

Fisa de verificare a standardelor minimale necesare si obligatorii pentru conferirea titlurilor didactice din invatamantul superior si a gradelor profesionale de cercetare stabilite prin OM 6129 / 2016

Candidat: **CEUCA IOAN EMILIAN**

Data: **10.01.2024**

Comisia: **Electronică, telecomunicații și nanotehnologie**

Punctaj total: **1371,889**

Postul vizat: **Profesor**

Scor=punctaj total/punctaj minim CNADCU: **1,614**

Nr.	Domeniul activitatilor			Subcategorii		Indicatori (kpi)	Numar	Punctaj
0	1	2	3	4		5	6	7
1	Activitatea didactica si profesionala (A1)	Carti de autor in edituri cu ISBN	Carti, monografii	A1.1.1.	internationale	50 (100)/nr.autori	0	0,00
		Capitole de specialitate in edituri cu ISBN	Capitole			12.5 (25)/nr.autori	0	0,00
		Carti de autor in edituri cu ISBN	Carti, monografii	A1.1.2.	nationale	50 /nr.autori	5	250,00
		Capitole de specialitate in edituri cu ISBN	Capitole			12.5/nr.autori	0	0,00
		Material didactic/lucrari didactice publicate in edituri cu ISBN	Manuale didactice	A1.2.1		40/nr. autori	0	0,00
Total punctaj (A1)								250,000
2	Activitatea de cercetare (A2)	Articole in reviste cotate ISI si lucrari in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+30 * fact.imp) /nr.autori	50	612,96
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale recunoscute (BDI)		A2.2		20/nr.autori	0	0,00
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35/nr.autori	0	0,00
				A2.3.2	nationale	25/nr.autori	0	0,00
		Granturi/proiecte castigate prin competitie sau contracte cu agenti economici in valoare de minim 10000 USD	Director / responsabil	A2.4.1.1	Internationale	20*ani desf.	2	120,00
				A2.4.1.2	nationale	10*ani desf.	2	70,00
			Membru in echipa	A2.4.2.1	Internationale	4*ani desf.	2	40,00
		A2.4.2.2	nationale	2*ani desf.	3	6,00		
Total punctaj (A2)								848,956
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	48	124,933
				A3.1.2	BDI	4/nr.aut art.citat	0	0,000
		Membru in colectivele de redactie sau comitetele stiintifice ale revistelor indexate ISI, chair, co-chair sau membru in comitetele de organizare ale manifestarilor internationale indexate ISI	Punctaj unic pentru fiecare activitate	A3.2.		10	13	130
		Membru in colectivele de redactie sau comitetele stiintifice ale revistelor indexate BDI, chair sau co-chair sau membru in comitetele de organizare ale manifestarilor stiintifice indexate BDI	Punctaj unic pentru fiecare activitate	A3.3		6	3	18
		Premii in domeniu conferite de Academia Romana, ASTR, AOSR sau premii internationale de prestigiu		A3.4.		15	0	0

Total punctaj (A3)	272,933
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Candidat: CEUCA IOAN EMILIAN

Data: 45301

Comisia: Electronică, telecomunicații și nanotehnologie

Postul vizat: Profesor

Conditii minimale (Ai)				
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit
A1	Activitatea didactica / profesionala (A1)	100	250,000	DA
A2	Activitatea de cercetare (A2)	600	848,956	DA
A3	Recunoasterea impactului activitatii (A3)	150	272,933	DA
Total (A)		850	1371,889	DA

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
A1.1.1.-A1.1.2	Carti de specialitate	1	5	DA
	Capitole in carti de specialitate	0	0	
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	15	50	DA
	Articole in reviste cotate Q1 sau Q2 (fie la momentul publicarii fie la data inscrierii in concurs)	3	4	DA
	Numai una dintre lucrari poate fi echivalata: 1 brevet de inventie / 1 articol in conf. internat. de top in domeniul de abilitare nivel ≥ 2 / 3 articole de nivel 1 in clasificarea Julkaisu Publication)		0	
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	2	4	DA
A3.1.1	Numar de citari in carti, reviste cotate ISI si in volume ale unor manifestari stiintifice ISI (WOS)	25	48	DA
	Factor de impact ISI cumulat pentru publicatii (include si FI pentru brevete, FI = 0.5)	10	24,05	DA

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Data: 45301

Comisia: Electronică, telecomunicații și nanotehnologie

Activitatea didactica si profesionala (A1)								
A1.1.1. Carti, monografii - internationale						Nr. autori	Punctaj 0,000	Numar 0
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul				
1							#DIV/0!	
2							#DIV/0!	
3							#DIV/0!	
4							#DIV/0!	
5							#DIV/0!	

Activitatea didactica si profesionala (A1)								
A1.1.1. Capitole - internationale						Nr. autori	Punctaj 0,000	Numar 0
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul				
1							#DIV/0!	
2							#DIV/0!	
3							#DIV/0!	
3							#DIV/0!	
4							#DIV/0!	

Activitatea didactica si profesionala (A1)								
A1.1.2. Carti, monografii - nationale						Nr. autori	Punctaj 250,000	Numar 5
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul				
1	Emilian CEUCA	Tendințe actuale in electronica auto. Simularea circuitelor electronice de putere, Cluj-Napoca, Editura Mediamira, 2007,ISBN: 978-973-713-161-4, 245 pagini. Editura pe pozitia 158 din lista CNC SIS, cod CNC SIS 162.	Editura Mediamira	2007	1	50,00		
2	Emilian CEUCA	Dezvoltarea aplicațiilor client server, Editura Aeternitas, Alba Iulia, 2007, ISBN 978-973-7942-74-6, 170 de pagini. Editura pe pozitia 4 din lista CNC SIS, cod CNC SIS 18.	Editura Aeternitas	2007	1	50,00		

3	Emilian CEUCA	Baze de date si limbaje de programare, Editura Aeternitas, Alba Iulia, 2009, ISBN 978-973-1890-27-2, 244 de pagini. Editura pe pozitia 4 din lista CNCISIS, cod CNCISIS 18.	Editura Aeternitas	2009	1	50,00	
4	Emilian CEUCA	Circuite Electronice, Editura Aeternitas, Alba Iulia, 2017, ISBN 978-606-613-141-4, 221 de pagini. Editura pe pozitia 4 din lista CNCISIS, cod CNCISIS 18.	Editura Aeternitas	2017	1	50,00	
5	Emilian CEUCA	Modelarea Converteoarelor Electronice, Editura Aeternitas, Alba Iulia, 2017, ISBN 978-606-613-142-1, 150 de pagini. Editura pe pozitia 4 din lista CNCISIS, cod CNCISIS 18.	Editura Aeternitas	2017	1	50,00	
6						#DIV/0!	
7						#DIV/0!	
8						#DIV/0!	
9						#DIV/0!	
10						#DIV/0!	

Activitatea didactica si profesionala (A1)

A1.1.2. Capitole - nationale						Nr. autori	Punctaj 0,000	Numar 0
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul				
1						#DIV/0!		
2						#DIV/0!		
3						#DIV/0!		
4						#DIV/0!		
5						#DIV/0!		

A1.2.1. Material didactic/lucrari didactice						Nr. autori	Punctaj 0,000	Numar 0
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul				
1						#DIV/0!		
2						#DIV/0!		

Candidat: CEUCA IOAN EMILIAN

Data: 45301

Comisia: Electronică, telecomunicații și nanotehnologie

Recunoasterea si impactul activitatii (A3)					
A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI); se exclud autocitatile				Punctaj	Numar
				124,933	48
Nr.	Articol citat	Articol care citeaza	Num aut. art. citat	Punctaj	
1	Ceuca E, The 42 volt power net architecture standards. http://www.uab.ro/auajournal/acta2/Articol%20Ceuca%20E.pdf	Decreasing Fuel Consumption and Exhaust Gas Emissions in Transportation , author: M Palocz-Andresen, Chapter Decreasing Fuel Consumption and Exhaust Gas Emissions in Transportation Part of the series Green Energy and Technology pp 121-134 , Publisher Springer Berlin Heidelberg, Copyright 2013 DOI 10.1007/978-3-642-11976-7_8 Print ISBN 978-3-642-11975-0 Online ISBN 978-3-642-11976-7, REFERENCE 38	1	8,00	
2	Modeling and Simulation of High Voltage Power Lines under Transient and Persistent Faults / MATHEMATICS Volume: 11 Issue: 1 Article Number: 21 DOI: 10.3390/math11010021 Published: JAN 2023 Accession Number: WOS:000908773700001 , eISSN: 2227-7390 Author(s): Marius Fișcă, Mihail Abrudean, Vlad Mureșan, Iulia Clitan, Mihaela-Ligia Ungureșan, Roxana Motorga, Emilian Ceuca	Reducing Overvoltages under Connection on a High-Voltage Cable Line Due to Optimal Controlled Switching , Author(s): Lobodzinskiy, V (Lobodzinskiy, V) ; Buryk, N (Buryk, N.); Spinu , L (Spinul, L.) ; Chibelis, V (Chibelis, V) ; Illina, O (Illina, O.) Source journal PROBLEMELE ENERGETICII NATIONALE Issue3 Page25-32 DOI10.52254/1857-0070.2022.3-59.03 Published 2023 Accession Number WOS:001049762600004 ISSN 1857-0070 IDS Number P3OF3	7	1,14	
3	400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian	Thermal diode assisted by geometry under cycling temperature Author(s):, Luis L. Zurdo, Lucas G. Chej, Alejandro G. Monastra, M. Florencia Carusela, Received 27 November 2022, Revised 11 April 2023, Accepted 18 December 2023, Available online 29 December 2023, Version of Record 29 December 2023. International Journal of Heat and Mass Transfer Volume 222, 1 May 2024, 125110	7	1,14	
4	400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian	Multi-functional platform based on amorphous Ge2Sb2Te5 thin films for photo/thermodetection and non-volatile memory applications , Author(s): Alkhamisi, MM (Alkhamisi, Manal M.); Marzouk, SY (Marzouk, Samir Y.); Wassel, AR (Wassel, Ahmed R.); El-Mahalawy, AM (El-Mahalawy, Ahmed M.); Almotiri, RA (Almotiri, Reim A.) Source: MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING Volume: 149 Article Number: 106856 DOI: 10.1016/j.mssp.2022.106856 Early Access Date: JUN 2022 Published: OCT 2022 Accession Number: WOS:000813075600002 ISSN: 1369-8001 eISSN: 1873-4081	7	2,29	

