

## UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE  
PREZENTARE LA CONCURS [ABILITARE]

CANDIDAT LORETTA ICHIM

Concurs abilitare, Departamentul de Automatică și Informatică Industrială, Facultatea de Automatică și Calculatoare

Condiții	Îndeplinire condiții	
<b>A. Doctor</b>	Diplomă de Doctor, în domeniul Automatică, Seria E, Nr. 0001341 din 10.05.2006 emisă de Universitatea Politehnica din București	
<b>B. Îndeplinirea standardelor minime naționale conform OMECTS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]</b>	Standarde îndeplinite, conform Comisiei CNATDCU Nr. 15, COMISIA CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR  Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
<b>Condiții minime [Punctaj]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A1. Activitatea didactică / profesională	100	110.71
A2. Activitatea de cercetare	600	1,043.50
A3. Recunoașterea și impactul activității	150	349.55
<b>TOTAL (A)</b>	<b>850</b>	<b>1,503.76</b>
<b>Condiții minime obligatorii pe subcategorii [Număr]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A.1.1.1 – A1.1.2 Cărți de specialitate	1	3
A.2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	15 din care minim 3 în reviste cotate ISI Q1 sau Q2	66 din care 4 în Q1 sau Q2
A.2.4.1 Granturi/proiecte castigate prin competitie (Director/responsabil partener)	2	4
A.3.1.1 – A3.1.2. Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS) <sup>1</sup>	25	50
Factor de impact cumulativ pentru publicații	10	29.01
C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale	<b>Diploma de Licență</b> , în domeniul Științe Inginerești/Ingineria Sistemelor, Seria P, Nr. 0095939 din 31.10.1997 emisă de Universitatea Politehnica din București	
<b>C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale</b>	<b>Alte Diplome:</b> Diplomă de Master în domeniul Ingineria Sistemelor, Nr. 1807, din 06.07.2016 emisă de Universitatea Politehnica din București  <b>Alte Certificate:</b> certificat de atestare a modulului pedagogic, Seria B, Nr. 089052 din 19.02.1998 emisă de Universitatea Politehnica din București  <b>Alte Acte de atestare a studiilor/realizărilor profesionale:</b>  - Act de atestare a studiilor postdoctorale: adeverință Nr. 1600 din 10.12.2015 emisă de Universitatea Politehnica din București	

Subsemnatul/subsemnata Loretta ICHIM, candidat la concursul de abilitare, Departamentul de AUTOMATICĂ ȘI INFORMATICĂ INDUSTRIALĂ, Facultatea de AUTOMATICĂ ȘI CALCULATOARE din Domeniul de Studii Univ. INGINERIA SISTEMELOR, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr. 15, CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta dată.

Candidat, Loretta ICHIM

Data

(semnatura)

4.04.2019

**IN CONTINUARE: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate**

**Domeniul Fundamental: STIINTE INGINERESTI**

**Domeniul de Studii Universitare: CALCULATOARE si TEHNOLOGIA INFORMATIEI**

**Comisia CNATDCU [nr/denumire]: 15. CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR**

## **UNIVERSITATEA POLITEHNICA BUCURESTI**

### **FISA DE EVALUARE A ACTIVITATII CANDIDATULUI**

**Grad Didactic, Prenume Nume:** conf., Loretta ICHIM

FACULTATEA DE AUTOMATICA SI CALCULATOARE, UNIVERSITATEA *POLITEHNICA* DIN BUCURESTI

#### **Punctaje conditii minimale (A)**

<b>Nr.</b>	<b>Domeniul de activitate</b>	<b>Realizat</b>
A1	Activitatea didactica / profesionala (A1)	110,71
A2	Activitatea de cercetare (A2)	1.043,50
A3	Recunoasterea impactului activitatii (A3)	349,55
<b>TOTAL (A)</b>		<b>1.503,76</b>

#### **Punctaje conditii minimale obligatorii pe subcategorii**

<b>Nr.</b>	<b>Domeniul de activitate</b>	<b>Realizat</b>
A1.1.1- A1.1.2	Carti de specialitate	3
A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	66
A2.1	Articole ISI Q1 sau Q2	4
A2.4.1	Granturi / proiecte castigate prin competitie (Director / responsabil)	4
A3.1.1- A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI	50
	Factor de impact cumulat pentru publicatii	29,01

**STRUCTURA ACTIVITATII CANDIDATULUI**

<b>A1</b>	<b>Activitatea didactica si pedagogica (A1)</b>	<b>110,708</b>
-----------	---	----------------

<b>A1.1.1 Carti si capitole in carti de specialitate in edituri internationale recunoscute [50p sau 100p/nr. autori] *1/4</b>		
1	Popescu D., <b>Ichim L.</b> , Fratila R., Gornea D., chapter: Image based Control of a Simple Mobile Robotic System, book title: Recent Advances in Systems Safety and Security, Studies in Systems, Decision and Control (Eds. Pricop E., Stamatescu G.) , vol. 62, 2016, pp. 117-137, ISBN: 978-3-319-32523-1, ISSN 2198-4182, Springer International Publishing, DOI: 10.1007/978-3-319-32525-5_7 <a href="https://www.worldcat.org/search?qt=worldcat_org_all&amp;q=Recent+Advances+in+Syst+ems+Safety+and+Security">https://www.worldcat.org/search?qt=worldcat_org_all&amp;q=Recent+Advances+in+Syst+ems+Safety+and+Security</a>	6,25
<b>Total (A1.1.1)</b>		<b>6,25</b>

<b>A1.1.2 Carti si capitole in carti de specialitate in edituri nationale recunoscute [50p/nr autori]</b>		
1	<b>Ichim L.</b> , Fractalii și Difuzia Luminii - Teorie, Aplicații, 144pag., Ed. Printech, București, 2006, ISBN: 973-718-636-2, ISBN: 978-973-718-636-2. Cod CNCSIS 54	50
2	Popescu D, Stamatescu G., Struțu M.-I., Măciucă A.-M., <b>Ichim L.</b> , Aplicații ale Rețelelor de Senzori Multinivel în Monitorizarea Ambientală, Ed. Politehnica Press, București, 2014, 213 pag., ISBN: 978-606-515-503-9. Cod CNCSIS 19	10
3	Dobrescu R., <b>Ichim L.</b> , capitolul: Rețele Scale-free în Modelarea Sistemelor Complexe in cartea: Modelarea Complexității (Eds: Dobrescu R., Iordache D.A.), Ed. Politehnica Press, București, 2007 pag. 404–424, ISBN: 978-973-7838-43-8. Cod CNCSIS 19	6,125
4	<b>Ichim L.</b> , Popescu D., Prelucrarea Imaginilor. Aplicații în Medicină, Ed. Politehnica Press, București, 2018, 140pag., ISBN: 978-606-515-829-0. Cod CNCSIS 19	25
<b>Total (A1.1.2)</b>		<b>91,125</b>

