și Inovare”, Denumire Proiect: „Integrator De Masurare In Marketing Si Audienta Media / IMMAM”, ID / Cod SMIS: 1594 / 44785, Nr. Contract: 562 / 2013-2014, Responsabil stiintific	2013-2014	2	20		
2	Contract POSCCE-A2- O2.3.1 -2008-1- ETAPA V, 2010 Studii si cercetari privind realizarea unei instalatii mobile cu microunde pentru tratarea fitosanitara a materialelor celulozice si de natura minerala, ID:992, Cod SMIS 28211,2011-2013, Valoare totala: 932.471,00 le, responsabil tehnico -stiintific al proiectului	2011-2013	2	20		
3	Contract 21614/2011 Metode inovative de masurare in marketing si audienta media	2011	1	10		

A2.4.2.1. Granturi/proiecte castigate prin competitie: membru in echipa - internationale					Punctaj	Numar
					76	8
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		
1	Contract de cercetare cu mediul social și de afaceri, nr. 22379/8.11.2006, Continental GmbH Germany– Universitatea Tehnică din Cluj-Napoca: “ITEC-Conti Cooperation”	2006-2015	8	32		
2	C Type Contract with CNCSU, World Bank, Flexible Systems for Monitoring and Analyzing Environmental Quality, director Prof. Ș. Lungu, PhD	2000-2002	3	12		
3	Grant CNFIS de dezvoltare - Banca Mondiala nr. 67/1997, tip D,:European Standards in Information Technology and Electronics Curricula, 1997-1999.	1997-1999	3	12		
4	Contract de cercetare cu mediul social și de afaceri, nr. 25956/13.12.2006, Continental GmbH Germany – Universitatea Tehnică din Cluj-Napoca: “ECU Tester Unit”	2006-2007	1	4		
5	Contract de cercetare cu mediul social și de afaceri, nr. 17689/1.05.2006, Continental GmbH Germany – Universitatea Tehnică din Cluj-Napoca: “Asynchronous Motor Control Unit for Automotive Applications”	2006-2007	1	4		

6	Contract de cercetare cu mediul social și de afaceri, nr. 13457/10.08.2005, Continental GmbH Germany – Universitatea Tehnică din Cluj-Napoca: “Interface Hardware Unit	2005-2006	1	4
7	Contract de cercetare FRAUNHOFER-INSTITUT FUER ZUVERLAESSIGKEIT UND MIKROINTEGRATION– Universitatea Tehnică din Cluj-Napoca	2007	1	4
8	Contract de cercetare cu mediul social și de afaceri, nr. 10531/13.06.2006, Blatand GmbH– Universitatea Tehnică din Cluj-Napoca: “Heart rate wireless monitor”	2006-2007	1	4

A2.4.2.2. Granturi/proiecte castigate prin competitie: membru in echipa - nationale				Punctaj	Numar
				58	12
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	LProiect: Rețea Națională de Formare CONTinuă a CadrelOR Didactice din Învățământul Preuniversitar Profesional și Tehnic – CONCORD Cod Proiect: 61397, 2012	2012	1	2	
2	PNII-71019/2007, Optoelectronic Equipment and Innovative Method of High Precision and Sensitivity Based on Non-Conventional Fluorescence Spectrometry for Testing and Control of Some Environmental Agents (FLUOROSPEC), director Prof. D. Petreuş, PhD	2007-2010	3	6	
3	Contract de cercetare cu mediul social și de afaceri, nr. 7705/11.06.2011, SC Continental Automotive SRL Timisoara, – Universitatea Tehnică din Cluj-Napoca: “Sisteme de testare HW & SW in automotive”,	2011-2012	2	4	
4	Parteneriate-D21018/2007, Energetic-Optimized Electric Systems for Land Transportation Using Batteries and Supercapacitors (TRANS-SUPERCAP), director Prof. D. Petreuş, PhD	2007-2010	3	6	
5	Miniaturized Equipment of high sensitivity for Multielemental determination in Environmental and Food Samples using Capacitively Coupled Plasma Microtorch Atomic Emission Spectrometry (MICROCCP	2012-2016	4	8	
6	AT-771/2005, A8, Intelligent Interfaces for Reliability, Reconstruction and Computerization of Tracking Systems for Hydro Technical Buildings Behavior	2005-2006	2	4	

