

Subcategorii	Nr	Nr min prof	Ani	kpi	Punctaj	Punctaj min
A1.1.1	1			25	25.00	
A1.1.2	5			20	100.00	
Total A1.1.1-A1.1.2	6	4				
A1.2.1	11	2		10	110.00	
Total A1					235.00	100
A2.1	27	12			295.61	
A2.2	16				89.67	
A2.3.1	1				4.17	
A2.3.2						
A2.4.1.1						
A2.4.1.2	11		1		110.00	
Total A2.4.1.1- A2.4.1.2	11	2				
A2.4.2.1	10		1		40.00	
A2.4.2.2	9		1		18.00	
Total A2					557.45	500
A3.1.1	24				67.60	
A3.1.2	26				40.13	
Total A3.1.1-A3.1.2	50	20				
A3.2.1	2			10	20.00	
A3.2.2				5		
A3.3.1	6			10	60.00	
A3.3.2	5			6	30.00	
A3.3.3				3		
A3.4.1				15		
A3.4.2	2			5	10.00	
Total A3					227.73	100
FI cumulata					9.82	6
Total A1+A2+A3					1020.18	700

Candidat,
Conf.dr.ing. Catalin-Daniel Caleanu

A2.1 Reviste ISI	Nr art	Nr aut	FI	Punctaj
	1	4	0.880	10.650
	1	5	1.266	10.064
	1	3	0.210	9.733
	1	4	0.265	7.575
	1	5	1.266	10.064
	1	4	0.552	9.010
	1	5	0.379	6.516
Total rev 5 int + 2 rom	7		4.818	63.612
A2.1 Proceedings ISI				
	2	1	0.250	60.000
	4	2	0.250	60.000
	4	3	0.250	40.000
	8	4	0.250	60.000
	2	5	0.250	12.000
Total conf 17 int + 3 rom	20		5.000	232.000

A2.2 Reviste BDI	Nr art	Nr aut	Punctaj
	1	2	10.000
	3	3	20.000
	6	4	30.000
	2	5	8.000
Total rev 9 int + 3 rom	12		68.000
A2.2 Proceedings BDI			
	1	3	6.667
	3	4	15.000
Total conf 4 int	4		21.667

A3.1.1 Citari ISI	Nr art	Nr aut	Punctaj
	4	1	32.000
	1	2	4.000
	3	4	6.000
	16	5	25.600
Total citari ISI	24		67.600
A2.1 Citari BDI			
	4	1	16.000
	3	2	6.000
	1	3	1.333
	12	4	12.000
	6	5	4.800
Total citari BDI	26		40.133

Universitatea "POLITEHNICA" din Timișoar
 Facultatea Electronica si Telecomunicatii
 Departamentul Electronica Aplicata

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1 Teza de doctorat

Nr. Crt	Autor	Conducător științific	Titlul tezei de doctorat	Domeniul		Editura	ISBN	Anul	Număr de pagini	Teza de doctorat confirmată prin
				fundamental	de doctorat					
1	Caleanu Catalin	Prof.dr.ing. Corneliu TOMA	Recunoastere faciala bazata pe procesare neuronala paralela si metoda operatorului de interes	Stiinte Tehnice	Inginerie Electronica si Telecomunicatii			2001	171	4202/27.07.2001

LISTA DE LUCRĂRI ȘTIINȚIFICE
A1.1.1 Cărți de specialitate publicate la edituri din străinătate

Nr. Crt	Autori	Titlul cărții	Editura	ISBN	Anul	Număr total de pagini	Număr de pagini contribuție proprie
1	G. Pradel, Căleanu Catalin	Symbolic trajectory description in mobile robotics	în Sascha Kolski (editor), "Mobile Robots, Perception & Navigation", Pro Literatur Verlag, Germania, http://www.intechopen.com/books/mobile_robots_perception_navigation	3-86611-283-1	2007	704	20

LISTA DE LUCRĂRI ȘTIINȚIFICE
A1.1.2 Cărți de specialitate publicate la edituri din țară, recunoscute de CNCSIS

Nr. Crt	Autori	Titlul cărții	Editura	ISBN	Anul	Număr total de pagini	Număr de pagini contribuție proprie
1	Caleanu Catalin, A. Filip, V. Ticonut	Dispozitive și Circuite Electronice. Experimente și Simulare. Editia II	POLITEHNICA	978-606-554-160-3	2010	195	150
2	Caleanu Catalin, V. Ticonut, A. Filip, V. Maraescu	Electronic Devices	POLITEHNICA	978-606-554-042-2	2010	180	96
3	Caleanu Catalin	Dispozitive și Circuite Electronice. Experimente și Simulare	POLITEHNICA	973-625-086-5	2003	170	170
4	V. Ticonut, Caleanu Catalin	Rețele neuronale. Arhitecturi și algoritmi	POLITEHNICA	973-9389-66-X	2002	232	143
5	Caleanu Catalin, V. Ticonut	Rețele neuronale. Aplicații	POLITEHNICA	973-9389-67-8	2001	112	77

LISTA DE LUCRĂRI ȘTIINȚIFICE
A1.2.1 Note de curs postate pe site-ul WEB al universității / facultății / departamentului

Nr. Crt	Autori	Titlul materialului	Adresa WEB de acces	Beneficiari (anul de studii, specializarea)	Anul postării	Număr total de pagini	Număr de pagini contribuție proprie
1	Caleanu Catalin	Circuite Electronice Fundamentale. Note de curs	https://intranet.etc.upt.ro/~CEF_A/Curs/	an II, ETc	2012	240	240
2	Caleanu Catalin	Circuite Electronice Fundamentale. Note de seminar	https://intranet.etc.upt.ro/~CEF_A/Seminar/	an II, ETc	2012	68	68
3	Caleanu Catalin	Circuite Electronice Fundamentale. Note de laborator	https://intranet.etc.upt.ro/~CEF_A/Lab/	an II, ETc	2012	86	86
4	Caleanu Catalin	Electronic Devices. Course notes	https://intranet.etc.upt.ro/~ED/Teaching materials/Course/	an I, Politehnica International	2011	233	233
5	Caleanu Catalin	Electronic Devices. Applications	https://intranet.etc.upt.ro/~ED/Teaching materials/Lab/	an I, Politehnica International	2011	108	108
6	Caleanu Catalin	Embedded Systems. Course notes	https://intranet.etc.upt.ro/~EMBEDDED_SYS/Course/	an III, Politehnica International	2010	382	382
7	Caleanu Catalin	Embedded Systems. Applications	https://intranet.etc.upt.ro/~EMBEDDED_SYS/Lab/	an III, Politehnica International	2010	210	210
8	Caleanu Catalin	Elemente de Inteligenta Artificiala. Note de curs	https://intranet.etc.upt.ro/~EIA/Curs/	an I, master ESII	2009	309	120
9	Caleanu Catalin	Elemente de Inteligenta Artificiala. Aplicații	https://intranet.etc.upt.ro/~EIA/Lab/	an I, master ESII	2009	145	120
10	Caleanu Catalin	Sisteme expert. Note de curs	https://intranet.etc.upt.ro/~S_EXP/Curs/	an II, master ESII	2009	297	42
11	Caleanu Catalin	Sisteme expert. Note de laborator	https://intranet.etc.upt.ro/~S_EXP/Lab/	an II, master ESII	2009	42	42