5	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>A highly stable temperature sensor based on Au/Cu/n-Si Schottky barrier diodes dependent on the inner metal thickness Author(s): Efeoglu, H (Efeoglu, Hasan); Turut, A (Turut, Abdulmecit) Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 55 Issue: 18 Article Number: 185303 DOI: 10.1088/1361-6463/ac43de Published: MAY 5 2022 Accession Number: WOS:000752037700001 ISSN: 0022-3727 eISSN: 1361-6463</p>	7	2,29
6	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>PLL-Based Readout Circuit for SiC-MOS Capacitor Hydrogen Sensors in Industrial Environments Author(s): Enache, A (Enache, Andrei); Draghici, F (Draghici, Florin); Mitu, F (Mitu, Florin); Pascu, R (Pascu, Razvan); Pristavu, G (Pristavu, Gheorghe); Pantazica, M (Pantazica, Mihaela); Brezeanu, G (Brezeanu, Gheorghe) Source: SENSORS Volume: 22 Issue: 4 Article Number: 1462 DOI: 10.3390/s22041462 Published: FEB 2022 Accession Number: WOS:000769505800001 PubMed ID: 35214371 eISSN: 1424-8220</p>	7	2,29
7	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>Identification of Current Transport Mechanisms and Temperature Sensing Qualifications for Al/(ZnS-PVA)/p-Si Structures at Low and Moderate Temperatures Author(s): Alsac, AA (Alsac, Aysun Arslan); Serin, T (Serin, Tulay); Tan, SO (Tan, Serhat Orkun); Altindal, S (Altindal, Semsettin) Source: IEEE SENSORS JOURNAL Volume: 22 Issue: 1 Pages: 99-106 DOI: 10.1109/JSEN.2021.3127130 Published: JAN 1 2022 Accession Number: WOS:000735528200016 ISSN: 1530-437X eISSN: 1558-1748</p>	7	2,29
8	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>Phase transition of nickel silicide compounds and their electrical properties Author(s): Pascu, R (Pascu, Razvan); Romanitan, C (Romanitan, Cosmin) Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 32 Issue: 12 Pages: 16811-16823 DOI: 10.1007/s10854-021-06238-1 Early Access Date: MAY 2021 Published: JUN 2021 Accession Number: WOS:000655890600002 ISSN: 0957-4522 eISSN: 1573-482X</p>	7	2,29
9	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>Title: 60-700 K CTAT and PTAT Temperature Sensors with 4H-SiC Schottky Diodes Author(s): Pascu, R (Pascu, Razvan); Pristavu, G (Pristavu, Gheorghe); Brezeanu, G (Brezeanu, Gheorghe); Draghici, F (Draghici, Florin); Godignon, P (Godignon, Philippe); Romanitan, C (Romanitan, Cosmin); Serbanescu, M (Serbanescu, Matei); Tulbure, A (Tulbure, Adrian) Source: SENSORS Volume: 21 Issue: 3 Article Number: 942 DOI: 10.3390/s21030942 Published: FEB 2021 Accession Number: WOS:000615521900001 PubMed ID: 33572603 eISSN: 1424-8220</p>	7	2,29
10	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>Thermal sensitivity from current-voltage-measurement temperature characteristics in Au/n-GaAs Schottky contacts Author(s): Turut, A (Turut, Abdulmecit); Efeoglu, H (Efeoglu, Hasan) Source: TURKISH JOURNAL OF PHYSICS Volume: 45 Issue: 5 Pages: 268-280 DOI: 10.3906/fiz-2108-15 Published: 2021 Accession Number: WOS:000723859000003 ISSN: 1300-0101 eISSN: 1303-6122</p>	7	1,14

11	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>A Highly Sensitive Temperature Sensor Based on Au/Graphene-PVP/n-Si Type Schottky Diodes and the Possible Conduction Mechanisms in the Wide Range Temperatures Author(s): Cicek, O (Cicek, Osman); Altindal, S (Altindal, Semsettin); Azizian-Kalendaragh, Y (Azizian-Kalendaragh, Yashar) Source: IEEE SENSORS JOURNAL Volume: 20 Issue: 23 Pages: 14081-14089 DOI: 10.1109/JSEN.2020.3009108 Published: DEC 1 2020 Accession Number: WOS:000589257300025 ISSN: 1530-437X eISSN: 1558-1748</p>	7	2,29
12	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>Analysis of the Electrical Characteristics of Mo/4H-SiC Schottky Barrier Diodes for Temperature-Sensing Applications Author(s): Zeghdar, K (Zeghdar, K.); Dehimi, L (Dehimi, L.); Pezzimenti, F (Pezimenti, F.); Megherbi, ML (Megherbi, M. L.); Della Corte, FG (Della Corte, F. G.) Source: JOURNAL OF ELECTRONIC MATERIALS Volume: 49 Issue: 2 Pages: 1322-1329 DOI: 10.1007/s11664-019-07802-6 Published: FEB 2020 Accession Number: WOS:000511718200050 ISSN: 0361-5235 eISSN: 1543-186X</p>	7	2,29
13	<p>400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171 Author(s): Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian</p>	<p>High-Performance Temperature Sensors Based on Dual 4H-SiC JBS and SBD Devices Author(s): Min, SJ (Min, Seong-Ji); Shin, MC (Shin, Myeong Cheol); Nguyen, NT (Ngoc Thi Nguyen); Oh, JM (Oh, Jong-Min); Koo, SM (Koo, Sang-Mo) Source: MATERIALS Volume: 13 Issue: 2 Article Number: 445 DOI: 10.3390/ma13020445 Published: JAN 2 2020 Accession Number: WOS:000515499900192 PubMed ID: 31963426 eISSN: 1996-1944</p>	7	2,29
14	<p>Simulation of automotive alternator - solution for increasing electrical power 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 292-+ Published: 2006 Accession Number: WOS:000241459500054 Conference Title: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Conference Date: MAY 25-28, 2006 Conference Location: Cluj Napoca, ROMANIA Author(s): Ceuca, E (Ceuca, E.); Joldes, R (Joldes, R.); Olteanu, E (Olteanu, E.)</p>	<p>Fault Diagnosis and Protection of Phase Auxiliary Output for Automotive D plus Alternators Author(s): Yu, CS (Yu, Chia-Sung); Chen, CJ (Chen, Ching-Jan) Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY Volume: 71 Issue: 5 Pages: 4851-4862 DOI: 10.1109/TVT.2022.3153788 Published: MAY 2022 Accession Number: WOS:000799654900030 ISSN: 0018-9545 eISSN: 1939-9359</p>	3	5,33
15	<p>Simulation of automotive alternator - solution for increasing electrical power 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 292-+ Published: 2006 Accession Number: WOS:000241459500054 Conference Title: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Conference Date: MAY 25-28, 2006 Conference Location: Cluj Napoca, ROMANIA</p>	<p>Rotational Speed Detection for the Automotive Alternator With Low Loss Rectifier in Self-Start Author(s): Yu, CS (Yu, Chia-Sung); Lin, YC (Lin, Yuan-Chih); Chen, CJ (Chen, Ching-Jan) Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY Volume: 70 Issue: 7 Pages: 6514-6526 DOI: 10.1109/TVT.2021.3082922 Published: JUL 2021 Accession Number: WOS:000675210000022</p>	3	5,33
16	<p>Simulation of automotive alternator - solution for increasing electrical power 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 292-+ Published: 2006 Accession Number: WOS:000241459500054 Conference Title: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Conference Date: MAY 25-28, 2006 Conference Location: Cluj Napoca, ROMANIA Author(s): Ceuca, E (Ceuca, E.); Joldes, R (Joldes, R.); Olteanu, E (Olteanu, E.)</p>	<p>Modeling of an Alternator using Stand Still Frequency Response Test Author(s): Hao, L (Hao, Lei); Namudri, C (Namudri, Chandra) Book Group Author(s): IEEE Source: 2009 IEEE VEHICLE POWER AND PROPULSION CONFERENCE, VOLS 1-3 Book Series: IEEE Vehicle Power and Propulsion Conference Pages: 1324-1329 Published: 2009 Accession Number: WOS:000279924000216 Conference Title: 5th IEEE Vehicle Power and Propulsion Conference (VPPC 09) Conference Date: SEP 07-11, 2009 Conference Location: Dearborn, MI Conference Sponsors: IEEE ISSN: 1938-8756 ISBN: 978-1-4244-2600-3</p>	3	2,67

<p>17</p> <p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Web Interface for IoT Vehicle Monitoring System, Author(s): Drogeanu, NM Perisoara, LA Vaduva, JAAF Drogeanu, Nicusor-Mirel Perisoara, Lucian-Andrei Vaduva, Jan-Alexandru, 2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) SE International Symposium for Design and Technology in Electronic Packaging CT 28th International Symposium for Design and Technology in Electronic Packaging (SIITME) OCT 26-29, 2022 Bucharest, ROMANIA 2641-287X 978-1-6654-6101-6 Dol 10.1109/SIITME56728.2022.9988627 WOS:000947243400043</p>	<p>5</p>	<p>1,60</p>
<p>18</p> <p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Correlation Dimension Based Stability Analysis for Cyber-Physical Systems Author(s): Yang, F (Yang, Fan); Huang, J (Huang, Jing); Li, RF (Li, Renfa); Kuang, ZF (Kuang, Zhufang); Xie, GQ (Xie, Guoqi) Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 18 Issue: 2 Pages: 859-868 DOI: 10.1109/TII.2021.3075949 Published: FEB 2022 Accession Number: WOS:000712564700017 ISSN: 1551-3203 eISSN: 1941-0050</p>	<p>5</p>	<p>3,20</p>
<p>19</p> <p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Cyberattacks and Countermeasures for Intelligent and Connected Vehicles Author(s): Luo, F (Luo, Feng); Hou, S (Hou, Shuo) Source: SAE INTERNATIONAL JOURNAL OF PASSENGER CARS-ELECTRONIC AND ELECTRICAL SYSTEMS Volume: 12 Issue: 1 Pages: 55-66 DOI: 10.4271/07-12-01-0005 Published: 2019 Accession Number: WOS:000500913000005 ISSN: 1946-4614 eISSN: 1946-4622</p>	<p>5</p>	<p>1,60</p>
<p>20</p> <p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Driver Supervisor System with Telegram Bot Platform Author(s): Husni, E (Husni, Emir); Hasibuan, F (Hasibuan, Faisal) Edited by: Nguyen NT; Pimenidis E; Khan Z; Trawinski B Source: COMPUTATIONAL COLLECTIVE INTELLIGENCE, ICCCI 2018, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 11055 Pages: 436-444 DOI: 10.1007/978-3-319-98443-8_40 Published: 2018 Accession Number: WOS:000458811500040 Conference Title: 10th International Conference on Computational Collective Intelligence (ICCCI) Conference Date: SEP 05-07, 2018 Conference Location: Bristol, ENGLAND ISSN: 0302-9743 eISSN: 1611-3349 ISBN: 978-3-319-98443-8; 978-3-319-98442-1</p>	<p>5</p>	<p>1,60</p>