<b>A1.2.1 Material didactic / Lucrari didactice [40p/nr autori]</b>		
3	<b>Ichim L.</b> , Popescu D, Dobrescu, R., Tehnici Fractale in Aplicatii Multimedia, Ed. Politehnica Press, București, 2016, ISBN: 978-606-515-702-6, 100pag. Cod CNCSIS 19	13,333
<b>Total (A1.2.1)</b>		<b>13,333</b>

A2	Activitatea de cercetare (A2)	1043,50
----	-------------------------------	---------

A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [(25+30*factor impact)/nr.autori]	Factor Impact	Puntaj
<b>Jurnale cu factor de impact ISI</b>			
1	Popescu D., <b>Ichim L.</b> , Stoican F., Unmanned aerial vehicle systems for remote estimation of flooded areas based on complex image processing, Sensors, 17(3), 446, 24 pag., 2017, ISSN: 1424-8220, DOI:10.3390/s17030446 WOS: 000398818700019, Q1 - INSTRUMENTS & INSTRUMENTATION (publicat martie 2017/ JCR 2016), FI = 2.667 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1</a>	2,667	35,00
2	Popescu D., <b>Ichim L.</b> , Intelligent image processing system for detection and segmentation of regions of interest in retinal images, Symmetry-Basel, 25 pag., 10(3), 73, 2018; ISSN: 2073-8994, DOI:10.3390/sym10030073 WOS:000428515300022, Q2 - MULTIDISCIPLINARY SCIENCES (publicat martie 2018 / JCR 2017); FI = 1.256 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1</a>	1,256	31,34
3	Caramihale T, Popescu D., <b>Ichim L.</b> , Emotion classification using a tensorflow generative adversarial network implementation, Symmetry-Basel, 19 pag., 10(9), 414, 2018; ISSN: 2073-8994, DOI:10.3390/sym10090414 WOS:000447336700060, Q2 - MULTIDISCIPLINARY SCIENCES (publicat septembrie 2018 JCR 2017); FI = 1.256 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1</a>	1,256	20,89
4	Popescu D., Dragana C., Stoican F., <b>Ichim L.</b> , Stamatescu G., A collaborative UAV-WSN network for monitoring large areas, Sensors, 18(12), 4202, 25 pag., 2018, ISSN: 1424-8220, DOI: 10.3390/s18124202, WOS: 000454817100121, Q2-INSTRUMENTS & INSTRUMENTATION ( publicat decembrie 2018 / JCR 2017), FI = 2.475 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=F3Kj656gRt3BD1SvSfI&amp;page=1&amp;doc=1</a>	2,475	19,85
5	Chenaru O., Popescu D., Enache D., <b>Ichim L.</b> , Fault-tolerant control system implementation based on parameter analysis, Studies in Informatics and Control, vol. 25, no. 2, pp. 227-237, 2016, ISSN: 1220-1766; WOS:000378101300010; (publicat iunie 2016 /JCR 2017), FI = 1.020 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=8&amp;SID=F401TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=8&amp;SID=F401TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1</a>	1,020	13,90

6	Marcu R., Danila I., Popescu D., Chenaru O., <b>Ichim L.</b> , Message queuing model for a healthcare hybrid cloud computing platform, Studies in Informatics and Control, vol. 26, no. 1, pp. 95-104, 2017, ISSN: 1220-1766; WOS:000400630300011; (publicat martie 2017/ JCR 2017), FI = 1.020 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=17&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=17&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1</a>	1,020	11,12
7	Popescu D., Stoican F., <b>Ichim L.</b> , Control and optimization of UAV trajectory for aerial coverage in photogrammetry applications, Advances in Electrical and Computer Engineering, vol. 16, no. 3, pp. 99-106, 2016, DOI: 10.4316/AECE.2016.03014, ISSN: 1582-7445, e-ISSN: 1844-7600; WOS:000384750000014; (publicat septembrie 2016 / JCR 2017), FI = 0.699 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1</a>	0,699	15,32
8	Oltean V. E., Dobrescu R., <b>Ichim L.</b> , On modelling and control of a class of tumour growth processes, Revue Roumaine des Sciences Techniques, Série Électrotechnique et Énergétique, pp. 109–118, vol. 56, no. 1, 2011, ISSN: 0035-4066; WOS:000289219900011; (publicat ianuarie-martie 2011 / JCR 2017), FI = 1.114 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=26&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=26&amp;SID=F4O1TjzJX6Qi1WKMJBY&amp;page=1&amp;doc=1</a>	1,114	19,47
<b>Articole in volumele unor manifestari stiintifice indexate ISI proceedings</b>			
9	Popescu D., <b>Ichim L.</b> , Caramihale T., Texture based method for automated detection, localization and evaluation of the exudates in retinal images, 22nd International Conference on Neural Information Processing (ICONIP 2015), 9-12 November, Istanbul, Turkey, S. Arik et al. (Eds.): ICONIP 2015, Part IV, LNCS 9492, pp. 463–472, 2015, ISBN: 978-3-319-26560-5 (conform CORE2018 <a href="http://portal.core.edu.au/conf-ranks">http://portal.core.edu.au/conf-ranks</a> ); WOS: 000373889900055; conf. A <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,750	15,83
10	<b>Ichim L.</b> , Oltean V. E., Dobrescu R., Fractal evaluation of a discrete model for simulation of avascular tumor growth, Book: New Aspects of Automatic Control, Modelling and Simulation, Proceedings of the 10th International Conference on Automatic Control, Modelling & Simulation (ACMOS'08), Istanbul, Turkey, May 27-30, 2008, pp. 90–95, ISBN: 979-960-6766-63-3, ISSN: 1790-5117; WOS:000258072400019 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=5&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=5&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	10,83

11	Dobrescu R., <b>Ichim L.</b> , Two dimensional modeling and fractal characterization of tumor vascular network, Bioinformatics, Systems Biology and Intelligent Computing, 2009, IJCBS '09. International Joint Conference on Bioinformatics, Systems Biology and Intelligent Computing, 3-5 Aug. 2009, pp. 483–486, Shanghai, China, ISBN: 978-0-7695-3739-9; WOS:000282797800085 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	16,25
12	<b>Ichim L.</b> , Dobrescu R., Characterization of tumor angiogenesis using fractal measures, 19th International Conference on Control Systems and Computer Science - CSCS 19, pp. 345–349, 2013, ISBN: 978-1-4673-6140-8; WOS:000328493800052 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=13&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=13&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	16,25
13	Dobrescu R., <b>Ichim L.</b> , Mocanu Șt., Popa Șt., A fractal model for simulation of biological growth processes, Book: Mathematics and Computers in Biology and Chemistry, Proceedings of the 9th WSEAS International Conference on Mathematics & Computers in Biology & Chemistry (MCBC'08), Bucharest, Romania, June 24-26, 2008, pp. 88–93, ISSN: 1790-5125, ISBN: 978-960-6766-75-6; WOS:000258094800020 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=17&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=17&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	8,13
14	Popescu D., <b>Ichim L.</b> , Caramihale, T., Computer — Aided localization of the optic disc based on textural features, 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2015), pp. 307–312, 2015, ISBN: 978-1-4799-7514-3; WOS:000368159800057 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	10,83
15	Danila I., Dobrescu R., Popescu D., Marcu R., <b>Ichim L.</b> , M2M service platforms and device management, 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2015), pp. 67–72, 2015, ISBN: 978-1-4799-7514-3; WOS:000368159800013 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=25&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=25&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	6,50
16	Popescu D., <b>Ichim L.</b> , Image recognition in UAV application based on texture analysis, S. Battiato et al. (Eds.): ACIVS 2015, Advanced Concepts for Intelligent Vision Systems, 26-29 October, Catania, Italy, LNCS 9386, pp. 693-704, 2015, ISBN: 978-3-319-25903-1; DOI: 10.1007/978-3-319-25903-1_60, WOS: 000374794500060 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=29&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=29&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a>	0,250	16,25