LISTA DE LUCRĂRI ȘTIINȚIFICE

A2.1a Articole publicate în reviste de specialitate din străinătate, cotate ISI

Nr. Crt	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Pag.	Factor de impact
1	X. Wang, X. Mao, Căleanu Catalin, M. Ishizuka	Statistical shape analysis for face movement manifold modeling	Optical Engineering http://dx.doi.org/10.1117/1.OE.51.3.037004	2012	51(3)	0370040-0370048	0.88 SRI 0.650073
2	Căleanu Catalin, X. Mao, G. Pradel, S. Moga, Y. Xue	Combined pattern search optimization of feature extraction and classification parameters in facial recognition	Pattern Recognition Letters, Elsevier - ScienceDirect, ISSN 0167-8655, DOI: http://dx.doi.org/10.1016/j.patrec.2011.03.019	2011	32(9)	1250-1255	1.266 SRI 1.12676
3	X.K. Wang, X. Mao, Căleanu Catalin	Nonlinear Shape-Texture Manifold Learning	IEICE Transactions on Information and Systems, DOI: http://dx.doi.org/10.1587/transinf.E93.D.2016	2010	E93-D, no. 7	2016-2019	0.210 SRI 0.26533
4	Y. Xue, X. Mao, Căleanu Catalin, ShanWei Lv	Layered Fuzzy Facial Expression Generation of Virtual Agent	Chinese Journal of Electronics	2010	Vol. 19, No.1	69-74	0.265 SRI 0.07196
5	Căleanu Catalin, De-Shuang Huang, V. Gui, V. Tîponuț, V. Maranescu	Interest Operator vs. Gabor Filtering for Facial Imagery Classification	Pattern Recognition Letters, Elsevier - ScienceDirect, ISSN 0167-8655, DOI: http://dx.doi.org/10.1016/j.patrec.2006.12.013	2007	28(8)	950-956	1.266 SRI 1.12676

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A2.1b Articole publicate în reviste de specialitate din țară, cotate ISI

Nr. Crt	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Pag.	Factor de impact
1	R. Mîrșu, S. Micuț, Căleanu Catalin, D. B. Mîrșu	Optimized Simulation Framework for Spiking Neural Networks using GPU's	Advances in Electrical and Computer Engineering http://dx.doi.org/10.4316/AEC.E.2012.02011	2012	12(2)	61- 68	0.552 SRI 0
2	V. Maranescu, N. Pleșu, C. Toma, Căleanu Catalin, M. Tănase	Nonlinear Thermal Impedance Electrical Model for Polymers Used in Electronic Industry	Materiale Plastice, MPLAAM 43(2), ISSN 0025-5289	2006	43(2)	165-170	0.379

LISTA DE LUCRĂRI ȘTIINȚIFICE

A2.1c Articole publicate în volumele unor manifestări științifice internaționale (Proceedings), din străinătate, cotate ISI

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
1	G. Simion, Căleanu Catalin	Sparse Feature for Hand Gesture Recognition: A Comparative Study	36th International Conference on Telecommunications and Signal Processing (TSP), Rome, Italy	2013	2-4 Iulie	978-1-4799-0403-7	858-861
2	R. Mîrșu, Căleanu Catalin, V. Tîponuț	GPU Accelerated Model for Liquid State Machine Based on spiking Neurons	MENDEL 2011, 17th International Conference on Soft Computing, Brno, Czech Republic	2011	Iunie 15-17	ISSN 1803-3814	275-281
3	F. Alexa, V. Gui, Căleanu Catalin, C. David	Fast contur extraction	Proceedings of the 8th WSEAS International Conference on CIRCUITS, SYSTEMS, ELECTRONICS, CONTROL & SIGNAL PROCESSING (CSECS '09), Puerto De La Cruz, Tenerife, Canary Islands, Spain	2009	December 14-16	ISSN: 1790-5117, ISBN: 978-960-474-139-7	pag. 232-235
4	I. Lie, V. Tîponuț, Căleanu Catalin	Rotation Detector Using FM Principles	Recent Advances in Circuits, Proceedings of the 13th WSEAS International Conference on CIRCUITS, WSEAS International Conferences, Rodos, Greece	2009	July 22-25	ISBN 978-960-474-096-3, ISSN 1790-5117	pag. 119-122

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Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
5	V. Gui, Căleanu Catalin	On the Effectiveness of Multiscale Mode Filters in Edge Preserving Image Filtering	Recent Advances in Systems, Proceedings of the 13th WSEAS International Conference on SYSTEMS, WSEAS International Conferences, Rodos, Greece	2009	July 22-25	ISSN 1790-2769, ISBN 978-960-474-097-0	pag. 190-195
6	F. Alexa, V. Gui, Căleanu Catalin, C. Botoca	Lossless Data Compression Using Neural Networks	Proceedings of the 7th WSEAS International Conference on CIRCUITS, SYSTEMS, ELECTRONICS, CONTROL and SIGNAL PROCESSING (CSECS'08), Puerto De La Cruz, Tenerife, Canary Islands, Spain	2008	Dec. 15-17	ISSN: 1790-5117, ISBN: 978-960-474-035-2	pag. 128-132
7	Căleanu Catalin, V. Tîponuț, I. Bogdanov, I. Lie	Emergent Behaviour Evolution in Collective Autonomous Mobile Robots	WSEAS International Conference on SYSTEMS, Heraklion, Crete Island, Greece	2008	Iulie 22-24	ISBN 978-960-6766-83-1, ISSN 1790-2769	pag. 428-433
8	V. Tîponuț, S. Popescu, I. Bogdanov, Căleanu Catalin	Obstacles Detection System For Visually Impaired Guidance	WSEAS International Conference on SYSTEMS, Heraklion, Crete Island, Greece	2008	Iulie 22-24	ISBN: 978-960-6766-83-1, ISSN: 1790-2769	pag. 350-354
9	I. Lie, V. Tîponuț, I. Bogdanov, S. Ionel, Căleanu Catalin	Data Acquisition System for Heat Costs Allocation	Proceedings of the 12th WSEAS International Conference on CIRCUITS, Heraklion, Crete Island, Greece	2008	Iulie 22-24	ISBN: 978-960-6766-82-4, ISSN: 1790-5117	pag. 163-168