21	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>An Android-based IoT System for Vehicle Monitoring and Diagnostic Author(s): Turk, E (Turk, Ercument); Challenger, M (Challenger, Moharram) Book Group Author(s): IEEE Source: 2018 26TH SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS CONFERENCE (SIU) Book Series: Signal Processing and Communications Applications Conference Published: 2018 Accession Number: WOS:000511448500231 Conference Title: 26th IEEE Signal Processing and Communications Applications Conference (SIU) Conference Date: MAY 02-05, 2018 Conference Location: Izmir, TURKEY Conference Sponsors: IEEE, Huawei, Aselsan, NETAS, IEEE Turkey Sect, IEEE Signal Proc Soc, IEEE Commun Soc, ViSRATEK, Adresgezgini, Rohde & Schwarz, Integrated Syst & Syst Design, Atilim Univ, Havelсан, Izmir Katip Celebi Univ ISSN: 2165-0608 ISBN: 978-1-5386-1501-0</p>	5	1,60
22	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Improved Latency of CAN Vehicle Data Extraction Method Author(s): Khosravinia, K (Khosravinia, Kavian); Hassan, MK (Hassan, Mohd Khair); Rahman, RZA (Rahman, Ribhan Zafira Abdul); Al-Haddad, SAR (Al-Haddad, Syed Abdul Rahman) Edited by: Skulimowski AMJ; Sheng Z; KhemiriKallel S; Cerin C; Hsu CH Source: INTERNET OF VEHICLES: TECHNOLOGIES AND SERVICES TOWARDS SMART CITY (IOV 2018) Book Series: Lecture Notes in Computer Science Volume: 11253 Pages: 14-26 DOI: 10.1007/978-3-030-05081-8_2 Published: 2018 Accession Number: WOS:000657973900002 Conference Title: 5th International Conference on Internet of Vehicles (IOV) Conference Date: NOV 20-22, 2018 Conference Location: Paris, FRANCE ISSN: 0302-9743 eISSN: 1611-3349 ISBN: 978-3-030-05081-8</p>	5	1,60
23	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Hardware and Software Approach for Teaching Automotive Networks Author(s): Marin, ME (Marin, Mihai-Eugen); Maricaru, M (Maricaru, Mihai); Constantinescu, F (Constantinescu, Florin); Gheorghe, AG (Gheorghe, Alexandru-Gabriel) Book Group Author(s): IEEE Source: 2017 ELECTRIC VEHICLES INTERNATIONAL CONFERENCE (EV) DOI: 10.1109/EV.2017.8242097 Published: 2017 Accession Number: WOS:000427815000011 Conference Title: Electric Vehicles International Conference (EV) Conference Date: OCT 05-06, 2017 Conference Location: Bucharest, ROMANIA Conference Sponsors: Inst Elect & Elect Engineers, Assoc promoting elect vehicles Romania, Sci Soc Icpe, Icpe, IEEE Circuits & Syst Soc, Ministerul Educatiei Cercetarii Stiintifice ISBN: 978-1-5386-2382-4</p>	5	1,60
24	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>AN IOT BASED SCHOOL BUS TRACKING AND MONITORING SYSTEM Author(s): Badawy, E (Badawy, Emad); Elhakim, A (Elhakim, Aly); Abdulhamid, A (Abdulhamid, Ahmed); Zualkernan, IA (Zualkernan, Imran A.) Edited by: Chova LG; Martinez AL; Torres IC Source: EDULEARN16: 8TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES Book Series: EDULEARN Proceedings Pages: 5537-5546 Published: 2016 Accession Number: WOS:000402955905084 Conference Title: 8th International Conference on Education and New Learning Technologies (EDULEARN) Conference Date: JUL 04-06, 2016 Conference Location: Barcelona, SPAIN ISSN: 2340-1117 ISBN: 978-84-608-8860-4</p>	5	1,60

25	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Monitoring of manufacturing processes in the automotive industry using indoor location system Author(s): Ionescu, LM (Ionescu, L. M.); Belu, N (Belu, N.); Rachieru, N (Rachieru, N.); Mazare, AG (Mazare, A. G.); Anghel, DC (Anghel, D-C) Edited by: Cohal V; Lobont L; Topala P; Oanta E; Placzek M; Carcea I; Carausu C; Nedelcu D Source: MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING IV, PTS 1-7 Book Series: IOP Conference Series-Materials Science and Engineering Volume: 145 Article Number: 022020 DOI: 10.1088/1757-899X/145/2/022020 Published: 2016 Accession Number: WOS:000396437600020 Conference Title: International Conference on Modern Technologies in Industrial Engineering IV (ModTech) Conference Date: JUN 15-18, 2016 Conference Location: Iasi, ROMANIA ISSN: 1757-8981</p>	5	1,60
26	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Real Time System for Instrumental Sound Extraction and Recognition Author(s): Lita, AI (Lita, Adrian Ioan); Ionescu, LM (Ionescu, Laurentiu Mihai); Mazare, AG (Mazare, Alin Gheorghita); Serban, G (Serban, Gheorghe); Lita, I (Lita, Ioan) Book Group Author(s): IEEE Source: 2016 39TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 456-461 Published: 2016 Accession Number: WOS:000387089800090 Conference Title: 39th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 18-22, 2016 Conference Location: Pilsen, CZECH REPUBLIC ISSN: 2161-2536 ISBN: 978-1-5090-1389-0</p>	5	1,60
27	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Real time PCB diagnosis using FPGA - implemented video analysis tool Author(s): Berechet, VA (Berechet, Vasilica A.); Ionescu, LM (Ionescu, Laurentiu M.); Mazare, AG (Mazare, Alin Gh.); Lita, I (Lita, Ioan); Lita, AI (Lita, Adrian-Ioan I.) Book Group Author(s): IEEE Source: 2015 IEEE 21ST INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International Symposium for Design and Technology in Electronic Packaging Pages: 201-204 Published: 2015 Accession Number: WOS:000377765500035 Conference Title: 21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME) Conference Date: OCT 22-25, 2015 Conference Location: Brasov, ROMANIA ISSN: 2641-287X ISBN: 978-1-5090-0332-7</p>	5	1,60
28	<p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Mobile system with real time route learning using Hardware Artificial Neural Network Author(s): Mazare, A (Mazare, Alin); Ionescu, LM (Ionescu, Laurentiu-Mihai); Lita, AI (Lita, Adrian-Ioan); Serban, G (Serban, Gheorghe); Ionut, M (Ionut, Marin) Book Group Author(s): IEEE Source: PROCEEDINGS OF THE 2015 7TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI) Book Series: International Conference on Electronics Computers and Artificial Intelligence Pages: P45-P48 Published: 2015 Accession Number: WOS:000370971100115 Conference Title: 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Conference Date: JUN 25-27, 2015 Conference Location: Bucharest, ROMANIA ISSN: 2378-7147 ISBN: 978-1-4673-6647-2</p>	5	1,60

<p>29</p> <p>Embedded System for Remote Monitoring of OBD Bus Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)</p>	<p>Development of a Non-Contact Angular Transducer Author(s): Farcas, C (Farcas, C.); Cosma, A (Cosma, A.); Palaghita, N (Palaghita, N.); Grama, A (Grama, A.); Gabor, MS (Gabor, M. S.); Tiusan, C (Tiusan, C.) Book Group Author(s): IEEE Source: 2014 IEEE 20TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International Symposium for Design and Technology in Electronic Packaging Pages: 187-191 Published: 2014 Accession Number: WOS:000358258300034 Conference Title: 20th IEEE International Symposium on Design and Technology in Electronic Packaging (SIITME) Conference Date: OCT 23-26, 2014 Conference Location: Bucharest, ROMANIA ISSN: 2641-287X ISBN: 978-1-4799-6962-3</p>	<p>5</p>	<p>1,60</p>
<p>30</p> <p>Analysis and Simulation of LCLR Converters Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 286- 289 Published: 2013 Accession Number: WOS:000374113900054 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08-12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian); Grama, A (Grama, Alin); Ceuca, E (Ceuca, Emilian)</p>	<p>Apparatus for Induction Heating 2.5 kW Using a Series Resonant Circuit Author(s): Martis, J (Martis, Jan); Vorel, P (Vorel, Pavel) Book Group Author(s): IEEE Edited by: Brezina T; Maga D; Stefek A Source: PROCEEDINGS OF THE 2014 16TH INTERNATIONAL CONFERENCE ON MECHATRONICS (MECHATRONIKA 2014) Pages: 130-135 Published: 2014 Accession Number: WOS:000372145500020 Conference Title: 16th International Conference on Mechatronics (Mechatronika) Conference Date: DEC 03-05, 2014 Conference Location: Brno, CZECH REPUBLIC Conference Sponsors: IEEE, Czechoslovakia Sect, Brno Univ Technol, Fac Mech Engrn, Czech Tech Univ, Fac Elect Engrn, Univ Def, Fac Mil Technol ISBN: 978-80-214-4817-9</p>	<p>4</p>	<p>2,00</p>
<p>31</p> <p>Analysis and Simulation of LCLR Converters Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 286- 289 Published: 2013 Accession Number: WOS:000374113900054 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08-12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian); Grama, A (Grama, Alin); Ceuca, E (Ceuca, Emilian)</p>	<p>Practical Behavior of resonant converters in home applications Author(s): Ceuca, E (Ceuca, Emilian); Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian) Book Group Author(s): IEEE Source: 2013 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), VOLS 1-2 Book Series: International Semiconductor Conference Pages: 293-296 Published: 2013 Accession Number: WOS:000330180800058 Conference Title: 36th International Semiconductor Conference (CAS) Conference Date: OCT 14-16, 2013 Conference Location: Natl Inst Res & Dev Microtechnologies, Sinaia, ROMANIA ISSN: 1545-827X ISBN: 978-1-4673-5672-5; 978-1-4673-5670-1</p>	<p>4</p>	<p>2,00</p>
<p>32</p> <p>System for Energy Recovering with BLDC Motor at Deceleration Momentum Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 299- 304 Published: 2013 Accession Number: WOS:000374113900057 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Taut, A (Taut, A.); Pop, O (Pop, O.); Ceuca, E (Ceuca, E.)</p>	<p>Energy Recovery Control Strategy of Motor with Supercapacitor Author(s): Cao, B (Cao, Biao); Bi, C (Bi, Chao); Peng, Z (Peng, Zhen) Book Group Author(s): IEEE Source: 2019 22ND INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES AND SYSTEMS (ICEMS 2019) Book Series: International Conference on Electrical Machines and Systems ICEMS Pages: 3045-3049 Published: 2019 Accession Number: WOS:000537504803030 Conference Title: 22nd International Conference on Electrical Machines and Systems (ICEMS) Conference Date: AUG 11-14, 2019 Conference Location: Harbin, PEOPLES R CHINA ISBN: 978-1-7281-3398-0</p>	<p>3</p>	<p>2,67</p>