7	AT-26/575, Senzori inteligenti radiocalibrabili pe platformeSystem-on-Chip (SOC),2002-2003	2002-2003	2	4
8	Contract de cercetare cu mediul social și de afaceri, nr. /2002, SC Trend SRL Alba-Iulia, – Universitatea Tehnică din Cluj-Napoca: “Sisteme de automatizare a utilajelor din industria usoara”, 2002	2002	1	2
9	Grant de cercetare CNCSIS, tip AT, tema 8/232, 2001, contract nr.-Sistem de monitorizare și control ale stațiilor de tratare a apei potabile,2001-2002.	2001-2002	2	4
10	Grant de cercetare CEEEX 54/M1/INFOSOC/2006- Cercetari privind masurarea deplasarilor miocrometrice ale structurii unei centrale hidroelectrice subterane,2006	2006-2008	3	6
11	Grant de cercetare CNCSIS tema nr. B15, 6113/2000-2001 , – Sistem electronic de masurare si monitorizare automata a deformatiilor in betonul armat precomprimat, 2000. Director grant: S.I. ing. Silviu Plesa; membru în echipa de cercetare.	2000-2001	2	4
12	Contract program MENER/082-2001, 2001-2004, “Mediu integrat de urmarire si analiza a comportarii constructiilor hidrotehnice”, valoare 1.100.000 mii lei din care 440.000 mii lei pentru Universitatea Tehnica din Cluj Napoca, director Prof. dr. ing Dan Pitica	2001-2004	4	8

Recunoasterea si impactul activitatii (A3)

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)				Punctaj	Numar
				104.667	33
Nr.	Articol citat	Articol care citeaza	Num autori art.citat	Punctaj	
1	Pop Ovidiu, Chindriș G., Dulf A., Using DSP Technology for True Sine PWM Generators for Power Inverters, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.141-146, 2004 – Indexare IEEEExplore INSPEC Accession Number 8496525	Kirubakaran, K. ; Jain, Shailendra ; Nema, R.K., DSP-Controlled Power Electronic Interface for Fuel-Cell-Based Distributed Generation,Power Electronics, IEEE Transactions on (Volume:26 , Issue: 12), 05 April 2011, pag. 3853 - 3864, ISSN 0885-8993 , INSPEC Accession Number:12391171, DOI: 10.1109/TPEL.2011.2138162	3	2.667	

2		Matthew C. Trigg, Hooman Dehboneia & Chem V. Nayara, Digital sinusoidal PWMs for a micro-controller based single-phase inverter, Part 1: Principles of digital sinusoidal PWM generation, International Journal of Electronics, Volume 95, Issue 8, 2008 ,pages 819-840, DOI: 10.1080/00207210802180261	3	2.667
3		Cuma, M. U., Teke, A., Tümay, M., Bayindir, K. Ç. and Özgür, M. S. (2011), Experimental architecture of a DSP based signal generation for PWM inverter. Comput. Appl. Eng. Educ., 19: 561–571. doi: 10.1002/cae.20336	3	2.667
4		Soto, Angel J. ;Mandolesi, Pablo S. ;Oliva, Alejandro R., ASIC for Isolated Power Inverters , 2013 7th Argentine School of Micro-Nanoelectronics, Technology and Applications (Eamta) , pag. 66-71, WOS:000335559200012	3	2.667
5		Kairous, D. ;Wamkeue, R. ;Beaudoin, J. J., DSP-Based SVM Generation Algorithm For DFIM, 2013 IEEE Electrical Power & Energy Conference (Epec), IEEE Electrical Power and Energy Conference (EPEC), Aug 21-23, 2013, Halifax, CANADA, ISBN 978-1-4799-0106-7 , WOS:000341095400036	3	2.667
6	Ovidiu Pop, Gabriel Chindris, Alin Grama, Florin Hurgoi, Power Factor Correction Circuit with a New Modified SEPIC Converter, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.117-120, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931026, INSPEC Accession Number 7081009	Kanaan, Hadi Y.; Somers, Cedric; Al-Haddad, Kamal, Design and Implementation of a Modified Sheppard-Taylor Power Factor Corrector Operating in Discontinuous Capacitor Voltage Mode and Very Low Output Voltage Level, 39th Annual Conference of the IEEE Industrial-Electronics-Society (IECON) Location: Vienna, AUSTRIA, Book Series: IEEE Industrial Electronics Society Pages: 7758-7762, 2013	4	2.000