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A2.1c Articole publicate în volumele unor manifestări științifice internaționale (Proceedings), din străinătate, cotate ISI

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
10	V. Tîponuț, S. Ionel, Căleanu Catalin, I. Lie	Improved Version of an Integrated Environment for Assisted Movement of Visually Impaired	Proceedings of the 11th WSEAS International Conference on SYSTEMS, Agios Nikolaos, Crete Island, Greece	2007	Iulie 23-25	ISSN: 1790-5117, ISBN: 978-960-8457-89-8	pag. 87-91
11	I. Lie, V. Tîponuț, I. Bogdanov, S. Ionel, Căleanu Catalin	The Development of CPLD-Based Ultrasonic Flowmeter	Proceedings of the 11th WSEAS International Conference on CIRCUITS , Crete Island, Greece	2007	Iulie 23-25	ISSN: 1790-5117, ISBN: 978-960-8457-89-8	pag. 190-193
12	V. Gui, F. Alexa, Căleanu Catalin	Barley Seeds Classification with Genetically Optimized Kernel Density Estimator	Proceedings of the 6th WSEAS International Conference on Computational Intelligence, Man-Machine Systems and Cybernetics (CIMMACS '07), , Puerto De La Cruz, Tenerife, Canary Islands, Spain, 2007	2007	Decembrie 14-16	ISBN: 978-960-6766-21-3, ISSN: 1790-5117	pag. 131-134
13	S. Ionel, V. Tîponuț, Căleanu Catalin, I. Lie	Continuity Relations for Random Transients in Electrical Circuits	Proceedings of the 11th WSEAS International Conference on CIRCUITS, , Crete Island, Greece	2007	Iulie 23-25	ISSN: 1790-5117, ISBN: 978-960-8457-89-8	pag. 147-151
14	Căleanu Catalin, V. Tîponuț, I. Bogdanov, S. Ionel, I. Lie	C# and .NET Framework for uC communication protocol implementation	Proceedings of the 11th WSEAS International Conference on COMPUTERS, Agios Nikolaos, Crete Island, Greece	2007	Iulie 26-28	ISSN: 1790-5117, ISBN: 978-960-8457-92-8	pag. 583-586

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Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
15	G. Pradel, I. Bogdanov, Căleanu Catalin	Methods for Salient Frescoes Selection Based Mobile Robots Navigation	Proceedings of the 2006 IEEE International Conference on Control Applications, Munich, Germany, IEEE Catalog nr. 06CH37824C	2006	Oct. 4-6	ISBN 0-7803-9796-7	pag. 3259 – 3264
16	M. Mocofan, Căleanu Catalin, D. Lacrămă, F. Alexa	Unsupervised Texture Image Segmentation	Proceedings of the 5th Seminar on Neural Networks Applications in Electrical Engineering, NEUREL 2000, Belgrad, Yugoslavia	2000	Sept.25-27	ISBN: 0-7803-5512-1	pag.101-104
17	Căleanu Catalin	Facial Recognition using Committee of Neural Networks	Proceedings of the 5th Seminar on Neural Networks Applications in Electrical Engineering, NEUREL 2000, Belgrad, Yugoslavia	2000	Sept.25-27	ISBN: 0-7803-5512-1	pag.97-100

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A2.1d Articole publicate în volumele unor manifestări științifice internaționale (Proceedings), din țară, cotate ISI

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
1	Caleanu Catalin	Face Expression Recognition: a Brief Overview of the Last Decade	8th IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara	2013	23-25 Mai	ISBN Number: 978-1-4673-6398-3 (pendrive); 978-1-4673-6397-6 (printed0	157- 161

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A2.2a Articole publicate în reviste de specialitate din străinătate, indexate în baze de date internaționale (BDI)

Nr. Crt	Autori	Titlul lucrării	Revista	BDI (Baza de date internațională)	Anul	Vol (Nr.)	Pag.
1	YuLi Xue, Xia Mao, Căleanu Catalin, Q. Chang	Layered fuzzy facial expression generation based on sociality, emotion and physiology	Pattern Recognition and Artificial Intelligence	SCOPUS	2010	23(5)	pag. 663-670
2	YuLi Xue, Xia Mao, Căleanu Catalin, ShanWei Lv	Robust Facial Expression Recognition Under Occlusion Condition	Journal of Beijing University of Aeronautics and Astronautics	Engineering Village2	2010	4(36)	pag. 429-433
3	I. Lie, V. Tîponuț, I. Bogdanov, S. Ionel, Căleanu Catalin	Automated Meter Reading System for Heat Costs Allocation	WSEAS Transactions on Circuits and Systems, ISSN 1109-2734	SCOPUS	2009	2(8)	pag. 177-186
4	S. Ionel, V. Tîponuț, Căleanu Catalin, I. Lie	A Unified Treatment of Deterministic and Random Transients in Electrical Circuits	WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS, ISSN: 1109-2734	SCOPUS	2008	7(3)	pag. 87-95
5	I. Lie, V. Tîponuț, I. Bogdanov, S. Ionel, Căleanu Catalin	A Low Cost CPLD-Based Ultrasonic Flowmeter	WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS, ISSN: 1109-2734	SCOPUS	2008	7(3)	pag. 102-108
6	V. Gui, F. Alexa, Căleanu Catalin, D. Fuiorea	Motion Segmentation and Analysis in Video Sequences	WSEAS Transactions on Circuits and Systems, ISSN 1109-2734	SCOPUS	2007	6(1)	pag. 142-148
7	Căleanu Catalin, C. Botoca	C# Solutions for a Face Detection and Recognition System	FACTA UNIVERSITATIS, Ser. Elec. Energ., Vol. 20, no. 1, ISSN 0353-3670,, Nis, Serbia, 2007.	Zentrallblatt	2007	20(1)	pag. 93-105
8	Căleanu Catalin, V. Gui, F. Alexa	Direct Search Optimized Feature Extraction	WSEAS Transactions on Systems and Control, ISSN 1991-8763	SCOPUS	2006	1(2)	pag. 113 – 120
9	V. Tîponuț, I. Gavriluț, Căleanu Catalin, A. Gacsadi	Development of a Neural Network Guided Mobile Robot Collectivity	WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS, ISSN 1109-2734	Engineering Village2	2006	5(6)	pag. 805-812