33	<p>System for Energy Recovering with BLDC Motor at Deceleration Momentum Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 299- 304 Published: 2013 Accession Number: WOS:000374113900057 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Taut, A (Taut, A.); Pop, O (Pop, O.); Ceuca, E (Ceuca, E.)</p>	<p>Augmentation in Battery & e-Vehicle Performance Using Accelerometer Author(s): Patil, SB (Patil, Sanjay B.); Pete, DJ (Pete, D. J.); Sawarkar, SD (Sawarkar, S. D.) Book Group Author(s): IEEE Source: 2019 IEEE PUNE SECTION INTERNATIONAL CONFERENCE (PUNECON) Published: 2019 Accession Number: WOS:000674974200066 Conference Title: 2nd IEEE-Pune-Section Annual International Conference (IEEE PuneCon) Conference Date: DEC 18-20, 2019 Conference Location: MIT World Peace Univ, Sch Elect & Commun, MIT Coll Engn, Pune,</p>	3	2,67
34	<p>System for Energy Recovering with BLDC Motor at Deceleration Momentum Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 299- 304 Published: 2013 Accession Number: WOS:000374113900057 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367 Author(s): Taut, A (Taut, A.); Pop, O (Pop, O.); Ceuca, E (Ceuca, E.)</p>	<p>How Electric Vehicles Affect Driving Behavioral Patterns Author(s): Helmbrecht, M (Helmbrecht, Magnus); Monreal, CO (Monreal, Cristina Olaverri); Bengler, K (Bengler, Klaus); Vilimek, R (Vilimek, Roman); Keinath, A (Keinath, Andreas) Source: IEEE INTELLIGENT TRANSPORTATION SYSTEMS MAGAZINE Volume: 6 Issue: 3 Special Issue: SI Pages: 22-32 DOI: 10.1109/MITS.2014.2315758 Published: FAL 2014 Accession Number: WOS:000350048300005 ISSN: 1939-1390 eISSN: 1941-119</p>	3	2,67
35	<p>Block commutation vs Sinusoidal commutation for BLDC motors CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 89-92 Published: 2020 Accession Number: WOS:000637264600020 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8 Author(s): Trifa Vasile, Brezeanu Gh, Ceuca Emilian</p>	<p>Sinusoidal Control of a Brushless DC Motor with Misalignment of Hall Sensors Author(s): Kolano, K (Kolano, Krzysztof); Drzymala, B (Drzymala, Bartosz); Geca, J (Geca, Jakub) Source: ENERGIES Volume: 14 Issue: 13 Article Number: 3845 DOI: 10.3390/en14133845 Published: JUL 2021 Accession Number: WOS:000671026800001 eISSN: 1996-1073</p>	3	2,67
36	<p>Electromagnetic Compatibility Analysis of the Assembly e-bike Power Electronic Converter with Recovery Function Source: 2016 39TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 398-401 Published: 2016 Accession Number: WOS:000387089800078 Conference Title: 39th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 18- 22, 2016, Conference Location: Pilsen, CZECH REPUBLIC, ISSN: 21612536 ISBN: 9781509013890 Author(s): Ceuca, E (Ceuca, Emilian); Pocan, I (Pocan, I.); Pop, O (Pop, O.)</p>	<p>Smart Electrically Assisted Bicycles as Health Monitoring Systems: A Review Author(s): Avina-Bravo, EG (Avina-Bravo, Eli Gabriel); Cassirame, J (Cassirame, Johan); Escriba, C (Escriba, Christophe); Acco, P (Acco, Pascal); Fourniols, JY (Fourniols, Jean-Yves); Soto-Romero, G (Soto-Romero, Georges) Source: SENSORS Volume: 22 Issue: 2 Article Number: 468 DOI: 10.3390/s22020468 Published: JAN 2022 Accession Number: WOS:000758486400001 PubMed ID: 35062429 eISSN: 1424-8220</p>	3	5,33
37	<p>Strategy Approach for developing the Control Mode for Modern E- bike Controller developed in Laboratory at "1 DECEMBRIE 1918" University of Alba Iulia Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 237-240 Published: 2015 Accession Number: WOS:000380566400047 Conference Title: International Semiconductor Conference Conference Date: OCT 12- 14, 2015 Conference Location: Nat Inst for Res and Dev in Microtechnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781479988631 Author(s): Ceuca, E (Ceuca, Emilian); Trifa, V (Trifa, V.)</p>	<p>Design Comparison of Inner and Outer Rotor of Permanent Magnet Flux Switching Machine for Electric Bicycle Application Author(s): Jusoh, LI (Jusoh, L. I.); Sulaiman, E (Sulaiman, E.); Bahrim, FS (Bahrim, F. S.); Kumar, R (Kumar, R.) Source: INTERNATIONAL RESEARCH AND INNOVATION SUMMIT (IRIS2017) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 226 Article Number: 012129 DOI: 10.1088/1757-899X/226/1/012129 Published: 2017 Accession Number: WOS:000419293900129 Conference Title: International Research and Innovation Summit (IRIS) Conference Date: MAY 06-07, 2017 Conference Location: Melaka, MALAYSIA</p>	2	4,00

38	<p>Strategy Approach for developing the Control Mode for Modern E- bike Controller developed in Laboratory at "1 DECEMBRIE 1918" University of Alba Iulia Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 237-240 Published: 2015 Accession Number: WOS:000380566400047 Conference Title: International Semiconductor Conference Conference Date: OCT 12- 14, 2015 Conference Location: Nat Inst for Res and Dev in Microtehnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781479988631 Ceuca, E (Ceuca, Emilian); Trifa, V (Trifa, V.)</p>	<p>Block commutation vs Sinusoidal commutation for BLDC motors Author(s): Trifa, V (Trifa, V); Brezeanu, G (Brezeanu, Gh); Ceuca, E (Ceuca, E.) Edited by: Stavarache I; Stefan G; Stoica T; Takacs A; Tulbure A; Veca ML; Visan T; Voicu RC; Brezeanu G; Ciurea ML; Cristea D; Dinescu MA; Dobrescu D; Dragoman M; Muller A; Muller R; Neculoiu D Source: CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 89-92 Published: 2020 Accession Number: WOS:000637264600020 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8</p>	2	4,00
39	<p>Strategy Approach for developing the Control Mode for Modern E- bike Controller developed in Laboratory at "1 DECEMBRIE 1918" University of Alba Iulia Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 237-240 Published: 2015 Accession Number: WOS:000380566400047 Conference Title: International Semiconductor Conference Conference Date: OCT 12- 14, 2015 Conference Location: Nat Inst for Res and Dev in Microtehnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781479988631 Ceuca, E (Ceuca, Emilian); Trifa, V (Trifa, V.)</p>	<p>Unipolar PWM vs Bipolar PWM in Three Phase Block Commutation Author(s): Trifa, V (Trifa, V); Brezeanu, G (Brezeanu, Gh); Ceuca, E (Ceuca, E.) Edited by: Stavarache I; Stefan G; Stoica T; Takacs A; Tulbure A; Veca ML; Visan T; Voicu RC; Brezeanu G; Ciurea ML; Cristea D; Dinescu MA; Dobrescu D; Dragoman M; Muller A; Muller R; Neculoiu D Source: CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 169-172 Published: 2020 Accession Number: WOS:000637264600038 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8</p>	2	4,00
40	<p>Study for developing the Energy Recovering Circuit for Modern E- bike Controller Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.) Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 245-248 Published: 2015 Accession Number: WOS:000380566400048 Conference Title: International Semiconductor Conference Conference Date: OCT 12-14, 2015 ISSN: 1545827X ISBN: 9781479988631 Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.)</p>	<p>Integrated magnetics optimization process for an interleaved three-phase buck converter at 500 kHz Author(s): Liu, YC (Liu, Yu-Chen); Chen, C (Chen, Chen); Chung, YC (Chung, Yu-Chen); Tsai, MC (Tsai, Meng-Chi); Kim, KA (Kim, Katherine A.) Source: IET POWER ELECTRONICS DOI: 10.1049/pel2.12338 Early Access Date: JUN 2022 Accession Number: WOS:000808536700001 ISSN: 1755-4535 eISSN: 1755-4543</p>	3	2,67
41	<p>Study for developing the Energy Recovering Circuit for Modern E- bike Controller Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.) Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 245-248 Published: 2015 Accession Number: WOS:000380566400048 Conference Title: International Semiconductor Conference Conference Date: OCT 12-14, 2015 ISSN: 1545827X ISBN: 9781479988631 Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.)</p>	<p>Integrated Magnetics Design for an Interleaved Three-Phase Buck Converter Author(s): Liu, YC (Liu, Yu-Chen); Chen, C (Chen, Chen); Chung, YC (Chung, Yu-Chen); Tsai, MC (Tsai, Meng-Chi); Katherine, KA (Katherine, Kim Ann) Book Group Author(s): IEEE Source: 2020 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE) Book Series: IEEE Energy Conversion Congress and Exposition Pages: 4533-4538 Published: 2020 Accession Number: WOS:000645593604136 Conference Title: 12th Annual IEEE Energy Conversion Congress and Exposition (IEEE ECCE) Conference Date: OCT 10-15, 2020 Conference Location: Detroit, MI</p>	3	2,67