17	<p>Dobrescu R., <b>Ichim L.</b>, Automatic data acquisition and signal processing in the field of virology, Book: Advances in Mass Data Analysis of Images and Signals in Medicine, Biotechnology, Chemistry and Food Industry, Third International Conference, MDA 2008, LNAI 5108, pp. 52–61, Leipzig, Germany, July 14, 2008, Springer-Verlag, ISSN: 0302-9743, ISBN: 978-3-540-70714-1; WOS:000258397100005  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=33&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=33&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a></p>	0,250	16,25
18	<p><b>Ichim L.</b>, Popescu D., Cirneanu St., Combining blood vessel segmentation and texture analysis to improve optic disc detection, The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015, Iași, Romania, November 19-21, pp. 1-4, 2015, ISBN: 978-1-4673-7544-3; WOS: 000380397900012  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=36&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=36&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a></p>	0,250	10,83
19	<p>Popescu D., <b>Ichim L.</b>, Angelescu N., Ionita M. G., Improving texture based classification of aerial images by fractal features, 20th International Conference on Control Systems and Computer Science (CSCS 20), pp. 578–583, 2015, ISBN: 978-1-4799-1779-2; DOI: 10.1109/CSCS.2015.18, WOS: 000380375200084  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=42&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=42&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a></p>	0,250	8,13
20	<p>Popescu D., <b>Ichim L.</b>, Fratila R., Gornea D., Reconfigurable robotic system based on mono-camera guidance, Proceedings of the International Conference – 6th Edition Electronics ECAI 2014 - Computers and Artificial Intelligence, 23 October - 25 October, 2014, Bucharest, Romania, pp. 63–69, ISBN: 978-1-4799-5478-0; WOS: 000380489500053  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=46&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=46&amp;SID=F1vKb9myYDuecxJTaoM&amp;page=1&amp;doc=1</a></p>	0,250	8,13
21	<p>Jarnea A.D., Dobrescu R., Popescu D., <b>Ichim L.</b>, Advanced driver assistance system for overtaking maneuver on a highway, The 19th International Conference on System Theory, Control and Computing – ICSTCC 2015, 14-16 October 2015, pp. 759-764, Caile Gradistei - Fundata, Romania, ISBN: 978-1-4799-8481-7 DOI: 10.1109/ICSTCC.2015.7321385; WOS: 00382384100126  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	8,13
22	<p>Dobrescu R., <b>Ichim L.</b>, Fractal dimension of Mie scattering spectra for the appraisal of infected HeLa cells in cultures, IEEE 7th International Symposium on Bioinformatics &amp; Bioengineering (IEEE BIBE 2007), Conference Center of Harvard Medical School, Boston, Massachusetts, USA, October 14-17, vol. II, pp. 908–913, 2007, ISBN: 1-4244-1509-8 DOI:10.1109/BIBE.2007.4375667; WOS:000252958200139  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	16,25

23	Popescu D., <b>Ichim L.</b> , Caramihale T., Flood areas detection based on UAV surveillance system, The 19th International Conference on System Theory, Control and Computing – ICSTCC 2015, 14-16 October 2015, pp. 753-758, Căile Grădiștei - Fundata, Romania, ISBN: 978-1-4799-8481-7 DOI:10.1109/ICSTCC.2015.7321384; WOS:000382384100125 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=7&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=7&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
24	<b>Ichim L.</b> , Popescu D., Cirneanu S., Combining LBP and co-occurrence matrix information to accurate recognition of the optic disc in retinal image, 13th International Conference on Development and Application Systems (DAS 2016), May 19-21, Suceava, Romania, pp. 254-259, 2016, ISBN:978-1-5090-1993-9; WOS:000383222200041 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=11&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=11&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
25	<b>Ichim L.</b> , Caramihale T., Popescu D., Intelligent feature selection for regions of interest identification in retinal images, 11th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2016), May 12-14, Timișoara, Romania, pp. 311-315, 2016, ISBN:978-1-5090-2380-6; WOS:000387119900056 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
26	Popescu D., <b>Ichim L.</b> , Caramihale T., Detection of exudates and hemorrhages using an efficient criterion for feature selection, 39th International Conference on Telecommunications and Signal Processing (TSP 2016), 27-29 June, Vienna, Austria, pp. 711-715, 2016, ISBN: 978-1-5090-1288-6, DOI: 10.1109/TSP.2016.7760977; WOS:000390164000156 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=21&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
27	Gornea D., Popescu D., <b>Ichim L.</b> , Remote assessment of flooded areas based on Inter-spectral statistical features, 39th International Conference on Telecommunications and Signal Processing (TSP 2016), 27-29 June, Vienna, Austria, pp. 707-710, 2016, ISBN: 978-1-5090-1288-6, DOI: 10.1109/TSP.2016.7760976; WOS:000390164000155 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=25&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=25&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
28	Popescu D., <b>Ichim L.</b> , Aerial image segmentation by use of textural features, The 20th International Conference on System Theory, Control and Computing – ICSTCC 2016, 13-15 October 2016, Sinaia, Romania, 2016, pp. 721-726, ISBN: 978-1-5090-2720-0/16; WOS: 000391609900122 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=29&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=29&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	16,25