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A2.2b Articole publicate în volumele unor manifestări științifice (Proceedings), din străinătate, indexate în baze de date internaționale (BDI)

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	BDI (Baza de date internațională)	Anul	Ziua, luna	ISBN și / sau ISSN	Pag.
1	Caleanu Catalin, X. Mao, V. Tiponuț, Y. Xue	Direct Search as Unsupervised Training Algorithm for Neural Networks	14th WSEAS International Conference on SYSTEMS , Latest Trends on Systems, Corfu Island, Greece	ACM	2010	Iulie 22-24	ISSN: 1792-4235, ISBN: 978-960-474-214-1	pag. 575-579,
2	Caleanu Catalin, V. Gui, F. Alexa	Face Recognition via Direct Search Optimized Gabor Filters	The 5th WSEAS International Conference on System Science and Simulation in Engineering, (ICOSSE'06), Tenerife, Canary Islands, Spain	ACM	2006	Dec. 16-18	ISBN 960-8457-57-2	pag. 209-214
3	V. Gui, F. Alexa, Caleanu Catalin, D. Fuiorea	Robust 2D Moving Object Segmentation and Tracking in Video Sequences	The 5th WSEAS International Conference on System Science and Simulation in Engineering, (ICOSSE'06) Tenerife, Canary Islands, Spain	ACM	2006	Dec. 16-18	ISBN 960-8457-57-2	pag.232-236
4	V. Tiponut, A. Gacsady, Caleanu Catalin, I. Gavrilut	Neural Network Guided Robot Collectivity – An Experimental Setup	7th WSEAS International Conference on NEURAL NETWORKS (NN'06), Cavtat, Croatia	ACM	2006	June 12-14	ISBN 960-8457-46-7, ISSN: 1790-5109	pag. 41 – 46

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A2.2c Articole publicate în reviste de specialitate din țară, indexate în baze de date internaționale (BDI)

Nr. Crt	Autori	Titlul lucrării	Revista	BDI (Baza de date internațională)	Anul	Vol (Nr.)	Pag.
1	V. Maranescu, N. Pleșu, Căleanu Catalin, C. Toma	Accurate Modeling of Carbon-Polymer Composites Thermal Path in High Power Density Electronic Devices	Annals of West University of Timișoara – Series of Chemistry, pag. 65 – 74, ISSN 1224-9513	Current Contents	2006	15(1)	pag. 65 – 74
2	M. Mocofan, Căleanu Catalin, V. Maranescu	Tree content based search algorithm for an image databases	ACTA TEHNICA NAPOCENSIS. ELECTRONICS AND TELECOMMUNICATIONS, Nr. 2 , ISSN 1221-6542	Current Contents	2004	45(2)	pag. 24 – 29
3	Căleanu Catalin, M. Mocofan, V. Maranescu	Benchmarking Feedforward Neural Networks Training Algorithms	ACTA TEHNICA NAPOCENSIS. ELECTRONICS AND TELECOMMUNICATIONS, Nr. 2 , ISSN 1221-6542	Current Contents	2004	45(2)	pag.69-74

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A2.3.1 Brevete de invenție

Nr. Crt	Autori	Titlul brevetului	Date de identificare (Număr, data de înregistrare, titular, etc.)	Anul	Tip de brevet		
					aplicat	neaplicat protejat internațional	neaplicat protejat național
1	GUI Vasile, Alexa F., Căleanu Catalin, David C., Popa G., Simion G.	Method for tracking hand fingers and human computer communication means	RO127779-A0	2012	x		

LISTA GRANTURILOR/CONTRACTELOR DE CERCETARE-DEZVOLTARE INOVARE
A2.4.2.1 GRANTURI DE CERCETARE-DEZVOLTARE INOVARE INTERNAȚIONALE

Nr. Crt.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Nr. Grant	Anul	Valoare anuală grant EURO	Beneficiar	Poziția în cadrul echipei de cercetare			
							Coordonator proiect internațional	Director proiect partener UPT	Membru în echipa de management coordonatoare a proiectului	Membru în echipa de cercetare
1	Savii G., Bogdanov Ivan , Maniu I.,V. Gui, Caleanu Catalin., Maniu I, Dolga V, Miron C, Vaidanu I	SIARAS, Skill-based Inspection and Assembly for Reconfigurable Automation Systems	FP6-NMP2-CT-2005-017145	2008	37,714	Comisia europeana				X
2	Savii G., Bogdanov Ivan , Maniu I.,V. Gui, Caleanu Catalin., Maniu I, Dolga V, Miron C, Vaidanu I	SIARAS, Skill-based Inspection and Assembly for Reconfigurable Automation Systems	EU Sixth Framework Programe Priority, FP6- 017146	2007	5,853	Comisia europeana				X
3	Stoiciu Dan, Aldo De Sabata, Tiponut Virgil, Caleanu Catalin, Toma Liviu, Mischie Septimiu, Gavrilesco Cristian, Ionel Sabin, Popovici Adrian, Popescu Viorel, Pazsitka Robert, Vlaicu Aurel, Bota Vasile, Arsinte Radu, Polgar Zsolt	Restructuring of Post University DSP Courses	TEMPUS AC-JEP 13438-98, Valoarea finantatii: 234.000 ECU	2001	35,000	European Training Foundation				X
4	Stoiciu Dan, Aldo De Sabata, Tiponut Virgil, Caleanu Catalin, Toma Liviu, Mischie Septimiu, Gavrilesco Cristian, Ionel Sabin, Popovici Adrian, Popescu Viorel, Pazsitka Robert, Vlaicu Aurel, Bota Vasile, Arsinte Radu, Polgar Zsolt	Restructuring of Post University DSP Courses	TEMPUS AC-JEP 13438-98, Valoarea finantatii: 234.000 ECU	2000	100,000	European Training Foundation				X
5	Stoiciu Dan, Aldo De Sabata, Tiponut Virgil, Caleanu Catalin, Toma Liviu, Mischie Septimiu, Gavrilesco Cristian, Ionel Sabin, Popovici Adrian, Popescu Viorel, Pazsitka Robert, Vlaicu Aurel, Bota Vasile, Arsinte Radu, Polgar Zsolt	Restructuring of Post University DSP Courses	TEMPUS AC-JEP 13438-98, Valoarea finantatii: 234.000 ECU	1999	100,000	European Training Foundation				X
6	Stoiciu Dan, Aldo De Sabata, Tiponut Virgil, Caleanu Catalin, Toma Liviu, Mischie Septimiu, Gavrilesco Cristian, Ionel Sabin, Popovici Adrian, Popescu Viorel, Pazsitka Robert, Vlaicu Aurel, Bota Vasile, Arsinte Radu, Polgar Zsolt	Restructuring of Post University DSP Courses	TEMPUS AC-JEP 13438-98, Valoarea finantatii: 234.000 ECU	1998	117,000	European Training Foundation				X
7	R. VasIU, Caleanu Catalin	DRUM – Development of Romanian Universities Multimedia	TEMPUS S-JEP 09838/95, Valoare finantare: 460.000 ECU	1998	5,200	European Training Foundation				X
8	R. VasIU, Caleanu Catalin	DRUM – Development of Romanian Universities Multimedia	TEMPUS S-JEP 09838/95, Valoare finantare: 460.000 ECU	1997	5,200	European Training Foundation				X
9	R. VasIU, Caleanu Catalin	DRUM – Development of Romanian Universities Multimedia	TEMPUS S-JEP 09838/95, Valoare finantare: 460.000 ECU	1996	5,200	European Training Foundation				X
10	R. VasIU, Caleanu Catalin	DRUM – Development of Romanian Universities Multimedia	TEMPUS S-JEP 09838/95, Valoare finantare: 460.000 ECU	1995	5,200	European Training Foundation				X