42	<p>Study for developing the Energy Recovering Circuit for Modern E- bike Controller Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.) Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 245-248 Published: 2015 Accession Number: WOS:000380566400048 Conference Title: International Semiconductor Conference Date: OCT 12-14, 2015 ISSN: 1545827X ISBN: 9781479988631 Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.)</p>	<p>Study and Integrated Strategies for Development and Minimizing Energy Losses in Batteries Author(s): Ceuca, E (Ceuca, Emilian) Book Group Author(s): IEEE Source: 2022 45TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE DOI: 10.1109/ISSE54558.2022.9812776 Published: 2022 Accession Number: WOS:000853642200024 Conference Title: 45th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 11-15, 2022 Conference Location: Vienna, AUSTRIA ISSN: 2161-2536 ISBN: 978-1-6654-6589-2</p>	3	2,67
43	<p>Experimental Stand for Research the Alternators Directions of Further Development Author(s): Ceuca, E (Ceuca, E.); Lungu, S (Lungu, S.); Tulbure, A (Tulbure, A.); Brezeanu, G (Brezeanu, Gh) Book Group Author(s): Transilvania Univ Brasov, Fac Elect Engn & Comp Sci Source: OPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, PTS IIV Book Series: Proceedings of the International Conference on Optimization of Electrical and Electronic Equipment Pages: 659 -664 DOI: 10.1109/OPTIM.2010.5510489 Published: 2010 Accession Number: WOS:000291967300094 Conference Title: 12th International Conference on Optimization of Electrical and Electronic Equipment Conference Date: MAY 20- 21, 2010 Conference Location: Brasov, ROMANIA Conference Sponsors: IEEE, IAS, IEEE, PELS, IEEE, IES ISSN: 18420133</p>	<p>HV-CMOS Design and Characterization of a Smart Rotor Coil Driver for Automotive Alternators Author(s): Saponara, S (Saponara, Sergio); Pasetti, G (Pasetti, Giuseppe); Tinfena, F (Tinfena, Francesco); Fanucci, L (Fanucci, Luca); D'Abramo, P (D'Abramo, Paolo) Source: IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS Volume: 60 Issue: 6 Pages: 2309-2317 DOI: 10.1109/TIE.2012.2192898 Published: JUN 2013 Accession Number: WOS:000314975400018 ISSN: 0278-0046 eISSN: 1557-9948</p>	4	4,00
44	<p>Device Mismatch Analysis and Effect Compensation in Fundamental Analog Cells Author(s)Farago, P (Farago, Paul); Bogateanu, D (Bogateanu, Diana); Ceuca, E (Ceuca, Emilian); Moisa, C (Moisa, Claudia); Hintea, S (Hintea, Sorin) Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 280- 285 Published: 2013 Accession Number: WOS:000374113900053 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	<p>An Electronically Programmable Current Balancing Instrumentation Amplifier for Biomedical Monitoring Author(s): Farago, P (Farago, Paul); Cirlugea, M (Cirlugea, Mihaela); Hintea, S (Hintea, Sorin) Edited by: Herencsar N Source: 2016 39TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP) Pages: 269-273 Published: 2016 Accession Number: WOS:000390164000057 Conference Title: 39th International Conference on Telecommunications and Signal Processing (TSP) Conference Date: JUN 27-29, 2016 Conference Location: Vienna, AUSTRIA ISBN: 978-1-5090-1288-6</p>	5	1,60
45	<p>Device Mismatch Analysis and Effect Compensation in Fundamental Analog Cells Author(s)Farago, P (Farago, Paul); Bogateanu, D (Bogateanu, Diana); Ceuca, E (Ceuca, Emilian); Moisa, C (Moisa, Claudia); Hintea, S (Hintea, Sorin) Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 280- 285 Published: 2013 Accession Number: WOS:000374113900053 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	<p>An Evolutionary Approach for Nominal Design and Yield Enhancement of Analog Amplifiers Author(s): Farago, C (Farago, Claudia); Oltean, G (Oltean, Gabriel); Farago, P (Farago, Paul); Hintea, S (Hintea, Sorin) Book Group Author(s): IEEE Source: 2015 IEEE 10TH JUBILEE INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI) Pages: 265-270 Published: 2015 Accession Number: WOS:000380397800049 Conference Title: 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Conference Date: MAY 21-23, 2015 Conference Location: Timisoara, ROMANIA ISBN: 978-1-4799-9911-8</p>	5	1,60

46	<p>Influence of Switching Frequency on Active and Reactive Load Power of Resonant Converters Author(s): Pop, O (Pop, Ovidiu); Fizesan, R (Fizesan, Raul); Taut, A (Taut, Adrian); Ceuca, E (Ceuca, Emilian) Book Group Author(s): IEEE Source: 2016 39TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 328-331 Published: 2016 Accession Number: WOS:000387089800064 Conference Title: 39th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 18-22, 2016, Conference Location: Pilsen, CZECH REPUBLIC ISSN: 21612536 ISBN: 9781509013890</p>	<p>Q FACTOR SIMULATION ON VOLTAGE STABILIZER WITH RLC CIRCUITS Author(s): Hamidah, I (Hamidah, Ida); Solehudin, A (Solehudin, Agus); Abdullah, AG (Abdullah, Ade Gafar); Sriyono (Sriyono); Riza, LS (Riza, Lala Septem); Shieddieque, AD (Shieddieque, Apang Djafar); Muttaqin, MR (Muttaqin, Muhammad Rafi) Source: JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY Volume: 14 Issue: 1 Pages: 489-497 Published: FEB 2019 Accession Number: WOS:000458618600033 ISSN: 1823-4690</p>	4	2,00
47	<p>Unipolar PWM vs Bipolar PWM in Three Phase Block Commutation / CAS 2020 PROCEEDINGS: Author(s): Trifa Vasile, Brezeanu Gh, Ceuca Emilian 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 169-172 Published: 2020 Accession Number: WOS:000637264600038 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8</p>	<p>Half-Bridge Voltage Source Inverter Control Development Using HIL System Author(s): Brandis, A (Brandis, Andrej); Pelin, D (Pelin, Denis); Topic, D (Topic, Danijel); Knezevic, G (Knezevic, Goran) Edited by: Katic V Source: 2021 21ST INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (EE 2021) DOI: 10.1109/Ee53374.2021.9628241 Published: 2021 Accession Number: WOS:000846882700017 Conference Title: 21st International Symposium on Power Electronics (Ee) Conference Date: OCT 27-30, 2021 Conference Location: Novi Sad, SERBIA ISBN: 978-1-6654-0187-6</p>	3	2,67
48	<p>Block commutation vs Sinusoidal commutation for BLDC motors / CAS 2020 PROCEEDINGS: Author(s): Trifa Vasile, Brezeanu Gh, Ceuca Emilian 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 89-92 Published: 2020 Accession Number: WOS:000637264600020 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8</p>	<p>New Method of Vector Control in PMSM Motors Author(s): Kolano, K (Kolano, Krzysztof) Source: IEEE ACCESS Volume: 11 Pages: 43882-43890 DOI: 10.1109/ACCESS.2023.3272273 Published: 2023 Accession Number: WOS:000986597800001 ISSN: 2169-3536</p>	3	5,33
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A3.1.2. Citari in reviste si volume ale unor manifestari stiintifice indexate in alte baze de date internationale (BDI): Scopus, IEEE, Science Direct, Elsevier, Springerlink, ACM, DBLP, EURASIP; se exclud autocitatile				Punctaj	Numar
				0,000	0
Nr.	Articol citat	Articol care citeaza /BDI	Num aut. art.citat	Punctaj	

2	Chair - organizator conferinta internationala ISSE 2013 - Alba Iulia	2013	10,00	1
3	chair sectiune SEMICONDUCTOR DEVICES - CAS 2022 International Semiconductor Conference	2022	10,00	1
4	chair sectiune INTEGRATED CIRCUITS - CAS 2020 International Semiconductor Conference	2020	10,00	1
5	chair sectiune DIGITAL INNOVATION - CAS 2019	2019	10,00	1
6	chair sectiune SEMICONDUCTOR DEVICES - SD - CAS 2018	2018	10,00	1
7	chair sectiune Poster Session 1/ Poster Session 5 - ISSE 2022 -Vienna	2022	10,00	1
8	chair sectiune Poster Session 2 - ISSE 2021 - Dresda	2012	10,00	1
9	chair sectiune Poster Session 2 - ISSE 2018 - Zlatibor	2018	10,00	1
10	chair sectiune Poster Session 2 - ISSE 2017 - Sofia	2017	10,00	1
11	chair sectiune Poster Session 2 - ISSE 2016 - Pilsen	2016	10,00	1
12	chair sectiune Poster Session 2 - ISSE 2015 - Budapesta	2015	10,00	1
13	chair sectiune Poster Session 2 - ISSE 2014 - Dresda	2014	10,00	1
14			0,00	
15			0,00	
16			0,00	
17			0,00	
			0,00	

A3.3. Membru in colectivele de redactie sau comitete stiintifice al revistelor BDI, chair sau co-chair sau membru in comitele de organizare manifestari stiintifice BDI: Scopus, IEEE, Science Direct, Elsevier, Springerlink, ACM, DBLP, EURASIP (punctaj unic pentru fiecare activitate; nu se considera calitatea de recenzor al unor articole individuale)			Punctaj	Numar
			18,000	3
Nr.	Descriere	Perioada		
1	Organizator Conferinta SATEE (la Universitatea 1 DECEMBRIE 1918) - chair Conferinta 2008, 2010	2008, 2010	6,00	
2	Membru in Comitetul Tehnic TIE Concurs Tehnici de Interconectare in Electronica (2009-2019) -	2009-2019	6,00	
3	Membru in Comitetul Tehnic TIE + Concurs Signal Integrity si Power Integrity (2015-2019) -	2015-2019	6,00	
			0,00	
			0,00	
			0,00	

A3.4. Premii in domeniu: Academia Romana, ASTR, AOSR, premii internationale de prestigiu			Punctaj	Numar
			0,000	0
Nr.	Descriere	An		
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			0,00	
			0,00	