29	Sumalan A.S., Popescu D., <b>Ichim L.</b> , Flooded area detection using UAV images, 24th Telecommunications forum TELFOR 2016 Serbia, Belgrade, November 22-23, pp. 364-367, 2016; WOS: 000393491700086 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=33&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=2">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=33&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=2</a>	0,250	10,83
30	<b>Ichim L.</b> , Popescu, D., Remote image classification based on patch dissimilarity, 24th Mediterranean Conference on Control and Automation (MED), JUN 21-24, 2016, Athens, Greece, ISBN:978-1-4673-8345-5, ISSN: 2325-369X, pp. 1186-1191, 2016; WOS:000391154900196 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1</a>	0,250	16,25
31	Caramihale T., Popescu D., <b>Ichim L.</b> , Detection of regions of interest in retinal images using artificial neural networks and K-means clustering, 22nd International Conference on Applied Electromagnetics and Communications (ICECOM), 19-21 Sept., Dubrovnik, Croatia, pp. 1-6 (6 pag.), 2016, DOI: 10.1109/ICECom.2016.7843911, ISBN: 978-9-5360-3771-1; WOS: 000400382100040 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=36&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=36&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
32	Popescu D., <b>Ichim L.</b> , Gornea D., Complex image processing using correlated color information, Advanced Concepts for Intelligent Vision Systems ACIVS, J. Blanc - Talon et al. (Eds.): ACIVS 2016, Lecce, Italy, 24-27 October, 2016, LNCS 10016, pp. 723-734, DOI: 10.1007/978-3-319-48680-2_63, Print ISBN: 978-3-319-48679-6, Electronic ISBN: 978-3-319-48680-2; WOS:000390177400063 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=39&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=39&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
33	Sumalan A.L., Popescu D., <b>Ichim L.</b> , Flood evaluation in critical areas by UAV surveillance, 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 30 June-2 July, 2016, pp. 1-6 (6 pag.), Electronic ISBN: 978-1-5090-2047-8, DOI: 10.1109/ECAI.2016.7861118; WOS:000402541200054 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=43&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=43&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
34	Dobrescu S., Chenaru O., Matei N., <b>Ichim L.</b> , Popescu, D., A service oriented system of reusable algorithms for distributed control of petroleum facilities in onshore oilfields, 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 30 June-2 July, 2016, pp. 1-6, Electronic ISBN: 978-1-5090-2047-8, DOI: 10.1109/ECAI.2016.7861115; WOS:000402541200051 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=46&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=46&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	6,50

35	Caramihale T., Popescu D., <b>Ichim L.</b> , A neural-network based approach for exudates evaluation in retinal images, 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2017), 23-25 Martie, Bucharest, Romania, pp. 268–273, 2017, ISBN:978-1-5090-5160-1, ISSN: 1843-8571; WOS:000403399400053 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=49&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=49&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
36	Cirneanu S., <b>Ichim L.</b> , Popescu D., Accurate localization of the optic disc based on LBP descriptors, 40th International Conference on Telecommunications and Signal Processing (TSP), pp. 678-681, 5-7 July 2017, Barcelona, Spain, ISBN: 978-1-5090-3982-1, DOI: 10.1109/TSP.2017.8076073; WOS: 000425229000144 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=52&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=52&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
37	<b>Ichim L.</b> , Popescu D., Retinal image segmentation based on weighted local detectors and confusion matrix, 40th International Conference on Telecommunications and Signal Processing (TSP), pp. 654-658, 5-7 July 2017, Barcelona, Spain, ISBN: 978-1-5090-3982-1, DOI: 10.1109/TSP.2017.8076068; WOS: 000425229000139 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=56&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=56&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	16,25
38	Camachi B.E.M., Chenaru O., <b>Ichim L.</b> , Popescu D., A practical approach to IEC 61850 standard for automation, protection and control of substations, 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-6 (6 pag.), 22 June-1July 2017, Targoviste, Romania, ISBN:978-1-5090-6458-8, ISSN: 2378-7147, DOI: 10.1109/ECAI.2017.8166471; WOS: 000425865900087 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=60&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=60&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	8,13
39	Matei N.M., Dobrescu S.-L., <b>Ichim L.</b> , Popescu D., Pricop E., A multi-agent system for management of control functions as services in onshore oilfield, 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-5 (5 pag.), 22 June-1July 2017, Targoviste, Romania, ISBN:978-1-5090-6458-8, ISSN: 2378-7147, DOI: 10.1109/ECAI.2017.8166473; WOS: 000425865900089 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=63&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=63&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	6,50
40	Savu M., Popescu D., <b>Ichim L.</b> , Blood vessel segmentation in eye fundus images, International Conference on Smart Systems and Technologies (SST), pp. 245-249, 18-20 October 2017, Osijek, Croatia, ISBN: 978-1-5386-2101-1, DOI: 10.1109/SST.2017.8188703; WOS: 000427141100035 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=66&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=66&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83

41	<p>Stoican F., Prodan I., Popescu D., <b>Ichim L.</b>, Constrained trajectory generation for UAV systems using a B-spline parametrization, 25th Mediterranean Conference on Control and Automation (MED), 3-6 July, pp. 613-618, Valetta, Malta, 2017, ISSN: 2473-3504, ISBN: 978-1-5090-4533-4, DOI: 10.1109/MED.2017.7984185; WOS:000426926300100  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=70&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=70&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	8,13
42	<p>Chenaru O., Popescu D., Enache D., <b>Ichim L.</b>, Stoican F., Improving operational security for web-based distributed control systems in wastewater management, 25th Mediterranean Conference on Control and Automation (MED), 3-6 July, pp. 1089-1093, Valetta, Malta, 2017, ISSN: 2473-3504, ISBN: 978-1-5090-4533-4, DOI: 10.1109/MED.2017.7984263; WOS:000426926300178  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=74&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=74&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	6,50
43	<p>Sumalan A.L., Popescu D., <b>Ichim L.</b>, Flooded and vegetation areas detection from UAV images using multiple descriptors, 21st International Conference on System Theory, Control and Computing (ICSTCC), pp. 447-452, 19-21 October 2017, Sinaia, Romania, ISBN: 978-1-5386-3842-2, DOI: 10.1109/ICSTCC.2017.8107075; WOS: 000427419900073  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=77&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=77&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83
44	<p>Popescu D., <b>Ichim L.</b>, Vlasceanu E., Chenaru C., Multi-ground-control system for unmanned aerial vehicles, 25th Telecommunication Forum (TELFOR), 21-22 November 2017, Belgrade, Serbia, pp. 1-5, ISBN: 978-1-5386-3073-0, DOI: 10.1109/TELFOR.2017.8249317; WOS:000427782600046  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=6&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=6&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1</a></p>	0,250	8,13
45	<p>Tudorache S., Popescu D., <b>Ichim L.</b>, Combining efficient textural features with CNN — Based classifiers to segment regions of interest in aerial images, 5th International Symposium on Electrical and Electronics Engineering (ISEEE), pp. 1-6, 20-22 October 2017, Galati, Romania, ISBN: 978-1-5386-2059-5, ISSN: 2378-3907, DOI: 10.1109/ISEEE.2017.8170631; WOS: 000428234400007  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=9&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1</a></p>	0,250	10,83
46	<p>Bubulac L., <b>Ichim L.</b>, Popescu D., Purcarea L.V., Cirneanu S., Lazar G., Popa-Velea O., Detection and management of student stress in the learning process, 10th annual International Conference of Education, Research and Innovation (ICERI 2017), Seville, Spain, 16-18 November, 2017, ISBN: 978-84-697-6957-7, ISSN: 2340-1095, pp. 6537-6544, DOI: 10.21125/iceri.2017.1690; WOS: 000429975306092  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1</a></p>	0,250	4,64