7		Shen, CL; Chen, CC, A sepic-type single-stage electronic ballast to achieve high power factor and reduce voltage stress, 21st Annual IEEE Applied Power Electronics Conference (APEC 2006) Location: Dallas, TX Date: MAR 19-23, 2006 , Book Series: Annual IEEE Conference on Applied Power Electronics Conference and Exposition (APEC) Pages: 407-410 Published: 2006	4	2.000
8	Ovidiu Pop, Serban Lungu, Gabriel Chindris, Near Sinusoidal DSP Based Power Inverter, The 29th International Spring Seminar on Electronics Technology, ISSE 2006, Dresda, Germania, INSPEC Accession Number: 9702867, Digital Object Identifier : 10.1109/ISSE.2006.365162	Liou, W.-R.a , Villaruza, H.M.b , Yeh, M.-L.c , Roblin, P., A digitally controlled low-EMI SPWM generation method for inverter applications, IEEE Transactions on Industrial Informatics Volume 10, Issue 1, February 2014, Article number 6512018, Pages 73-83	3	2.667
9	Zolog Monica, Pitica Dan, Pop Ovidiu, Characterization of Spiral Planar Inductors Built on Printed Circuit Boards, 30th International Spring Seminar on Electronics Technology, ISSE2007, Cluj-Napoca, Romania, ISBN 978-973-713-174-4, IEEEExplore D.O.I. 10.1109/ISSE.2007.4432869	Nguyen, M.Q. , Hughes, Z., Woods, P., Seo, Y.-S., Rao, S., Chiao, J.-C. , Field distribution models of spiral coil for misalignment analysis in wireless power transfer systems, IEEE Transactions on Microwave Theory and Techniques, Volume 62, Issue 4, April 2014, Article number 6729099, Pages 920-930	3	2.667
10		Jegadeesan, Rangarajan; Guo, Yong-Xin, Topology Selection and Efficiency Improvement of Inductive Power Links, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION Volume: 60 Issue: 10 Pages: 4846-4854 Published: OCT 2012	3	2.667