Candidat: CEUCA IOAN EMILIAN

Data: 45301

Comisia: Electronică, telecomunicații și nanotehnologie

Activitatea de cercetare (A2)							
A2.1. Articole in reviste cotate ISI si in volumele unor manifestari indexate ISI Proceedings. FI ISI al revistei in anul publicarii sau la data depunerii dosarului.					Punctaj	Numar	FI
Conferinte ISI: FI=0.25. Conf. ISI de top: nivel ≥ 2 Julkaisu Publication: FI=0.75					612,956	50	24,05
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor impact	Nr. autori	Punctaj		
1	Razvan Pascu, Gheorghe Pristavu *, Dan-Theodor Oneata, Gheorghe Brezeanu *, Cosmin Romanitan, Nikolay Djourellov, Andrei Enache, Florin Draghici, Andrei Mario Ivan, Emilian Ceuca	Thorough Wide Temperature Range Analysis of Pt/SiC and Cr/SiC Schottky Contacts Non-uniformity , / Materials (ISSN 1996-1944). Silicon Carbide: Material Growth, Device Processing and Applications . This special issue belongs to the section "Electronic Materials". Published: JAN 2024 Accession Number: WOS:000xxxxxxx , Materials 2024, 17(2), 400; https://doi.org/10.3390/ma17020400 (registering DOI)	3,4	10	12,70		
2	Marius Fișcă, Mihail Abrudean, Vlad Mureșan, Iulia Clitan, Mihaela-Ligia Ungureșan, Roxana Motorga, Emilian Ceuca	Modeling and Simulation of High Voltage Power Lines under Transient and Persistent Faults / MATHEMATICS Volume: 11 Issue: 1 Article Number: 21 DOI: 10.3390/math11010021 Published: JAN 2023 Accession Number: WOS:000908773700001 , eISSN: 2227-7390	2,592	7	14,68		
3	Emilian Ceuca	Proceedings of 2022 45th International Spring Seminar on Electronics Technology (ISSE) (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE DOI: 10.1109/ISSE54558.2022.9812776 Published: 2022 Accession Number: WOS:000853642200024 Conference Title: 45th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 11-15, 2022 Conference Location: Vienna, AUSTRIA ISSN: 2161-2536 ISBN: 978-1-6654-6589-2	0,25	1	32,50		
4	Muresan, Vlad, Unguresan Mihaela-Ligia, Abrudean Mihail, Valean Honoriu, Clitan Iulia, Motorga Roxana, Emilian Ceuca , Fisca Marius	AI versus Classic Methods in Modelling Isotopic Separation Processes: Efficiency Comparison / MATHEMATICS Volume: 9 Issue: 23 Article Number: 3088 DOI: 10.3390/math9233088 Published: DEC 2021, Accession Number: WOS:000734491600001 , eISSN: 2227-7390	2,592	8	12,85		
5	Emilian Ceuca	Development of a Remote Patient Monitoring Device for the Detection of Fainting and Critical Condition / Proceedings of 2021 44th International Spring Seminar on Electronics Technology (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE DOI: 10.1109/ISSE51996.2021.9467632 Published: 2021 Accession Number: WOS:000853459100060 Conference Title: 44th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 05-09, 2021 ISSN: 2161-2536 ISBN: 978-1-6654-1477-7	0,25	1	32,50		
6	Emilian Ceuca	The tools and custom interfaces for simulation and fast design of the converters / CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 85-88 Published: 2020 Accession Number: WOS:000637264600019 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020, ISSN: 1545-827X ISBN: 978-1-7281-1073-8	0,25	1	32,50		
7	Trifa Vasile, Brezeanu Gh, Ceuca Emilian	Block commutation vs Sinusoidal commutation for BLDC motors / CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 89-92 Published: 2020 Accession Number: WOS:000637264600020 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8	0,25	3	10,83		

8	Trifa Vasile, Brezeanu Gh, Ceuca Emilian	Unipolar PWM vs Bipolar PWM in Three Phase Block Commutation / CAS 2020 PROCEEDINGS: 2020 INTERNATIONAL SEMICONDUCTOR CONFERENCE Book Series: International Semiconductor Conference Pages: 169-172 Published: 2020 Accession Number: WOS:000637264600038 Conference Title: 43rd International Semiconductor Conference (CAS) Conference Date: OCT 07-09, 2020 ISSN: 1545-827X ISBN: 978-1-7281-1073-8	0,25	3	10,83
9	Draghici Florin; Brezeanu Gheorghe; Pristavu Gheorghe; Pascu Razvan; Badila Marian; Pribeanu Adriana; Ceuca Emilian	400 degrees C Sensor Based on Ni/4H-SiC Schottky Diode for Reliable Temperature Monitoring in Industrial Environments / SENSORS Volume: 19 Issue: 10 Article Number: 2384 DOI: 10.3390/s19102384 Published: MAY 2 2019 Accession Number: WOS:000471014500171	3,847	7	20,06
10	V. Trifa, Gh Brezeanu, Ceuca, E (Ceuca, Emilian)	Worst-Case Input Voltage in Buck, Boost and Buck-Boost converters / 2019 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION Book Series Title: International Semiconductor Conference Pages: 281-284 Published: 2019 Conference Title: 42nd International Semiconductor Conference (CAS), Conference Date: OCT 09-11, 2019, Conference Location: Sinaia, ROMANIA ISSN: 1545-827X ISBN: 978-1-7281-1888-8 Accession Number: WOS:000514295300059	0,25	3	10,83
11	Ceuca, E (Ceuca, Emilian) , Trifa V, Pop Ovidiu	Design New Custom Interfaces for Selecting Magnetic Components in Switching Power Supplies IEEE Source: 2018 41TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Published: 2018 DOI: 10.1109/ISSE.2018.8000943 Conference Title: 41h International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 16-20, 2018, Conference Location: Zlatibor, SERBIA ISSN: 2161-2536 ISBN: 978-1-5386-5731-7; 978-3-319-73847-5 Accession Number: WOS:000449866600063	0,25	3	10,83
12	Ceuca, E (Ceuca, Emilian) , Tulbure, A (Tulbure, A.);	The simulation and prototyping of a low power wireless charger , Source: ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES V Book Series: Proceedings of SPIE The International Society for Optical Engineering Volume: Published: 2018 Conference Title: Conference on Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies V Conference Date: AUG 23- 26, 2018 Conference Location: Constanta, ROMANIA Article Number: UNSP 1097725 DOI: 10.1117/12.2325835 Published: 2018 ISSN: 0277-786X eISSN: 1996-756X ISBN: 978-1-5106-2614-0	0,25	2	16,25
13	Stetco, EM ; Pop, OA ; Grama, A; Csipkes, D; Ceuca, E	Design and Simulation of a Sixth Order Band-Pass Gm-C Filter Source: 2018 IEEE 24TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series Title: International Symposium for Design and Technology in Electronic Packaging Pages: 201-204 Published: 2018 Conference Title: 24th IEEE International Symposium on Design and Technology in Electronic Packaging (SIITME) Conference Date: OCT 25-28, 2018 Conference Location: Iasi, ROMANIA ISSN: 2641-287X ISBN: 978-1-5386-5577-1 Accession Number: WOS:000466960400041	0,25	5	6,50

14	V. Trifa, Gh Brezeanu, Ceuca, E (Ceuca, Emilian)	<p>Analyzing the Efficiency of the Different Ways of Recovering Energy from a System Using a PMSM</p> <p>Book Group Author(s): IEEE Source: 2018 41TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Published: 2018 DOI: 10.1109/ISSE.2018.8000943 Conference Title: 41h International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 16-20, 2018, Conference Location: Zlatibor, SERBIA ISSN: 2161-2536 ISBN: 978-1-5386-5731-7; 978-3-319-73847-5 Accession Number: WOS:000449866600080</p>	0,25	3	10,83
15	V. Trifa, Gh Brezeanu, Ceuca, E (Ceuca, Emilian),	<p>Three Phase Synchronous Boost Rectifier</p> <p>Book Group Author(s): 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2018), 41ND EDITION Book Series Title: International Semiconductor Conference Pages: 315-318 Published: 2018 Conference Date: OCT 10-12, 2018 Conference Location: IMT Bucharest, Natl Inst Res & Dev Microtehnologies, Sinaia, ROMANIA</p>	0,25	3	10,83
16	Tulbure, A, Ceuca, E (Ceuca, Emilian)	<p>Experimental Investigation of Electromagnetic Indoor Radiation within an Electronics Factory,</p> <p>Source: ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES V Book Series: Proceedings of SPIEThe International Society for Optical Engineering Volume: Article Number: Published: 2018 Conference Title: Conference on Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies Conference Date: AUG 23- 26, 2018 Conference Location: Constanta, ROMANIA UNSP 109770Y DOI: 10.1117/12.2324938 ISSN: 0277-786X eISSN: 1996-756X ISBN: 978-1-5106-2614-0 Accession Number: WOS:000458717900033</p>	0,25	2	16,25
17	Ceuca, E (Ceuca, Emilian), Corsiuc, G (Corsiuc, Georgiana); Gavrilă I (Gavrilă, Ionela)	<p>Practical Behaviour and Technology Challenges for Smart Home</p> <p>Book Group Author(s): IEEE Source: 2017 40TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Published: 2017 Accession Number: WOS:000426973000087 Accession Number: DOI: 10.1109/ISSE.2017.8000964 Conference Title: 40h International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 10-14, 2017, Conference Location: Sofia, BULGARIA ISSN: 21612536 ISBN: 9781509013890</p>	0,25	4	8,13
18	Ceuca, E (Ceuca, Emilian), Pop, O (Pop, Ovidiu); Pocan I (Pocan Ioan)	<p>New Trends of Power Electronics for Washing Machines</p> <p>Book Group Author(s): IEEE Source: 2017 40TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Published: 2017 Accession Number: WOS:000426973000085 Accession Number: DOI: 10.1109/ISSE.2017.8000962 Conference Title: 40h International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 10-14, 2017, Conference Location: Sofia, BULGARIA ISSN: 21612536 ISBN: 9781509013890</p>	0,25	3	10,83

19	Emilian CEUCA, Gh. Brezeanu	<p>Development of the interfaces to simulate power converters for the correct choice of components used in the automotive industry,</p> <p>2017 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), 40TH EDITION Book Series: International Semiconductor Conference Pages: 251-254 Published: 2017</p> <p>Accession Number: WOS:000425844500055</p> <p>Accession Number: DOI: 10.1109/SMICND.2017.8101215</p> <p>Conference Title: International Semiconductor Conference (CAS), 2017</p> <p>Conference Date: October 11 -14, 2017 Conference Location: Sinaia, ROMANIA</p> <p>Electronic ISBN: 978-1-5090-3985-2</p>	0,25	2	16,25
20	Emilian Ceuca, Adrian Tulbure	<p>Home Automations for Increasing the Quality of Life and Integration with the Smart City.</p> <p>PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE - ECAI 2017 Book Series: International Conference on Electronics Computers and Artificial Intelligence Published: 2017</p> <p>Accession Number: WOS:000425865900056 DOI: 10.1109/ECAI.2017.8166440</p> <p>Conference Title: 9th international conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE, ECAI 2017, Conference Date: June 29– July 01, 2017 Conference Location: Targoviste, RO</p> <p>Electronic ISBN: 978-1-5090-</p>	0,25	2	16,25
21	Carmen Maria Mârza, Georgiana Dorina Corsiuc, Dana-Adriana Iluțiu-Varvara, Ceuca, E (Ceuca, E);	<p>Case study regarding the conversion efficiency of small horizontal axis turbines</p> <p>Edited by: 1877-7058 © 2017 The Authors. Published by Elsevier Ltd.</p> <p>Peer-review under responsibility of the organizing committee of INTER-ENG 2016.</p> <p>Published: 2017</p> <p>Accession Number: WOS:000404612700090</p> <p>Conference Title: 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016</p> <p>Conference Date: NOV 21-23, 2016 Conference Location: TG MURES, ROMANIA</p> <p>ISSN: 1877-7058</p>	0,25	4	8,13
22	Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian), Grama A (Grama Alin), Fizesan, R (Fizesan, Raul); Ceuca, E (Ceuca, Emilian)	<p>Pspice Discharge Model for Simulation Circuits with Lead-Acid Battery</p> <p>Book Group Author(s): IEEE Source: 2017 40TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE</p> <p>Published: 2017</p> <p>Accession Number: WOS:000426973000066</p> <p>Accession Number: DOI: 10.1109/ISSE.2017.8000943</p> <p>Conference Title: 40h International Spring Seminar on Electronics Technology (ISSE)</p> <p>Conference Date: MAY 10-14, 2017, Conference Location: Sofia, BULGARIA</p> <p>ISSN: 21612536 ISBN: 9781509013890</p>	0,25	5	6,50
23	Adrian Tulbure, Emilian Ceuca, Adrian Ilea	<p>Electronically Controlled Hexapod Prototype for emergency situations.</p> <p>Authors: Adrian Tulbure, Emilian Ceuca, Adrian Ilea,</p> <p>Published: 2017</p> <p>Accession Number: WOS:000425865900091</p> <p>DOI: 10.1109/ECAI.2017.8166475</p> <p>Conference Title: 9th international conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE, ECAI 2017, Conference Date: June 29– July 01, 2017 Conference Location: Targoviste, RO</p> <p>Electronic ISBN: 978-1-5090-</p>	0,25	3	10,83