LISTA GRANTURILOR/CONTRACTELOR DE CERCETARE-DEZVOLTARE-INOVARE

A2.4.1.2 Contracte de cercetare-dezvoltare-inovare, cu valoare mai mare de 10.000 €, cu operatori economici sau instituții din țară sau din străinătate

Nr. Crt	Echipa de cercetare (Director și cercetători)	Denumirea contractului	Nr. Contract	Anul	Valoare anuală contract RON (în țară)	Valoare anuală contract EURO (în străinătate)	Beneficiar	Poziția în echipă	
								Director	Membru în echipa de cercetare
1	Caleanu Catalin, Simion Georgiana	Generic Central Display	13/24.02.2012	2013	1,398	7,557	Continental Automotive	x	
2	Caleanu Catalin, Simion Georgiana	Generic Central Display	13/24.02.2012	2012	32,491	325	Continental Automotive	x	

LISTA GRANTURILOR/CONTRACTELOR DE CERCETARE-DEZVOLTARE-INOVARIE
A2.4.1.2 si 2.4.2.2 Granturi de cercetare-dezvoltare-inovare obtinute prin competitie la nivel national

Nr. Crt	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Programul	Nr. Grant	Anul	Valoare anuală grant RON	Poziția în cadrul echipei de cercetare		
							Coordonator proiect național	Director proiect partener UPT	Membru în echipa de cercetare
1	Caleanu Catalin, V. Tiponut, V. Gui, R. Misu , D. Ianchis, Z. Haraszky	Noi metode de analiză și recunoaștere a expresiei faciale	PN II, IDEI, Proiecte de cercetare exploratorie	Nr. Contract 599/ 19.01.2009	2011	175,000	X		
2	V. Gui, F. Alexa, Caleanu Catalin, C. David, G. Popa, G. Simion	MODELAREA STATISTICĂ ȘI SEMANTICĂ ÎN ANALIZA SECVENȚELOR DE IMAGINI	PN II, IDEI, Proiecte de cercetare exploratorie, cod 931/2008	651/19.01.2009	2011	167,831			X
3	Nanu Sorin, LIE IOAN, Ana Dan, Stoicu-Tivadar Lacramioara, Stoicu-Tivadar Vasile, Popescu Dorina, Vasar Cristian, Berian Dorin, Voisan Emil, Boraci Radu, Silea Ioan, Todinca Doru, Chiciudean Dan, Filip Aurel, Caleanu Catalin, Andreiciuc Dan, Popovici Adrian, Janos Gal, Vartosu Adrian	Parteneriat national pentru implementarea proiectelor firme-facultăți în vederea tranziției de la școală la viața activă (PACT)	FONDUL SOCIAL EUROPEAN Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Axă prioritară 2; Domeniul major de intervenție 2.1	POSDRU/7/2.1/S/3	2011	134,955			X
4	Nanu Sorin, LIE IOAN, Ana Dan, Stoicu-Tivadar Lacramioara, Stoicu-Tivadar Vasile, Popescu Dorina, Vasar Cristian, Berian Dorin, Voisan Emil, Boraci Radu, Silea Ioan, Todinca Doru, Chiciudean Dan, Filip Aurel, Caleanu Catalin, Andreiciuc Dan, Popovici Adrian, Janos Gal, Vartosu Adrian	Parteneriat national pentru implementarea proiectelor firme-facultăți în vederea tranziției de la școală la viața activă (PACT)	FONDUL SOCIAL EUROPEAN Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Axă prioritară 2; Domeniul major de intervenție 2.1	POSDRU/7/2.1/S/3	2010	95,538			X
5	Caleanu Catalin, V. Tiponut, V. Gui, V. Maranescu, D. Ianchis, Z. Haraszky	Noi metode de analiză și recunoaștere a expresiei faciale	PN II, IDEI, Proiecte de cercetare exploratorie	Nr. Contract 599/ 19.01.2009	2010	0	X		X
6	Caleanu Catalin, R. Vasiu, V. Tiponut, V. Gui, F. Alexa, C. Botoca, D. Ianchis, Z. Haraszky, R. Mirsu	Research on Emotional Facial Expression recognition in Complicated Environment	Program: PN II, CAPACITATI, Modul III, proiecte de cercetare bilaterale, România-China, 39-5 din 2008	Nr. Contract: 222/15.04.2009	2,010	18,755	X		
7	V. Gui, F. Alexa, Caleanu Catalin, C. David, G. Popa, G. Simion	MODELAREA STATISTICĂ ȘI SEMANTICĂ ÎN ANALIZA SECVENȚELOR DE IMAGINI	PN II, IDEI, Proiecte de cercetare exploratorie, cod 931/2008	651/19.01.2009	2010	150,000			X

LISTA GRANTURILOR/CONTRACTELOR DE CERCETARE-DEZVOLTARE-INOVARIE
A2.4.1.2 si 2.4.2.2 Granturi de cercetare-dezvoltare-inovare obtinute prin competitie la nivel national