11		Wu, Wei; Fang, Qiang, Design and Simulation of Printed Spiral Coil used in Wireless Power Transmission Systems for Implant Medical Devices, 33rd Annual International Conference of the IEEE Engineering-in-Medicine-and-Biology-Society (EMBS) Location: Boston, MA Date: AUG 30-SEP 03, 2011, Book Series: IEEE Engineering in Medicine and Biology Society Conference Proceedings Pages: 4018-4021 2011	3	2.667
12		Jegadeesan, Rangarajan; Guo, Yong-Xin, Evaluation and Optimization of High Frequency Wireless Power links, EEE International Symposium on Antennas and Propagation (APSURSI)/USNC/URSI National Radio Science Meeting Location: Spokane, WA Date: JUL 03-08, 2011, Book Series: IEEE Antennas and Propagation Society International Symposium Pages: 400-403 Published: 2011	3	2.667
13		Jegadeesan, Rangarajan; Guo, Yong-Xin; Xue, Rui-Feng; et al., An Efficient Wireless Power Link for Neural Implant, 5th IEEE International Symposium on Radio-Frequency Integration Technology (RFIT) Location: Singapore, SINGAPORE Date: NOV 21-23, 2012 , Pages: 122-124 Published: 2012	3	2.667
14	Ovidiu Pop, Serban Lungu, Switching Mode Power Converters Modeling with Parasitic Components, 30th International Spring Seminar on Electronics Technology, ISSE2007, Cluj-Napoca, Romania, ISBN 978-973-713-174-4, IEEEXplore D.O.I. 10.1109/ISSE.2007.4432916	Li, Tin-ho; Wang, Jianjing; Chung, Henry Shu-hung, Effect of Parasitic Elements in a Power Converter on the Switching Performance of a MOSFET-Snubber-Diode Configuration, 26th Annual IEEE Applied Power Electronics Conference and Exposition (APEC) Location: Ft Worth, TX Date: MAR 06-10, 2011 , Book Series: Annual IEEE Conference on Applied Power Electronics Conference and Exposition (APEC) Pages: 364-371 Published: 2011	2	4.000

15	Taut, A., Pop, O., A Matlab tool for simulations of power resonant converters (2012) 2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages, SIITME 2012 - Conference Proceedings, art. no. 6384395, pp. 295-298. Cited 4 times. ISBN: 978-146734759-4 doi: 10.1109/SIITME.2012.6384395	Ceuca, E. , Brezeanu, Gh., Practical behavior of charging applications and command strategy in wireless power supplies (Conference Paper), Proceedings of the International Semiconductor Conference, CAS, 24 November 2014, Article number 6966431, Pages 189-192, 37th International Semiconductor Conference, CAS 2014; Sinaia; Romania; 13 October 2014 through 15 October 2014; Category number CFP14CAS-PRT; Code 109447	2	4.000
16	Ovidiu Pop, Adrian Taut, Analysis and simulation of a half-bridge inverter , 32nd International Spring Seminar on Electronics Technology, 2009, Brno, Cehia, ISBN: 978-1-4244-4260-7 , INSPEC Accession Number: 10837818, Digital Object Identifier : 10.1109/ISSE.2009.5207005	H Sarnago, O Lucia Gil, A Mediano, JM Burdío , Analytical Model of the Half-Bridge Series Resonant Inverter for Improved Power Conversion Efficiency and Performance, Power Electronics, IEEE Transactions on (Volume:PP , Issue: 99) Page(s):1 ISSN :0885-8993,2015	2	4.000
17	Pop, O. & Lungu, S. (October 2010). Modelling of DC-DC Converters, In: Matlab - Modelling, Programming and Simulations, Emilson Pereira Leite, pp. 125-150, Scyio, ISBN 978-953-307-125-1, Vukovar, Croatia.	Boscaino, V.; Miceli, R.; Capponi, G.; et al., A review of fuel cell based hybrid power supply architectures and algorithms for household appliances, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 39 Issue: 3 Pages: 1195-1209 Published: JAN 16 2014, Elsevier	2	4.000
18		Boscaino, V.; Capponi, G.; , MATLAB Co-Simulation Tools for Power Supply Systems Design , in:"MATLAB for Engineers - Applications in Control, Electrical Engineering, IT and Robotics", ISBN 978-953-307-914-1, 2011	2	4.000