47	<p><b>Ichim L.</b>, Popescu D., The university-industry-government partnership in Romanian Program Bridge Grant for increasing the quality of research in technical higher education, 10th annual International Conference of Education, Research and Innovation (ICERI 2017), Seville, Spain, 16-18 November, 2017, ISBN: 978-84-697-6957-7, ISSN: 2340-1095, pp. 5613-5619, DOI: 10.21125/iceri.2017.1454; WOS: 000429975305109  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=15&amp;SID=D2RuSpTn7UnrxcuMheo&amp;page=1&amp;doc=1</a></p>	0,250	16,25
48	<p><b>Ichim L.</b>, Popescu D., Combining color fractal with LBP information for flood segmentation in UAV-based images, S. Battiato et al. (Eds.): ICIAP 2017, Part II, LNCS 10485, pp. 741–752, 2017, ISBN:978-3-319-68548-9; 978-3-319-68547-2, DOI: 10.1007/978-3-319-68548-9_67; WOS: 000445230400067  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=80&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=80&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	16,25
49	<p>Caramihale T., Popescu D., <b>Ichim L.</b>, Interconnected neural networks based on voting scheme and local detectors for retinal image analysis and diagnosis, S. Battiato et al. (Eds.): ICIAP 2017, Part II, LNCS 10485, pp. 753-764, Print ISBN, 978-3-319-68547-2, DOI: 10.1007/978-3-319-68548-9_68; WOS:000445230400068  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=83&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=83&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83
50	<p>Popescu D., <b>Ichim L.</b>, Dobrescu R., Sliding box method for automated detection of the optic disc and macula in retinal images, Third International Conference on Bioinformatics and Biomedical Engineering (IWBBIO 2015), Granada, Spain, April 15-17, 2015, LNCS 9043, pp. 250–261, 2015, ISBN:978-3-319-16483-0; 978-3-319-16482-3, DOI:10.1007/978-3-319-16483-0_26; WOS:000410783200026  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=87&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=87&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83
51	<p>Camachi B.E.M., Popescu D., <b>Ichim L.</b>, Cyber security of smart grid Infrastructure, 12th International Symposium on Applied Computational Intelligence and Informatics (SACI), May 17-19, 2018, pp. 303-308, ISBN:978-1-5386-4640-3, DOI: 10.1109/SACI.2018.8441017; WOS:000448144200053  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=90&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=90&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83
52	<p>Cojocaru J.-I.-R., Popescu D, <b>Ichim L.</b>, Texture classification algorithm using elements of fractal analysis, 21st International Conference on Control Systems and Computer Science (CSCS), 29-31 May 2017, Bucharest, Romania, pp. 435-440, Electronic ISSN: 2379-0482, DOI: 10.1109/CSCS.2017.67; WOS: 000449004400060  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=93&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=93&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83

53	<p><b>Ichim L.</b>, Popescu D., Image processing in hybrid wireless sensor network for small flooded areas evaluation, 4th International Conference on Control, Decision and Information Technologies (CoDIT), 5-7 April 2017, pp. 018 - 323, Barcelona, Spain, ISBN: 978-1-5090-6465-6, DOI: 10.1109/CoDIT.2017.8102611; WOS: 000450826500055  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=96&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=96&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	16,25
54	<p>Dragana C., Stamatescu G., <b>Ichim L.</b>, Popescu D., Interlinking unmanned aerial vehicles with wireless sensor networks for improved large area monitoring, 4th International Conference on Control, Decision and Information Technologies (CoDIT), 5-7 April 2017, pp. 359 - 364, Barcelona, Spain, ISBN: 978-1-5090-6465-6, DOI: 10.1109/CoDIT.2017.8102618; WOS: 000450826500062  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	8,13
55	<p><b>Ichim L.</b>, Popescu D., Road detection and segmentation from aerial images using a CNN based system, 41st International Conference on Telecommunications and Signal Processing (TSP '18), July 4-6, 2018 Athens, Greece, pp. 311-314, Electronic ISBN: 978-1-5386-4695-3, Print on Demand(PoD) ISBN: 978-1-5386-4696-0; WOS: 000454845100070  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=103&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=103&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	16,25
56	<p>Cirneanu Șt., <b>Ichim L.</b>, Popescu D., Improvement of optic disc localization using Gabor filters, 41st International Conference on Telecommunications and Signal Processing (TSP '18), July 4-6, 2018 Athens, Greece, pp. 1-5, Electronic ISBN: 978-1-5386-4695-3, Print on Demand(PoD) ISBN: 978-1-5386-4696-0, DOI: 10.1109/TSP.2018.8441261; WOS: 000454845100066  <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D4znpOKrFecjEK1jr9h&amp;search_mode=GeneralSearch&amp;prID=fc02df11-1fe2-4acd-bca3-c5d2a55b1e1b">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D4znpOKrFecjEK1jr9h&amp;search_mode=GeneralSearch&amp;prID=fc02df11-1fe2-4acd-bca3-c5d2a55b1e1b</a></p>	0,250	10,83
57	<p>Enache D., Chenaru O., <b>Ichim L.</b>, Popescu D., Residual water burst detection using WSN measurements and cloud analysis, 26th Mediterranean Conference on Control and Automation, June 19-22, 2018, Zadar, Croatia, pp. 926-931, ISBN: 978-1-5386-7891-6, Electronic ISBN: 978-1-5386-7890-9, DOI: 10.1109/MED.2018.8442869; WOS: 000454718500153  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=106&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=106&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	8,13
58	<p>Militaru G., Popescu D., <b>Ichim L.</b>, Connectivity solutions for hybrid air-ground sensor networks, 26th Mediterranean Conference on Control and Automation, June 19-22, 2018, Zadar, Croatia, pp. 932-937, ISBN: 978-1-5386-7891-6, Electronic ISBN: 978-1-5386-7890-9, DOI: 10.1109/MED.2018.8442902; WOS: 000454718500154  <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=109&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=109&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a></p>	0,250	10,83

59	Chenaru O., Popescu D., Mihai V., <b>Ichim L.</b> , Integration of WSN, IoT and cloud computing in distributed monitoring system for aging persons in active life, 26th Mediterranean Conference on Control and Automation, June 19-22, 2018, Zadar, Croatia, pp. 938-943, ISBN: 978-1-5386-7891-6, Electronic ISBN: 978-1-5386-7890-9, DOI: 10.1109/MED.2018.8442646; WOS: 000454718500155 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=112&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=112&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	8,13
60	Militaru G., Popescu D., <b>Ichim L.</b> , UHF propagation model calibration using correlations between field measurements and prediction, IEEE Radio and Antenna Days of the Indian Ocean (IEEE RADIO 2018), Mauritius, 15 - 18 October 2018, pp. 1-2 (2 pag.), Electronic ISBN: 978-99949-0-470-9, DOI: 10.23919/RADIO.2018.8572437; WOS: 000457734500045 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=116&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=116&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
61	Stoican F., Popescu D., <b>Ichim L.</b> , A geometrical interpretation of communication restrictions in a multi-agent environment, IEEE Radio and Antenna Days of the Indian Ocean (IEEE RADIO 2018), Mauritius, 15 - 18 October 2018, pp. 1-2 (2 pag.), Electronic ISBN: 978-99949-0-470-9, DOI: 10.23919/RADIO.2018.8572375; WOS: 000457734500027 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=119&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=119&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
62	Hanganu C.E., Chenaru O., <b>Ichim L.</b> , Popescu D., Efficient solution for smart home applications, 26th Telecommunications Forum (TELFOR 2018), Belgrade, Serbia, November 20-21, pp. 424-427, 2018, ISBN:978-1-5386-7171-9, DOI: 10.1109/TELFOR.2018.8611836; WOS: 000459714200096 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=122&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=122&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	8,13
63	Militaru G., Popescu D., <b>Ichim L.</b> , UAV-to-UAV communication options for civilian application, 26th Telecommunications Forum (TELFOR 2018), Belgrade, Serbia, November 20-21, pp. 172-175, 2018, ISBN: 978-1-5386-7171-9, DOI: 10.1109/TELFOR.2018.8612108; WOS: 000459714200043 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=125&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=125&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,250	10,83
64	Stoican F., Prodan I., Popescu D., <b>Ichim L.</b> , Vlăsceanu E., Mixed-integer representations for mission constraints in a multi-agent team, 15th International Conference on Control, Automation, Robotics and Vision (ICARCV), November 18-21, 2018, Marina Bay Sands Expo and Convention Centre, Singapore, pp. 562-567, ISBN: 978-1-5386-9582-1, ISSN: 2474-2953, DOI: 10.1109/ICARCV.2018.8580636 (conform CORE2018, <a href="http://portal.core.edu.au/conf-ranks">http://portal.core.edu.au/conf-ranks</a> ); conf. A, WOS: 000459847700095 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=128&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=128&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,750	9,50