Nr. Crt	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Programul	Nr. Grant	Anul	Valoare anuală grant RON	Poziția în cadrul echipei de cercetare		
							Coordonator proiect național	Director proiect partener UPT	Membru în echipa de cercetare
8	Caleanu Catalin, R. Vasiu, V. Tiponut, V. Gui, F. Alexa, C. Botoca, D. Ianchis, Z. Harasz, R. Mirsu	Research on Emotional Facial Expression recognition in Complicated Environment	Program: PN II, CAPACITATI, Modul III, proiecte de cercetare bilaterale, România-China, 39-5 din 2008	Nr. Contract: 222/15.04.2009	2,009	10,549	X		
9	Caleanu Catalin, V. Tiponut, V. Gui, V. Maranescu, D. Ianchis, Z. Harasz	Noi metode de analiză și recunoaștere a expresiei faciale	PN II, IDEI, Proiecte de cercetare exploratorie	Nr. Contract 599/ 19.01.2009	2009	102,416	X		
10	V. Gui, F. Alexa, Caleanu Catalin, C. David, G. Popa, G. Simion	MODELAREA STATISTICĂ ȘI SEMANTICĂ ÎN ANALIZA SECVENȚELOR DE IMAGINI	PN II, IDEI, Proiecte de cercetare exploratorie, cod 931/2008	651/19.01.2009	2009	89,286			X
11	A. Gontean, M. Babaita, Caleanu Catalin, B. Dragoi, D. Isar, I. Jivet, L. Jurca, I. Lie, R. Pazsitka, S. Mischie, A. Popovici, M. Rangu, V. Tiponut, M. Otesteanu, R. Vasiu	ICER-TM Institut de cercetari pentru energii regenerabile (partea de contracte Impact ID393 NOPCA si ID1169 LABDICA V incluse in acest proiect)	MEDCt	ID 129 / 14.03.2008	2008	1,841,350			X
12	F. Alexa, V. Gui, Caleanu Catalin	ESTIMAREA TRAIECTORIEI OBIECTELOR ÎN VIDEOSECVENTE	CNCSIS MeDc, tip A, cod 600	Contract nr. GR76/14.05.2007	2007	16,000			x
13	F. Alexa, V. Gui, Caleanu Catalin	ESTIMAREA TRAIECTORIEI OBIECTELOR ÎN VIDEOSECVENTE	CNCSIS MeDc, tip A, cod 600	Contract nr. GR181/19.06.2006	2006	16,000			x
14	Caleanu Catalin, Adrian Avram, V. Maranescu, R. Caciora, A. Harea	IMPLEMENTARE C SHARP/DOT NET PENTRU UN SISTEM NEURONAL DE RECUNOAȘTERE ȘI DETECȚIE FACIALĂ	Grant CNCSIS AT MeDc, AT41	2739/19.05.2006	2006	20,000	X		
15	Caleanu Catalin, M. Mocofan, V. Maranescu, R. Caciora, A. Harea	SISTEM DE DETECȚIE SI RECUNOAȘTERE FACIALA BAZAT PE TEHNICI ALE INTELIGENȚEI ARTIFICIALE	Grant CNCSIS AT MeDc, AT69	Contractul nr. 27688/14.03.2005.	2005	10,000	X		
16	F. Alexa, V. Gui, Caleanu Catalin	ESTIMAREA TRAIECTORIEI OBIECTELOR ÎN VIDEOSECVENTE	CNCSIS MeDc, tip A, cod 600	Contract nr. GR181/19.06.2005	2005	11,000			x
17	Caleanu Catalin, R. Caciora, A. Harea	NAVIGATIA ROBOTILOR MOBILI AUTONOMI PRIN REPREZENTAREA SIMBOLICA A MEDIULUI INCONJURATOR.	Grant CNCSIS AT MeDc	Contract nr. 27688/14.03.2005	2004	6,500	X		
18	Caleanu Catalin, M. Dragos, A. Popa, V. Negrut	NUCLEU UNIVERSAL DE PREDICȚIE BAZAT PE TEHNICI ALE INTELIGENȚEI ARTIFICIALE	Programul Academiei Romane privind granturile pe anul 2003	Contract nr. 173/2003	2003	3,500	X		

4.3.1 Listă citări ISI

Roșu = Rev ISI = 21

Mov = Proc ISI = 3

TOTAL = 24

OBS: Ordine cronologică descrescătoare

Nr.crt.	Anul citării	Luna citării	Autor(i)	Titlul lucrării citate	Revista / volumul in care a fost publicata lucrarea, inclusiv an	ISSN / ISBN	Revista / volumul in care a fost citata lucrarea (nume, volum, pag.)	ISSN / ISBN
1	2014	01	C.-D. Căleanu, X. Mao, G. Pradel, S. Moga, Y. Xue	Combined pattern search optimization of feature extraction and classification parameters in facial recognition	Pattern Recognition Letters, Volume 32, Issue 9, 1 July 2011, Pages 1250-1255, DOI: http://dx.doi.org/10.1016/j.patrec.2011.03.019 .	ISSN 0167-8655	Shi B., Chi G., A Model for Recognizing Key Factors and Applications Thereof to Engineering MATHEMATICAL PROBLEMS IN ENGINEERING, http://dx.doi.org/10.1155/2014/862132	1024-123X
2	2014	07	G. Simion., Căleanu C.-D.	Sparse feature for hand gesture recognition: A comparative study	36th International Conference on Telecommunications and Signal Processing, TSP 2013, , art. no. 6614061 , pp. 858-861.	ISBN: 978-147990404-4	Huang, C.-M., Chen, Y.-R., Fu, L.-C., Visual tracking of human head and arms using adaptive multiple importance sampling on a single camera in cluttered environments, IEEE Sensors Journal 14 (7), 6755503, pp. 2267-2275	ISSN:1530-437X
3	2014	08	Lie, I. Tiponut, V., Bogdanov, I., Ionel, S. Căleanu, C.D.	Automated Meter Reading System for Heat Costs Allocation	WSEAS Transactions on Circuits and Systems, Issue 2, Volume 8, pag. 177-186, February 2009.	ISSN 1109-2734	Wojciech Bober, Chris J. Bleakley, BailighPulse: A low duty cycle data gathering protocol for mostly-off Wireless Sensor Networks, Computer Networks: The International Journal of Computer and Telecommunications Networking archive Volume 69, August, 2014, Pages 51-65 Elsevier North-Holland, Inc. New York, NY, USA doi>10.1016/j.comnet.2014.04.018	ISSN: 1389-1286
4	2013	02	Mîrsu, R; Micut, S; C. D. Căleanu; Mîrsu, DB	Optimized Simulation Framework for Spiking Neural Networks using GPU's	ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 12 Issue: 2 Pages: 61-68 DOI: 10.4316/AECE.2012.02011 Published: 2012	1582-7445	Fulginei, FR; Laudani, A; Salvini; Parodi, M Automatic and Parallel Optimized Learning for Neural Networks performing MIMO Applications Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 13 Issue: 1 Pages: 3-12 DOI: 10.4316/AECE.2013.01001	1582-7445
5	2013	01	Xue, YL ; Mao, X; Căleanu, CD; Lv, SW	Layered Fuzzy Facial Expression Generation of Virtual Agent	Source: CHINESE JOURNAL OF ELECTRONICS Volume: 19 Issue: 1 Pages: 69-74 Published: JAN 2010	ISSN: 1022-4653	Finding Emotional Focus for Emotion Recognition at Sentence Level Author(s): Quan, CQ (Quan Changqin)[1] ; Ren, FJ (Ren Fujij)[2] Source: CHINESE JOURNAL OF ELECTRONICS Volume: 22 Issue: 1 Pages: 99-103 Published: JAN 2013	1022-4653
6	2013	06	C.D. Căleanu, Huang, D.S., Gui, V., Tiponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	A k-nearest-neighbor classifier with heart rate variability feature-based transformation algorithm for driving stress recognition Author(s): Wang, JS (Wang, Jeen-Shing)[1] ; Lin, CW (Lin, Che-Wei)[1] ; Yang, YTC (Yang, Ya-Ting C.)[2,3] Source: NEUROCOMPUTING Volume: 116 Special Issue: SI Pages: 136-143 DOI: 10.1016/j.neucom.2011.10.047 Published: SEP 20 2013	0925-2312