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20	Pop Ovidiu, Chindriş G., DSP's Based Energy Meter, 26th International Spring Seminar on Electronics Technology, Kosice, Slovacia, ISBN 0-7803-8002-9, pp.235-238 ,2003 - Indexare IEEEXplore D.O.I. 10.1109/ISSE.2003.1260523, INSPEC Accession Number 8604624	Islam, Md. Manirul; Ahmad, Mohiuddin; Islam, Md. Ajijul; et al., Electronic Energy Meter with Remote Monitoring and Billing System, 7th International Conference on Electrical and Computer Engineering, 2012	2	4.000
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22		W. A. Souza, F. P. Marafão, Member, E. V. Liberado, I. S. Diniz and P. J. A. Serni, Power Quality, Smart Meters and Additional Information from Different Power Terms, IEEE LATIN AMERICA TRANSACTIONS, VOL. 13, NO. 1, JAN. 2015	2	4.000
23		Muresan, Marius; Pitica, Dan, Simulating Embedded Targets for Efficient Code Implementation, 2009 32ND INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 498-501 Published: 2009 , WOS:000364087800219	2	4.000

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25	Chindriş G., Pop Ovidiu, Integrating Power Quality Sensors in a Wireless Network, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.153-157, 2004 Indexare IEEEExplore INSPEC Accession Number 8496526	Tan, Minsheng; Tian, Haitao; Chen, Qiong, Ammeter Interface Device and Monitoring System Based on Wireless Sensor Networks, International Conference on Information Science, Automation and Material System Location: Zhengzhou, PEOPLES R CHINA Date: MAY 21-22, 2011 , Book Series: Advanced Materials Research Volume: 219-220 Pages: 900-903 Part: 1-6 Published: 2011	2	4.000
26	Gabriel Chindris, Ovidiu Pop, Alin Grama, Florin Hurgoi, New Pspice Model for Power MOSFET Devices, 24th International Spring Seminar on Electronics Technology, Calimanesti, Romania, ISBN 0-7803-7111-9, pp.158-162, 2001 - Indexare IEEEExplore D.O.I. 10.1109/ISSE.2001.931039, INSPEC Accession Number 7081019	Costinett, D. , Zane, R. , Maksimović, D. , Circuit-oriented modeling of nonlinear device capacitances in switched mode power converters , 2012 IEEE 13th Workshop on Control and Modeling for Power Electronics, COMPEL 2012; Kyoto; Japan; 10 July 2012 through 13 July 2012; Category numberCFP12COM-ART; Code 92840	4	2.000
27		Costinett, D. , Maksimovic, D. , Zane, Rc , Circuit-oriented treatment of nonlinear capacitances in switched-mode power supplies, IEEE Transactions on Power Electronics Volume 30, Issue 2, 1 February 2015, Article number 6778020, Pages 985-995	4	2.000
28		Wei, L. , Xu, G.-L., Chen, Q. , Li, G.-L., Wang, J.-Q., IGBT numerical modeling and application in three-level inverter, Huadong Ligong Daxue Xuebao/Journal of East China University of	4	2.000

		Science and Technology, Volume 38, Issue 5, October 2012, Pages 635-639		
29	Taut, A.; Pop, O.; Ceuca, E., System for energy recovering with BLDC motor at deceleration momentum, Proceedings of the 36th International Spring Seminar on Electronics Technology, 2013, ISBN 978-1-4799-0036-7, DOI: 10.1109/ISSE.2013.6648261, pag. 299–304	Helmbrecht, M.a , Olaverri-Monreal, C.a , Bengler, K.a , Vilimek, R.b , Keinath, A.b , How electric vehicles affect driving behavioral patterns , IEEE Intelligent Transportation Systems Magazine Volume 6, Issue 3, Fall 2014, Article number 6861528, Pages 22-32	3	2.667
30	Pop O., Taut A., Analysis and simulation of power inverter with load variation for induction heating applications , ISSE 2010 - 33rd International Spring Seminar on Electronics Technology: Polymer Electronics and Nanotechnologies: Towards System Integration - Conference Proceedings, , art. no. 5547326 , pp. 378-382.	Ceuca, E. , Brezeanu, Gh., Practical behavior of charging applications and command strategy in wireless power supplies (Conference Paper), Proceedings of the International Semiconductor Conference, CAS, 24 November 2014, Article number 6966431, Pages 189-192, 37th International Semiconductor Conference, CAS 2014; Sinaia; Romania; 13 October 2014 through 15 October 2014; Category number CFP14CAS-PRT; Code 109447	2	4.000
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32	G.Chindris, Ovidiu Pop, Dynamic Reconfiguration of System-on-Chip Devices, 26th International Spring Seminar on Electronics Technology, Kosice, Slovacia, ISBN 0-7803-8002-9, pp.154-157, 2003 – Indexare IEEEExplore D.O.I. 10.1109/ISSE.2003.1260505, INSPEC Accession Number 8604607, WOS:000188174400033	Muresan, Marius; Pitica, Dan, Simulating Embedded Targets for Efficient Code Implementation, 2009 32ND INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 498-501 Published: 2009 , WOS:000364087800219	2	4.000
33	16. Gabriel Chindris, Horia Hedesiu, Ovidiu Pop, Dual sensor System for Pressure and Temperature, The 8th International Symposium for Design and Technology of Electronic Modules, Cluj-Napoca, Romania, ISBN 973-9357-13-X, pp.53-56, 2002	Muresan, Marius; Pitica, Dan, Simulating Embedded Targets for Efficient Code Implementation, 2009 32ND INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 498-501 Published: 2009 , WOS:000364087800219	2	4.000