65	Șumălan A., Popescu D., <b>Ichim L.</b> , CNN based on LBP for evaluating natural disasters, 15th International Conference on Control, Automation, Robotics and Vision (ICARCV), November 18-21, 2018, Marina Bay Sands Expo and Convention Centre, Singapore, pp. 568-573, ISBN: 978-1-5386-9582-1, ISSN: 2474-2953, DOI: 10.1109/ICARCV.2018.8581130, (conform CORE2018 <a href="http://portal.core.edu.au/conf-ranks">http://portal.core.edu.au/conf-ranks</a> ); conf. A, WOS: 000459847700096 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=131&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=131&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,750	15,83
66	Popescu D., <b>Ichim L.</b> , Stoican F., Flooded area segmentation from UAV images based on generative adversarial networks, 15th International Conference on Control, Automation, Robotics and Vision (ICARCV), November 18-21, 2018, Marina Bay Sands Expo and Convention Centre, Singapore, pp. 1361-1366, ISBN: 978-1-5386-9582-1, ISSN: 2474-2953, DOI: 10.1109/ICARCV.2018.8581341 (conform CORE2018, <a href="http://portal.core.edu.au/conf-ranks">http://portal.core.edu.au/conf-ranks</a> ); conf. A, WOS: 000459847700229 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=134&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=134&amp;SID=E5TygOuMb9BT96MkrD3&amp;page=1&amp;doc=1</a>	0,750	15,83
<b>Total (A2.1)</b>		<b>28,01</b>	<b>820,50</b>

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori]	Punctaj
<b>Jurnale indexate BDI</b>		
1	Dobrescu R., <b>Ichim L.</b> , Using fractal dimension as discriminator of infected HeLa cells from spectrophotometric images, I. J. Functional Informatics and Personalised Medicine, vol. 1, no. 1, pp. 53–67, 2008, ISSN: 1756-2104 [Scopus]	10,00
2	<b>Ichim L.</b> , Dobrescu R., Device and method for acquisition and automatic data processing in virology, Transactions on Mass-Data Analysis of Images and Signals, vol. 1, no. 2, pp. 210–223, Sept. 2009, ISSN: 1868-6451 [DBLP]	10,00
3	Dobrescu R., Vasilescu C., <b>Ichim L.</b> , Fractals and scaling analysis in tumor growth evaluation, WSEAS Transactions on Systems, vol. 6, no. 1, pp. 102-108, 2007 ISSN:1109-2777 [Scopus]	6,67
4	Dobrescu R., Dobrescu M., <b>Ichim L.</b> , Improved content based image retrieval technique with fractal discriminator, WSEAS Transactions on Systems, vol. 5, no. 12, pp. 2781-2788, 2006, ISSN: 11092777 [Scopus]	6,67
<b>Articole in volumele unor manifestari stiintifice indexate BDI proceedings</b>		

5	Dobrescu R., Vasilescu C., <b>Ichim L.</b> , Using fractal dimension in tumor growth evaluation, Proceedings of the 5th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos (NOLASC '06), pp. 63–68, Bucharest, Romania, October 16-18, 2006, ISBN: 960-8457-54-8 [ACM]	6,67
6	<b>Ichim L.</b> , Dobrescu R., Vasilescu C., Two dimensional modeling and computer simulation of tumor growth, WORLDCOMP'08, Proceedings of the 2008 International Conference on Bioinformatics & Computational Biology (BIOCOMP 2008), July 14-17, Las Vegas Nevada, USA, vol. 1, CSREA Press USA, pp. 328–333, 2008, ISBN: 1-60132-055-8 [Scopus]	6,67
7	Oltean V.E., Dobrescu R., <b>Ichim L.</b> , Dobrică L., Behaviour prediction and simulation of partition-based biological models - Some open issues of lattice paradigms, IFAC Proceedings Volumes, vol. 42, Issue 25, January 2009, pp. 80–85, 12th IFAC Workshop on Supplementary Ways for Improving International Stability, 2009, ISBN: 978-3-902661-57-9, DOI:10.3182/20091028-3-RO-4007.00018 [Elsevier]	5,00
8	Dobrescu R., Dobrescu M., <b>Ichim L.</b> , Using texture and fractal analysis for classification of cell nuclei from light scattering spectroscopic images, Proceedings of IEEE WHISPERS 2010 – Workshop on Hyperspectral Image and Signal Processing, 14-16 June, pp. 1–4 (4 pag.), Reykjavik, Island, 2010, ISBN: 978-1-4244-8906 DOI:10.1109/WHISPERS.2010.5594874 [IEEE Xplore]	6,67
9	Dobrescu R., <b>Ichim L.</b> , Mocanu S., Popescu D., Benign and malignant breast lesions: diagnosis using fractal measures, Proceedings of the 18th International Conference on System Theory, Control and Computing (ICSTCC 2014), Sinaia, Romania, October 17-19, 2014, pp. 82–86, ISBN: 978-1-4799-4602-0 [IEEE Xplore]	5,00
10	Mihai V., Dragana C. Stamatescu G., Popescu D., <b>Ichim L.</b> , Wireless sensor network architecture based on fog computing, 5th International Conference on Control, Decision and Information Technologies (CoDIT), 10-13 April 2018, Thessaloniki, Greece, pp. 743-747, 2018, DOI: 10.1109/CoDIT.2018.8394851, Electronic ISBN: 978-1-5386-5065-3, Electronic ISSN: 2576-3555 [IEEE Xplore]	4,00
11	Militaru I. G., Popescu D., Mateescu C., <b>Ichim L.</b> , Correlation between distance and frequency bands in hybrid air-ground sensor networks, 5th International Conference on Control, Decision and Information Technologies (CoDIT), 10-13 April 2018, Thessaloniki, Greece, pp. 247-252, 2018, DOI: 10.1109/CoDIT.2018.8394859, Electronic ISBN: 978-1-5386-5065-3, Electronic ISSN: 2576-3555 [IEEE Xplore]	5,00
12	<b>Ichim L.</b> , Popescu D., Monitoring and evaluation of flooded areas based on fused texture descriptors, In: Blanc-Talon J., Penne R., Philips W., Popescu D., Scheunders P. (eds) Advance+B141d Concepts for Intelligent Vision Systems. ACIVS 2017. Lecture Notes in Computer Science, vol 10617, pp.349-360, 2017, Online ISBN 978-3-319-70353-4, Print ISBN: 978-3-319-70352-7, DOI: 10.1007/978-3-319-70353-4_30 [Springer link]	10,00