15	2011	06	C.D. Căleanu, Huang, D.S., Gui, V., Tîponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	Wei Zheng; Yan Zhang; , "A novel improvement to PCA for image classification," <i>Computer Science and Service System (CSSS), 2011 International Conference on</i> , vol., no., pp.1964-1967, 27-29 June 2011 doi: 10.1109/CSSS.2011.5974878 URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5974878&isnumber=5972016	Print ISBN: 978-1-4244-9762-1
16	2010	11	Gui, V., Alexa, F., Căleanu, C., Fuiorea, D	Motion segmentation and analysis in video sequences	WSEAS Transactions on Circuits and Systems, 6 (1), pp. 142-148, 2007	ISSN 1109-2734	Jung, S., Song, J.-G., Hwang, D.-J., Ahn, J.Y., Kim, S. A study on software-based sensing technology for multiple object control in AR video (2010) <i>Sensors (Switzerland)</i> , 10 (11), pp. 9857-9871. DOI: 10.3390/s101109857	ISSN: 14248220
17	2010	12	C.D. Căleanu, Huang, D.S., Gui, V., Tîponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	Li, W., Mao, K.Z., Zhang, H., Chai, T., Designing Compact Gabor Filter Banks for Efficient Texture Feature Extraction, 11TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION, ROBOTICS AND VISION (ICARCV 2010), Pages: 1193-1197, Conference Date: DEC 07-10, 2010 Conference Location: Singapore	ISBN: 978-1-4244-7813-2
18	2010	09	C.D. Căleanu, Huang, D.S., Gui, V., Tîponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	Li, W., Mao, K.Z., Zhang, H., Chai, T., Selection of gabor filters for improved texture feature extraction, Proceedings - International Conference on Image Processing, ICIP , art. no. 5653278, pp. 361-364, DOI: http://dx.doi.org/10.1109/ICIP.2010.5653278 , Conference Location: Hong Kong, PEOPLES R CHINA	ISSN: 1522-4880 E-ISBN: 978-1-4244-7993-1 Print ISBN: 978-1-4244-7992-4
19	2009	08	C.D. Căleanu	Facial recognition using committee of neural networks	Proceedings of the fifth seminar on neural network applications in electrical engineering, NEUREL, Belgrade, Yugoslavia (pp. 97-100), 2000.	ISBN 0-7803-5512-1	Yong Xu, Lu Yaa, David Zhang, Jing-Yu Yang, Improving the interest operator for face recognition, <i>Expert Systems with Applications</i> , Volume 36 , Issue 6 pages: 9719-9728, DOI: 10.1016/j.eswa.2009.02.032, SRI 1.00	ISSN:0957-4174
20	2009	08	C.D. Căleanu	Face recognition using parallel neural processing and interest operator method	Ph.D. Thesis. University POLITEHNICA, Timisoara, 2001	-	Yong Xu, Lu Yaa, David Zhang, Jing-Yu Yang, Improving the interest operator for face recognition, <i>Expert Systems with Applications</i> , Volume 36 , Issue 6 pages: 9719-9728	ISSN:0957-4174
21	2009	08	C.D. Căleanu, Huang, D.S., Gui, V., Tîponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	Yong Xu, Lu Yaa, David Zhang, Jing-Yu Yang, Improving the interest operator for face recognition, <i>Expert Systems with Applications</i> , Volume 36 , Issue 6 pages: 9719-9728	ISSN:0957-4174

22	2008	10	C.D. Căleanu	Face recognition using parallel neural processing and interest operator method	Ph.D. Thesis. University POLITEHNICA, Timisoara, 2001	-	Zhao, T., Liang, Z., Zhang, D., Zou, Q., Interest filter vs. interest operator: Face recognition using Fisher linear discriminant based on interest filter representation, Pattern Recognition Letters 29 (13), pp. 1849-1857, 2008, DOI: 10.1016/j.patrec.2008.05.023	ISSN: 0167-8655
23	2008	10	C.D. Căleanu, Huang, D.S., Gui, V., Tîponut, V., Maranescu, V.	Interest operator vs. Gabor filtering for facial imagery classification	Pattern Recognition Letters, 28 (8), pp. 950-956, 2007	ISSN: 0167-8655	Zhao, T., Liang, Z., Zhang, D., Zou, Q., Interest filter vs. interest operator: Face recognition using Fisher linear discriminant based on interest filter representation, Pattern Recognition Letters 29 (13), pp. 1849-1857, 2008, DOI: 10.1016/j.patrec.2008.05.023	ISSN: 0167-8655
24	2004	09	C.D. Căleanu	Facial recognition using committee of neural networks	Proceedings of the fifth seminar on neural network applications in electrical engineering, NEUREL, Belgrade, Yugoslavia (pp. 97-100).	ISBN 0-7803-5512-1	Z.-Q. Zhao, D.-S. Huang, B.-Y. Sun, Human face recognition based on multi-features using neural networks committee, Pattern Recognition Letters, Volume 25, Issue 12, 1 September 2004, Pages 1351-1358.	ISSN: 0167-8655