A3.1.2. Citari in reviste si volume ale unor manifestari stiintifice indexate in alte baze de date internationale (BDI)				Punctaj	Numar
				71.133	48
Nr.	Articol citat	Articol care citeaza /BDI	Numar autori art.citat	Punctaj	
1	Pop Ovidiu, Chindriș G., Dulf A., Using DSP Technology for True Sine PWM Generators for Power Inverters, 27th International Spring Seminar on Electronics Technology, Sofia, Bulgaria, ISBN 0-7803-8422-9, pp.141-146, 2004 – Indexare IEEEExplore INSPEC Accession Number 8496525	K. Boudjit, Real-Time Digital Control Using DSP of a Multiple Motors System , Journal of electrical systems, Special Issue N° 01 : November 2009, pp: 30-35	3	1.333	
2		Kirubakaran, A. ; Jain, Shailendra ; Nema, R.K., DSP controlled DC/DC boost converter for renewable/green power applications, Power Electronics, Drives and Energy Systems (PEDES) & 2010 Power India, 2010 Joint International Conference on , Page(s):1 - 6 Print ISBN:978-1-4244-7782-1	3	1.333	

3		Chandra, Surabhi; Bhalekar, Mandar; Umashankar, S.; Kothari, D P "Testing and hardware implementation of SPWM inverter using TMSF28335eZDSP", Circuits, Power and Computing Technologies (ICCPCT), 2013 International Conference on, On page(s): 494 - 499	3	1.333
4		Bhalekar, Mandar; Umashankar, S; Chandra, Surabhi; Vijayakumar, D; Kothari, D P "Development of a research platform for power electronic converter modeling in real time F28335 digital simulation applications using eZDSP", Circuits, Power and Computing Technologies (ICCPCT), 2013 International Conference on, On page(s): 511 - 516	3	1.333
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6		Islam, M.M. ;Rana, M.M. ;Mitul, A.F.; Khan, M.M.A., Microcontroller based power inverter for grid connected PV system , Green and Ubiquitous Technology (GUT), 2012 International Conference on ,Page(s):45 - 49 Print ISBN:978-1-4577-2172-4	3	1.333
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9		W. Razia Sultana, Sarat Kumar Sahoo, Hari Ohm Singh and Ankit Dubey, Implementation of Cascaded H-Bridge Multilevel Inverter using MATLAB-DSP (ezDSP28335) Interfacing, Research Journal of Applied Sciences, Engineering and Technology 7(17): 3553-3560, 2014 ISSN: 2040-7459; e-ISSN: 2040-7467, page 3553-3560	3	1.333
10		Zeroug, H. ; Boudjit, K. ; Kachroud, H. ; Sahraoui, H. , Speed synchronization control of multiple DC motors using DSP,2010 4th European Education and Research Conference (EDERC), Page(s):47 - 51 Print ISBN:978-0-9552047-4-6	3	1.333
11		Dahb, M.A.E.; Shiraishi, Y. ;Modeling and control of single phase inverter power supply, Proceedings of SICE Annual Conference 2011, Page(s):2993 - 2996 ISSN :pending Print ISBN:978-1-4577-0714-8	3	1.333
12		Dahb, M.A.E.; Shiraishi, Y. ; Tatsuno, S. , Simulation based design for the inverter power supply, Proceedings of SICE Annual Conference 2010, Page(s):3121 - 3124 Print ISBN:978-1-4244-7642-8	3	1.333