13	Popescu D., <b>Ichim L.</b> , Docea A., Complex conditional Generative Adversarial Nets for multiple objectives detection in aerial images, 25th International Conference on Neural Information Processing (ICONIP 2018), 13-16 December, Siem Reap, Cambodia, L. Cheng et al. (Eds.): ICONIP 2018, LNCS 11304, pp. 671–683, 2018, ISSN: 0302-9743, ISBN: 978-3-030-04211-0 (conform CORE2018, <a href="http://portal.core.edu.au/conf-ranks">http://portal.core.edu.au/conf-ranks</a> ). conf A (neindexata inca ISI) [Springer link]	6,67
14	Jianu S, <b>Ichim L.</b> , Popescu D., Chenaru O., Advanced processing techniques for detection and classification of skin lesions, 22nd International Conference on System Theory, Control and Computing (ICSTCC), October 10-12, 2018, Sinaia, Romania, pp. 498-503, ISBN: 978-1-5386-4444-7, Print on Demand(PoD) ISSN: 2372-1618, DOI: 10.1109/ICSTCC.2018.8540732 [IEEE Explore]	5,00
15	Safca N., Popescu D., <b>Ichim L.</b> , El-khatib H., Chenaru O., Image processing techniques to identify red blood cells, 22nd International Conference on System Theory, Control and Computing (ICSTCC), October 10-12, 2018, Sinaia, Romania, pp. 93-98, ISBN: 978-1-5386-4444-7, Print on Demand(PoD) ISSN: 2372-1618, DOI: 10.1109/ICSTCC.2018.8540708 [IEEE Explore]	4,00
16	Nicolae M., Popescu D., Merezeanu D., <b>Ichim L.</b> , Large scale Wireless Sensor Networks based on fixed nodes and mobile robots in precision agriculture, Proceedings of the 27th International Conference on Robotics in Alpe-Adria Danube Region (RAAD 2018), 6-8 June 2018 -Patras, Greece, In book: Advances in Service and Industrial Robotics, pp. 236-244, 2019 Print ISBN: 978-3-030-00231-2, Electronic ISBN: 978-3-030-00232-9, DOI: 10.1007/978-3-030-00232-9_24. [Springer link]	5,00
<b>Total (A2.2)</b>		<b>103,00</b>

<b>A2.3.1</b>	<b>Proprietate intelectuala, brevete de inventie, certificate ORDA, internationale [35/nr.aurori]</b>	<b>Punctaj</b>
<b>Total (A2.3.1)</b>		<b>0,00</b>

<b>A2.3.2</b>	<b>Proprietate intelectuala, brevete de inventie, certificate ORDA, Nationale [20/nr.aurori]</b>	<b>Punctaj</b>
1	<b>Ichim L.</b> , "Dispozitiv spectrofotometric pentru microscop", brevet de invenție, BI nr.120590/ 2006, Derwent Primary Accession Number: 2007-006655 [01], International Patent Classification: G01J-003/44; G01N-013/10; G02B-021/06 <a href="https://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=92&amp;SID=E3bziMFCLqBZiRgGI8s&amp;page=1&amp;doc=7">https://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=92&amp;SID=E3bziMFCLqBZiRgGI8s&amp;page=1&amp;doc=7</a>	<b>20,00</b>
2	Dobrescu R., Taralunga S., <b>Ichim L.</b> , Mocanu S., "Sistem de prelucrare distribuita, orientat pe analiza fractala", brevet de invenție, RO 123593 B1, prin hotărârea nr. 6/156 din 29.11.2013, Derwent Primary Accession Number: 2014-F54192 [26], International Patent Classification: G06F-017/30; G06F-009/50 <a href="https://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=92&amp;SID=E3bziMFCLqBZiRgGI8s&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=92&amp;SID=E3bziMFCLqBZiRgGI8s&amp;page=1&amp;doc=1</a>	<b>5,00</b>

	<b>Total (A2.3.2)</b>	<b>25,00</b>
--	-----------------------	--------------

A2.4.1.1	Granturi / proiecte internationale castigate prin competitie - Director de proiect [20 * ani in desfasurare]	Punctaj
	<b>Total (A2.4.1.1)</b>	<b>0,00</b>

A2.4.1.2	Granturi / proiecte nationale castigate prin competitie - Director de proiect [10 * ani in desfasurare]	Punctaj
1	Grant Academia Română nr. 308 / 2001, Analiza spectrodifuziometrică a gradului de transformare în culturi celulare, Director de proiect: <b>Ichim Loretta</b> , Executant: Institutul de Virusologie "Stefan S. Nicolau", Beneficiar: Academia Romana, Perioada de desfasurare 2001 - 2002 <a href="http://www.academiaromana.ro/grant2008/grant2008.htm">http://www.academiaromana.ro/grant2008/grant2008.htm</a>	20
2	„Sistem multispectral de monitorizare ambientală a zonelor critice în domeniul energetic”, nr. PN-III-P2-2.1-CI-2017-0638, Proiect 64CI/2017, Director de proiect: <b>Ichim Loretta</b> , Executant: UPB, Beneficiar SONERG TRADING SRL, Perioada de desfasurare: 07.2017-12.2017 <a href="http://imtt.pub.ro/cercetare/proiecte/smart/">http://imtt.pub.ro/cercetare/proiecte/smart/</a>	5
3	„Modul multifuncțional bazat pe FPGA pentru prelucrarea imaginii în aplicații de robotică industrială”, nr. PN-III-P2-2.1-CI-2017-0523, Proiect 62CI/2017, Director de proiect: <b>Ichim Loretta</b> , Executant: UPB, Beneficiar ASTI CONTROL SA, Perioada de desfasurare: 07.2017-12.2017 <a href="http://imtt.pub.ro/cercetare/proiecte/prima/">http://imtt.pub.ro/cercetare/proiecte/prima/</a>	5
4	„Rețea de noduri multisenzoriale inteligente pentru monitorizare indoor”, nr. PN-III-P2-2.1-CI-2017-0508, Proiect 100CI/2017, Director de proiect: <b>Ichim Loretta</b> , Executant: Universitatea Valahia din Targoviste, Beneficiar SOCIETATEA DE INGINERIE SISTEME SIS S.A. Perioada de desfasurare: 07.2017-12.2017 <a href="http://smard.valahia.ro/">http://smard.valahia.ro/</a>	5
	<b>Total (A2.4.1.2)</b>	<b>35,00</b>