24	Ceuca, E (Ceuca, Emilian); Pocan, I (Pocan, I.); Pop, O (Pop, O.)	<p>Electromagnetic Compatibility Analysis of the Assembly e-bike Power Electronic Converter with Recovery Function</p> <p>Book Group Author(s): IEEE Source: 2016 39TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 398-401 Published: 2016 Accession Number: WOS:000387089800078 Conference Title: 39th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 18- 22, 2016, Conference Location: Pilsen, CZECH REPUBLIC, ISSN: 21612536 ISBN: 9781509013890</p>	0,25	3	10,83
25	Pop, O (Pop, Ovidiu); Fizesan, R (Fizesan, Raul); Taut, A (Taut, Adrian); Ceuca, E (Ceuca, Emilian)	<p>Influence of Switching Frequency on Active and Reactive Load Power of Resonant Converters</p> <p>Book Group Author(s): IEEE Source: 2016 39TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 328-331 Published: 2016 Accession Number: WOS:000387089800064 Conference Title: 39th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 18-22, 2016, Conference Location: Pilsen, CZECH REPUBLIC ISSN: 21612536 ISBN: 9781509013890</p>	0,25	4	8,13
26	Ceuca, E (Ceuca, Emilian) ; Corsiuc, G (Corsiuc, Georgiana)	<p>The Smart City - Integrated Green Energy System</p> <p>Edited by: Franz M; Krammer O; Nicolics J; Wohlrabe H Source: 2015 38TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE 2015) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 390- 395 Published: 2015 Accession Number: WOS:000374113000079 Conference Title: 38th International Spring Seminar on Electronics Technology (ISSE) Conference Date: MAY 06- 10, 2015 Conference Location: Eger, HUNGARY ISSN: 21612528 ISBN: 9781479988600</p>	0,25	2	16,25
27	Ceuca, E (Ceuca, Emilian) ; Trifa, V (Trifa, V.)	<p>Strategy Approach for developing the Control Mode for Modern E- bike Controller developed in Laboratory at "1 DECEMBRIE 1918" University of Alba Iulia</p> <p>Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 237-240 Published: 2015 Accession Number: WOS:000380566400047 Conference Title: International Semiconductor Conference Conference Date: OCT 12- 14, 2015 Conference Location: Nat Inst for Res and Dev in Microtehnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781479988631</p>	0,25	2	16,25
28	Ceuca, E (Ceuca, Emilian) ; Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.)	<p>Study for developing the Energy Recovering Circuit for Modern E- bike Controller</p> <p>Author(s): Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.); Trifa, V (Trifa, V.) Book Group Author(s): IEEE Source: 2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 245-248 Published: 2015 Accession Number: WOS:000380566400048 Conference Title: International Semiconductor Conference Conference Date: OCT 12-14, 2015 Conference Location: Nat Inst for Res and Dev in Microtehnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781479988631</p>	0,25	3	10,83

29	Purdila, AG (Purdila, Anca Gabriela); Pristavu, G (Pristavu, Gheorghe); Anghel, V (Anghel, Vlad); Brezeanu, G (Brezeanu, Gheorghe); Ceuca, E (Ceuca,Emilian)	LowVoltage Controlled Floating Buck Converter with Imbalanced Stacked MOSFETs Switch (ISMS) for High LED Driving Capability Source: ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume: 18 Issue: 4 Pages: 388 - 407 Published: 2015 Accession Number: WOS:000209966200007 ISSN: 14538245	0,369	5	7,21
30	Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.)	Modeling and Practical Strategy for PWM Control in Heating Applications Edited by: Franz M; Nicolics J; Wohlrabe H Source: PROCEEDINGS OF THE 2014 37TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) ADVANCES IN ELECTRONIC SYSTEM INTEGRATION Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 325-330 Published: 2014 Accession Number: WOS:000346580500064 Conference Title: 37th International Spring Seminar on Electronics Technology (ISSE) Advances in Electronic System Integration Conference Date: MAY 07- 11, 2014 Conference Location: Dresden, GERMANY ISSN: 21612528 ISBN: 9781479944552	0,25	2	16,25
31	Ceuca, E (Ceuca, Emilian); Brezeanu, G (Brezeanu, Gh.)	Practical Behavior of charging applications and command strategy in Wireless Power Supplies Book Group Author(s): IEEE Source: 2014 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Series: International Semiconductor Conference Pages: 189- 192 Published: 2014 Accession Number: WOS:000380488300037 Conference Title: International Semiconductor Conference Conference Title: International Semiconductor Conference (CAS 2014) Conference Date: OCT 13- 15, 2014 Conference Location: sinaia, ROMANIA	0,25	2	16,25
32	Tulbure, A (Tulbure, Adrian); Ceuca, E (Ceuca, Emilian); Turschner, D (Turschner, Dirk)	Arduino Based Power Semiconductors Tester for Urban Traction Systems Edited by: Franz M; Nicolics J; Wohlrabe H Source: PROCEEDINGS OF THE 2014 37TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE)- ADVANCES IN ELECTRONIC SYSTEM INTEGRATION Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 210- 214 Published: 2014 Accession Number: WOS:000346580500042 Conference Title: 37th International Spring Seminar on Electronics Technology (ISSE) Advances in Electronic System Integration Conference Date: MAY 07- 11, 2014 Conference Location: Dresden, GERMANY ISSN: 21612536 ISBN: 9781479944552	0,25	3	10,83
33	Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Taut, A (Taut, A.); Pop, O (Pop, O.); Farkas, I (Farkas, I.)	Embedded System for Remote Monitoring of OBD Bus Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 305- 308 Published: 2013 Accession Number: WOS:000374113900058 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367	0,25	5	6,50

34	Ceuca, E (Ceuca, Emilian); Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian)	<p>Practical Behavior of resonant converters in home applications</p> <p>Book Group Author(s): IEEE Source: 2013 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), VOLS 1-2 Book Series: International Semiconductor Conference Pages: 293- 296 Published: 2013 Accession Number: WOS:000330180800058 Conference Title: 36th International Semiconductor Conference (CAS) Conference Date: OCT 14-16, 2013 Conference Location: Natl Inst Res & Dev Microtechnologies, Sinaia, ROMANIA ISSN: 1545827X ISBN: 9781467356725;</p>	0,25	3	10,83
35	Farago, P (Farago, Paul); Bogateanu, D (Bogateanu, Diana); Ceuca, E (Ceuca, Emilian); Moisa, C (Moisa, Claudia); Hintea, S (Hintea, Sorin)	<p>Device Mismatch Analysis and Effect Compensation in Fundamental Analog Cells</p> <p>Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 280- 285 Published: 2013 Accession Number: WOS:000374113900053 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	0,25	5	6,50
36	Pop, O (Pop, Ovidiu); Taut, A (Taut, Adrian); Grama, A (Grama, Alin); Ceuca, E (Ceuca, Emilian)	<p>Analysis and Simulation of LCLR Converters</p> <p>Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 286- 289 Published: 2013 Accession Number: WOS:000374113900054 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08-12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	0,25	4	8,13
37	Taut, A (Taut, A.); Pop, O (Pop, O.); Ceuca, E (Ceuca, E.)	<p>System for Energy Recovering with BLDC Motor at Deceleration Momentum</p> <p>Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 299- 304 Published: 2013 Accession Number: WOS:000374113900057 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	0,25	3	10,83
38	Tulbure, A (Tulbure, Adrian); Ceuca, E (Ceuca, Emilian); Farcas, C (Farcas, Cristian); Farcas, I (Farcas, Ioana)	<p>The Power Quality Influence on the Reliability of PFC Capacitors</p> <p>Book Group Author(s): IEEE Source: 2013 PROCEEDINGS OF THE 36TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 295- 298 Published: 2013 Accession Number: WOS:000374113900056 Conference Title: 36th International Spring Seminar on Electronics Technology Conference Date: MAY 08- 12, 2013 Conference Location: Alba Iulia, ROMANIA ISSN: 21612528 ISBN: 9781479900367</p>	0,25	4	8,13