Căleanu Cătălin Daniel

14.07.2014

4.3.2 Listă citări BDI

Albastru = Rev BDI = 15

Verde = Proc BDI = 11

TOTAL = 26

Nr.crt.	Anul citării	Luna citării	Autor(i)	Titlul lucrării citate	Revista / volumul in care a fost publicata lucrarea, inclusiv an	ISSN / ISBN	Revista / volumul in care a fost citata lucrarea (nume, volum, pag.)	ISSN / ISBN
1	2014	01	C.-D. Căleanu, X. Mao, G. Pradel, S. Moga, Y. Xue	Combined pattern search optimization of feature extraction and classification parameters in facial recognition	Pattern Recognition Letters, Volume 32, Issue 9, 1 July 2011, Pages 1250-1255, DOI: http://dx.doi.org/10.1016/j.patrec.2011.03.019 .	ISSN 0167-8655	Keshavarzi, B., Jamshidi, S., Salehi, S. Simultaneous calculation of pore size distribution, capillary pressure, and relative permeability from injection-fall off-production test data (2014) Special Topics and Reviews in Porous Media, 5 (1), pp. 41-51. DOI: 10.1615/SpecialTopicsRevPorousMedia.v5.i1.40	ISSN: 2151562X
2	2014	02	Mirsu, R; Micut, S; C. D. Căleanu; Mirsu, DB	Optimized Simulation Framework for Spiking Neural Networks using GPU's	ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 12 Issue: 2 Pages: 61-68 DOI: 10.4316/AECE.2012.02011 Published: 2012	1582-7445	Carlson, K.D., Nageswaran, J.M., Dutt, N., Krichmar, J.L. An efficient automated parameter tuning framework for spiking neural networks (2014) Frontiers in Neuroscience, (8 FEB), art. no. 10, DOI: 10.3389/fnins.2014.00010	ISSN: 1662453X
3	2013	03	V. Gui, C. D. Căleanu	On the Effectiveness of Multiscale Mode Filters in Edge Preserving Image Filtering	Recent Advances in Systems, Proceedings of the 13th WSEAS International Conference on SYSTEMS, WSEAS International Conferences, Rodos, Greece, pag. 190-195, July 22-25, 2009.	ISSN 1790-2769, ISBN 978-960-474-097-0,	Suhaila, S., Hazli, R., Shimamura, T. Smooth region's mean deviation-based denoising method (2013) International Journal of Circuits, Systems and Signal Processing, 7 (3), pp. 191-198.	ISSN: 19984464
4	2013	07	Tiponut, V., Gavrilut, I., C. D. Căleanu., Gacsadi, A	Development of a neural network guided mobile robot collectivity	WSEAS Transactions on Circuits and Systems Volume 5, Issue 6, June 2006, Pages 805-812	ISSN: 11092734	Akter, S., Lee, D.-J., Lim, S.T., Chong, K.T. Grid based path planning using CNN & artificial potential field method (2013) Applied Mechanics and Materials, 392, pp. 830-836.	ISSN:1660-9336
5	2013	03	C.D. Căleanu	Facial recognition using committee of neural networks	Proceedings of the fifth seminar on neural network applications in electrical engineering, NEUREL, Belgrade, Yugoslavia (pp. 97-100), 2000	ISBN 0-7803-5512-1	Fatahi, S.; Zadkosh, E.; Chalechale, A. "Face recognition with Linear Discriminant Analysis and neural networks", Pattern Recognition and Image Analysis (PRIA), 2013 First Iranian Conference on, On page(s): 1 - 4, 2013 DOI: 10.1109/PRIA.2013.6528431	ISBN: 978-1-4673-6204-7
6	2012	07	C.-D. Căleanu, X. Mao, G. Pradel, S. Moga, Y. Xue	Combined pattern search optimization of feature extraction and classification parameters in facial recognition	Pattern Recognition Letters, Volume 32, Issue 9, 1 July 2011, Pages 1250-1255, DOI: http://dx.doi.org/10.1016/j.patrec.2011.03.019 .	ISSN 0167-8655	Carneiro, L.N.V., Cámara-Chávez, G., Logarithm discrete cosine transform domain and discrimination power analysis for illumination invariant face recognition, Source of the Document Proceedings of the 2012 International Conference on Image Processing, Computer Vision, and Pattern Recognition, IPCV 2012 2, pp. 554-560	ISBN: 978-160132225-8
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8	2011	06	V. Gui, C. D. Căleanu	On the Effectiveness of Multiscale Mode Filters in Edge Preserving Image Filtering	Recent Advances in Systems, Proceedings of the 13th WSEAS International Conference on SYSTEMS, WSEAS International Conferences, Rodos, Greece, pag. 190-195, July 22-25, 2009.	ISSN 1790-2769, ISBN 978-960-474-097-0,	Suhaila, S., Shimamura, T. Image restoration based on edgemap and Wiener filter for preserving fine details and edges (2011) International Journal of Circuits, Systems and Signal Processing, 5 (6), pp. 618-626	ISSN: 19984464
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4.3.3. Lista profesor invitat, Membru in colectivele de redactie sau comitete de organizare/știintifice, premii

4.3.3.1 Profesor invitat

1. Universitatea de aeronautică și astronautică „Beihang”, Beijing, China, 2010.
2. École Nationale Supérieure des Télécomm. (ENST) de Bretagne, Franța, 2006.

4.3.3.2 Membru in colectivele de redactie sau comitete de organizare/știintifice

- **Recenzor reviste ISI**

1. Pattern Recognition Letters, Elsevier, The Neatherlands.
2. The Institution of Electronics and Telecommunication Engineers Technical Review, India
3. ETRI Journal, Electronics and Telecommunications Research Institute, South Korea.
4. Digital Signal Processing, SUA.

- **Membru in colectivele de redactie sau comitete de organizare**

- 1...4. „International Symposium on Electronics and Telecommunications” IsETc 2008, 2010, 2012, 2014 Timișoara, România (ISI Proceedings din 2012).
5. „The 7th WSEAS International Conference on APPLIED COMPUTER SCIENCE” (ACS'07), Veneția, Italia, Noiembrie 21-23, 2007.
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- **Editor**

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4.3.3.3 Premii

1. Premiul UEFISCSU „Premierea Rezultatelor Cercetării Tip Articol”, PN-II-RU-PRECISI, 2011.
2. Premiul UEFISCSU „Premierea Rezultatelor în Cercetare Tip Articol”, PN-II-RU-PREC-ISI, 2007.