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14		Wang Lihua; Wei Xue-ye; Zhang Jun-hong; “Design of sinusoidal photovoltaic inverter based on DSP.” Innovative Smart Grid Technologies-Asia(ISGT Asia), 2012 IEEE, vol., no., pp. 1-4, 21-24 May 2012	3	1.333
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A3.3.1. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI			Punctaj	Numar
			40	4
Nr.	Descriere	Perioada		
1	Reviewer- IEEE Transactions on Industrial Electronics, ISSN: 0278-0046	2012		
2	Reviewer- IEEE Transactions on Industrial Electronics, ISSN: 0278-0046	2014		
3	Reviewer- IEEE Transactions on Industrial Electronics, ISSN: 0278-0046	2015		
4	36th International Semiconductor Conference (CAS) , Natl Inst Res & Dev Microtechnologies, Sinaia, ROMANIA - recenzor 6 articole	2013		

A3.3.2. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate BDI			Punctaj	Numar
			72	12
Nr.	Descriere	Perioada		
1	ACTA TECHNICA NAPOCENSIS ELECTRONICA-TELECOMUNICATII (ELECTRONICS AND TELECOMMUNICATIONS)" ISSN 1221-6542 recenzor	2011		
2	ACTA TECHNICA NAPOCENSIS ELECTRONICA-TELECOMUNICATII (ELECTRONICS AND TELECOMMUNICATIONS)" ISSN 1221-6542 recenzor	2013		
3	ACTA TECHNICA NAPOCENSIS ELECTRONICA-TELECOMUNICATII (ELECTRONICS AND TELECOMMUNICATIONS)" ISSN 1221-6542 recenzor	2014		
4	Reviewer for Universal Journal of Electrical and Electronic Engineering	2015		
5	Recenzor International Journal of Power and Energy Systems	2008		
6	2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages, SIITME 2012 - recenzor	2012		
7	2013 International Spring Seminar on Electronics Technology - recenzor	2013		
8	Membru în comitetul de organizare 30th International Spring Seminar on Electronics Technology, ISSE2007, Cluj-Napoca	2007		
9	Membru în comitetul de organizare The 11th International Symposium for Design And Technology of Electronic Modules September 22-25, 2005, Cluj-Napoca ROMANIA	2005		
10	Membru în comitetul de organizare 49th International Universities' Power Engineering Conference, Cluj-Napoca, Romania, 2014	2014		
11	49th International Universities' Power Engineering Conference, Cluj-Napoca, Romania, 2014 - recenzor	2014		
12	17th International Conference on Power Electronics and Motion Control (PEMC) , 2016 recenzor	2016		

A3.4.1. Premii in domeniu: Academia Romana, ASTR, academii de ramura, premii internationale			Punctaj	Numar
			30	2
Nr.	Descriere	An		
1	Premiu Excellent Poster Award la Conferinta IEEE 18th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2012.	2012		
2	Premiu Excellent Poster Award la Conferinta IEEE 21th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2015.	2015		

A3.4.2. Premii in domeniu: nationale			Punctaj	Numar
			5	1
Nr.	Descriere	An		
1	SIITME 2002 – Best Poster Award Conferinta IEEE 8th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2002	2002		