39	Ceuca, E (Ceuca, Emilian); Tulbure, A (Tulbure, Adrian); Plesa, S (Plesa, Simona)	<p>The Battery Management in Green Energy Production Book Group Author(s): IEEE Source: 2012 35TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE 2012): POWER ELECTRONICS Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 350-354 Published: 2012 Accession Number: WOS:000374111700067 Conference Title: 35th International Spring Seminar on Electronics Technology Power Electronics (ISSE) Conference Date: MAY 09-13, 2012 Conference Location: Bad Aussee, AUSTRIA Conference Sponsors: TU Wien, IEEE Compnents, Packaging, & Mfg Technol Soc ISSN: 21612528 ISBN: 9781467322409</p>	0,25	3	10,83
40	Tulbure, A (Tulbure, Adrian); Ceuca, E (Ceuca, Emilian); Albu, M (Albu, Mihaela)	<p>Standard and Customised Measurements for Wind Potential Assessment Book Group Author(s): IEEE Source: 2012 IEEE INTERNATIONAL INSTRUMENTATION AND MEASUREMENT TECHNOLOGY CONFERENCE (I2MTC) Book Series: IEEE Instrumentation and Measurement Technology Conference Pages: 865- 869 Published: 2012 Accession Number: WOS:000309449100163 Conference Title: IEEE International Instrumentation and Measurement Technology Conference (I2MTC) Conference Date: MAY 13-16, 2012 Conference Location: Graz, AUSTRIA Conference Sponsors: IEEE, IEEE Instrumentat & Measurement Soc, IEEE Austria Sect, TU Graz, Virtual Vehicle Competence Ctr, Obuda Univ, European Acad Sci & Arts, Austrian Acad Sci, Int Soc Petr Engineers, Drilling Syst Automat Tech Sect, Arbeitskreis Hochschullehrer Messtechnik e.V. (AHMT), Joanneum Res, Austrian Ctr Competence Mechatron (ACCM), Platform Artemis Austria</p>	0,25	3	10,83
41	Ceuca, E (Ceuca, E.); Tulbure, A (Tulbure, A.); Ileana, I (Ileana, I.); Brezeanu, G (Brezeanu, Gh.); Covaciu, C (Covaciu, C.)	<p>Wind energy evaluation and solution for home applications Edited by: Schiopu P; Caruntu G Source: ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES V Book Series: Proceedings of SPIETheInternational Society for Optical Engineering Volume: 7821 Article Number: 78210P DOI: 10.1117/12.882380 Published: 2010 Accession Number: WOS:000287803900024 Conference Title: Conference on Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies V Conference Date: AUG 26- 29, 2010 Conference Location: Constanta, ROMANIA Conference Sponsors: Politehnica Univ Bucharest, Optoelectron Res Ctr, Constanta Maritime Univ, SPIE ISSN: 0277786X ISBN: 9780819483300</p>	0,25	5	6,50
42	Ceuca, E (Ceuca, E.); Lungu, S (Lungu, S.); Tulbure, A (Tulbure, A.); Brezeanu, G (Brezeanu, Gh)	<p>Experimental Stand for Research the Alternators Directions of Further Development Book Group Author(s): Transilvania Univ Brasov, Fac Elect Engn & Comp Sci Source: OPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, PTS IIV Book Series: Proceedings of the International Conference on Optimization of Electrical and Electronic Equipment Pages: 659 -664 DOI: 10.1109/OPTIM.2010.5510489 Published: 2010 Accession Number: WOS:000291967300094 Conference Title: 12th International Conference on Optimization of Electrical and Electronic Equipment Conference Date: MAY 20- 21, 2010 Conference Location: Brasov, ROMANIA Conference Sponsors: IEEE, IAS, IEEE, PELS, IEEE, IES ISSN: 18420133</p>	0,25	4	8,13

43	Ceuca, IE (Ceuca, I. E.); Tulbure, A (Tulbure, A.); Domsa, O (Domsa, O.); Covaciu, C (Covaciu, C.)	Study from implementing algorithms for face detection and recognition for embedded systems PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3 Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2010 Accession Number: WOS:000419281500168 Conference Title: IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR) Conference Date: MAY 28-30, 2010 Conference Location: Cluj Napoca, ROMANIA ISSN: 1844-7872 ISBN: 978-1-4244-6725-9	0,25	4	8,13
44	Dachin, TE (Dachin, T. E.); Iancu, V (Iancu, V.); Nemes, CM (Nemes, C. M.); Ceuca, E (Ceuca, E.)	Battery Charger Circuit Through Maximum Differential Voltage Tracking PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3 Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2010 Accession Number: WOS:000419281500228 Conference Title: IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR) Conference Date: MAY 28-30, 2010 Conference Location: Cluj Napoca, ROMANIA ISSN: 1844-7872 ISBN: 978-1-4244-6725-9	0,25	4	8,13
45	Tulbure, A (Tulbure, A.); Turschner, D (Turschner, D.); Abrudean, M (Abrudean, M.); Ceuca, E (Ceuca, E.) ; Ormenisan, R (Ormenisan, R.)	Experimental Comparation of Switching with IGBT and MOSFET PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3 Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2010 Accession Number: WOS:000419281500103 Conference Title: IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR) Conference Date: MAY 28-30, 2010 Conference Location: Cluj Napoca, ROMANIA	0,25	5	6,50
46	Ceuca, E (Ceuca, E.) ; Olteanu, E (Olteanu, E.); Joldes, R (Joldes, R.)	Digital technique of circuit's analyses 2007 30TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 571-574 DOI: 10.1109/ISSE.2007.4432922 Published: 2007 Accession Number: WOS:000255232500112 Conference Title: 30th International Spring Seminar on Electronics Technology Conference Date: MAY 09-13, 2007 Conference Location: Cluj Napoca, ROMANIA ISSN: 2161-2536 ISBN: 978-1-4244-1217-4	0,25	3	10,83
47	Ceuca, E (Ceuca, E.) ; Olteanu, E (Olteanu, E.); Joldes, R (Joldes, R.)	Extended voltage level in automotive - Simulation approach 2007 30TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 575-578 DOI: 10.1109/ISSE.2007.4432923 Published: 2007 Accession Number: WOS:000255232500113 Conference Title: 30th International Spring Seminar on Electronics Technology Conference Date: MAY 09-13, 2007 Conference Location: Cluj Napoca, ROMANIA ISSN: 2161-2536 ISBN: 978-1-4244-1217-4	0,25	3	10,83
48	Ceuca, E (Ceuca, E.) ; Joldes, R (Joldes, R.); Olteanu, E (Olteanu, E.)	Simulation of automotive alternator - solution for increasing electrical power 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 292-+ Published: 2006 Accession Number: WOS:000241459500054 Conference Title: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Conference Date: MAY 25-28, 2006 Conference Location: Cluj Napoca, ROMANIA	0,25	3	10,83

1	Contractul de Cercetare – Dezvoltare si Consultanta nr. 185 /25.03.2016 CONTINENTAL AUTOMOTIVE & RESEARCH CENTER CONTINENTAL TOULOUSE / Act Adititional 1 + Act Adititional Nr. 2 + Act Adititional 3 + Act Adititional Nr. 4 („FMEDA-failure mode and element diagnose analyze”) RENAULT - BCM (Body control module C1_A _) - 2016,2017,2018- valoare 226500 RON , (aprox 50.000 Euro)	2016-2018	3	60,00
2	Contractul de Cercetare – Dezvoltare si Consultanta nr. 102 /22.03.2018 CONTINENTAL AUTOMOTIVE & RESEARCH CENTER CONTINENTAL TOULOUSE / Act Adititional 1 („DFMEA Design and FMEDA- element diagnose analyze”)NISSAN - BCM (Body control module C1_HS_run1) - 2018,2019,2020- valoare 186592 RON , (aprox 40.000 Euro)	2018-2020	3	60,00
3				0,00
4				0,00
5				0,00

A2.4.1.2. Granturi/proiecte castigate prin competitie sau Contracte cu agenti economici in valoare de minim 10 000 dolari SUA- director/responsabil de proiect nationale; Nu se considera proiecte/granturi care nu prezinta caracter predominant de cercetare. Trebuie sa fie relevante pentru postul de concurs/domeniul de abilitare. Documente care demonstreaza caracterul de cercetare				Punctaj	Numar
				70,00	2
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	Contract de Cercetare Dezvoltare si Consultantă MIELE TEHNICA 378/ PERIOADA 2016 - 2021 (VALOARE 12000 euro). Obiectul contractului: O1. Dezvoltare experimentală a unui circuit pentru recuperarea energiei din masinile de spalat Miele tolosind supercapacitori. O2. Realizarea unui sistem Automat/ Manual	2016 - 2021	5	50,00	
2	Contractul de Cercetare – Dezvoltare si Consultanta nr. 213/15.04.2015 _ Act Adititional Nr. 2 CONTINENTAL AUTOMOTIVE (Nr. Beneficiar 8602 /15.05.2015 „FMEDA-failure mode and element diagnose analyze) 2015,2016 (Platforma Nissan NewCMF1) Valoare (15000 Euro)	2015-2016	2	20,00	
3				0,00	
4				0,00	
5				0,00	

A2.4.2.1. Granturi/proiecte castigate prin competitie sau Contracte cu agenti economici in valoare de minim 10 000 dolari SUA: membru in echipa - internationale; Nu se considera proiecte/granturi care nu prezinta caracter predominant de cercetare. Trebuie sa fie relevante pentru postul de concurs/domeniul de abilitare. Documente care demonstreaza caracterul de cercetare				Punctaj	Numar
				40,000	2,00
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	Contract de Cercetare și Consultanta 22379/8.11.2006, cu partener extern: CONTINENTAL AG Nurenberg, GERMANIA 2006-2014, Testarea si intretinerea echipamentelor electronice din industria auto, perioada desfasurare 2006-2014 , valoare de 150000 EURO/an, Emilian Ceuca –	2006-2014	8	32,00	
2	Experimental research for estimating the wind energetic potential in Alba County (location indicated by beneficiary). Contract nr.285/04.09.2009 incheiat cu compania IWC Germania Val. 21.500 EURO, Emilian Ceuca – membru in echipa.	2009-2010	2	8,00	
3				0,00	
4				0,00	
5				0,00	

A2.4.2.2. Granturi/proiecte castigate prin competitie sau Contracte cu agenti economici in valoare de minim 10 000 dolari SUA: membru in echipa - nationale;				Punctaj	Numar
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A2.4.2.2. Granturi/proiecte castigate prin competitie sau contracte cu agenti economici in valoare de minim 10 000 dolari SUA. membru in echipa - nationale,
Nu se considera proiecte/granturi care nu prezinta caracter predominant de cercetare. Trebuie sa fie relevante pentru postul de concurs/domeniul de abilitare. Documente care demonstreaza caracterul de cercetare

6,000

3,00

Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj
1	CONTRACTUL DE CERCETARE 1/4.1.2010 ,SIEMENS SB, "Masurari experimentale, bilantare si audit energetic complex pentru consumatorii importanti din cadrul SC SIEMENS SIBIU SRL locatia Sibiu". Contract nr. 01/04.01.2010, încheiat cu agentul economic SIEMENS Industrial Manufacturing Engineering and Applications SIMEA Srl, valoare 14.137,20 lei	2010-2011	1	2,00
2	CONTRACTUL DE CERCETARE 54/25.06.2010 CT APA ARAD, valoare contract 11660 Ron	2010-2011	1	2,00
3	POSDRU 156/1.2./G/137166 "Oameni inteligenti pentru orase inteligente - Adaptarea programelor de studiu în domeniile electronicii aplicate, informaticii și ingineriei mediului la cerințele secolului 21" Expert monitorizare activitate studenți laboratoare CIM 3508/30.09.2014	2014-2015	1	2,00
4				0,00
5				0,00
6				0,00
7				0,00
8				0,00