A2.4.2.1	Granturi / proiecte internationale castigate prin competitie - Membru in echipa [4 * ani in desfasurare]	Punctaj
1	FP7 project ERRIC Empowering Romanian Research on Intelligent Information Technologies, REGPOT-2010-1 No. 264207, 2010-2014, Director: prof.dr.ing. Adina Florea <a href="https://cordis.europa.eu/project/rcn/95735/reporting/en">https://cordis.europa.eu/project/rcn/95735/reporting/en</a>	16
	<b>Total (A2.4.2.1)</b>	<b>16,00</b>

A2.4.2. 2	Granturi / proiecte nationale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Punctaj
1	Arhitectura cloud pentru o biblioteca deschisa de blocuri functionale logice reutilizabile pentru sisteme optimizate (CALCULOS), Proiect PN-II-PT-PCCA2013-4-2123, Responsabil: Prof.dr.ing Daniela Hossu, Perioada de desfășurare: 2014-2017	6
2	Modele și tehnici morfometrice cu aplicații în ameliorarea diagnosticului imagistic în cancere digestive și evaluarea de noi terapii, Proiect PNCDI-PNII-Parteneriate CNMP PN2 61-031, Director de proiect: Prof.dr.ing. Radu Dobrescu, Perioada de desfășurare: 2007-2010	6
3	Sistem robotic multisenzorial pentru monitorizarea aeriană a infrastructurilor critice (MUROS), National Program STAR, Proiect 71/2013, Director: Prof.dr.ing. Dan Popescu, Perioada de desfășurare: 2013-2016	6
4	Aplicatii ale analizei fractale in prelucrarea imaginilor, CNCSIS PD121 PD_25, Director de proiect: Prof.dr.ing. Radu Dobrescu, Perioada de desfășurare: 2006-2008	4
5	Sistem multi-dronă de evaluare a efectelor inundațiilor (SIMUL), Proiect Bridge BG49, Director de proiect: Prof.dr.ing. Dan Popescu, Perioada de desfășurare: 2016-2018	4
6	Platforma de management a contextului pentru aplicatii de inteligenta ambientala (CONSERT), Proiect nr. PN-III-P2-2.1-PED-2016-1753, 34PED/2017, Director de proiect: Prof.dr.ing. Adina Florea, Perioada de desfășurare: 2016-2018	4
7	Sistem robotic integrat aerian multiagent pentru explorarea regiunilor de interes terestre (MAARS), National Program STAR, Proiect 185/2017, Director de proiect: Prof.dr.ing. Dan Popescu, Perioada de desfășurare: 2017-2019	4
8	Conducerea inteligenta si distribuita a 3 sisteme autonome complexe integrate in tehnologii emergente pentru asistare personala medico-sociala si deservire de linii de fabricatie flexibila de precizie (CIDSACTEH) - PN-III-P1-1.2-PCCDI-2017-0290, contract 78PCCDI/01.03.2018, Responsabil de proiect UPB: Prof.dr.ing. Radu Dobrescu, Perioada de desfășurare: 2018-2020	4
9	Sistem integrat de monitorizare inteligentă, UAV–WSN–IoT, pentru agricultura de precizie (MUWI) no. 1224/2018 UPB, subsidiar al proiectului NETIO - UEFISCDI, Director de proiect: Prof.dr.ing. Dan Popescu, Perioada de desfășurare: 2018-2020	6
	<b>Total (A2.4.2.2)</b>	<b>44,00</b>

<b>A3</b>	<b>Recunoasterea si impactul activitatii (A3)</b>	<b>349,55</b>
-----------	---	---------------

<b>A3.1.1</b>	<b>Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr.autori citati]</b>	<b>Citari ISI</b>	<b>Punctaj</b>
	<b>Ichim L., Dobrescu R.,</b> Characterization of tumor angiogenesis using fractal measures, 19th International Conference on Control Systems and Computer Science - CSCS 19, pp. 345–349, 2013, ISBN: 978-1-4673-6140-8, WOS:000328493800052.	3	20,00
1	Roberto, Guilherme; Neves, Leandro A., Nascimento, Marcelo Z.; Tosta, Thaina A. A.; Longo, Leonardo C.; Martins, Alessandro S.; Faria, Paulo R., Features based on the percolation theory for quantification of non-Hodgkin lymphomas, COMPUTERS IN BIOLOGY AND MEDICINE, Volume: 91, Pages: 135-147, 2017, WOS:000417660400012, PubMed ID: 29059591, ISSN: 0010-4825, eISSN: 1879-0534, DOI: 10.1016/j.combiomed.2017.10.012 (Q2) (conform JCR 2017)		
2	Anovitz, Lawrence M.; Cole, David R., Characterization and Analysis of Porosity and Pore Structures, PORE-SCALE GEOCHEMICAL PROCESSES, vol. 8, pp. 61-164, 2015, Book Series: Reviews in Mineralogy & Geochemistry DOI: 10.2138/rmg.2015.80.04, ISBN:978-0-939950-96-6, ISSN: 1529-6466, WOS:000360249600004 (Q1) (conform JCR 2017)		
3	Gupta, M; Rajagopalan, V; Rao, BVVSNP, Glioma grade classification using wavelet transform-local binary pattern based statistical texture features and geometric measures extracted from MRI, JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, Volume: 31 Issue: 1 Pages: 57-76, 2019, WOS: 000454923500004		
	Dobrescu R., <b>Ichim L.,</b> Two dimensional modeling and fractal characterization of tumor vascular network, Bioinformatics, Systems Biology and Intelligent Computing, 2009, IJCBS '09. International Joint Conference on Bioinformatics, Systems Biology and Intelligent Computing, 3-5 Aug. 2009, pp. 483–486, Shanghai, China, ISBN: 978-0-7695-3739-9, WOS:000282797800085.	1	4,00
4	Tache, Irina-Andra; Popescu, Dumitru; Vasseur, Christian, Fractal Dimension for the Analysis of Vascular Diseases on X-ray Angiography, 2015 20TH INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE, pp. 650-655, DOI: 10.1109/CSCS.2015.88, ISBN:978-1-4799-1780-8, WOS:000380375200095		
	<b>Ichim L., Oltean V. E., Dobrescu R.,</b> Fractal evaluation of a discrete model for simulation of avascular tumor growth, Book: New Aspects of Automatic Control, Modelling and Simulation, Proceedings of the 10th International Conference on Automatic Control, Modelling & Simulation (ACMOS'08), Istanbul, Turkey, May 27-30, 2008, pp. 90–95, ISBN: 979-960-6766-63-3, ISSN: 1790-5117, WOS:000258072400019.	2	10,66

5	Diebner, Hans H.; Zerjatke, Thomas; Griehl, Max; Roeder, Ingo, Metabolism is the tie: The Bertalanffy-type cancer growth model as common denominator of various modelling approaches, BIOSYSTEMS, 2018, WOS:000432609700001, PubMed ID: 29605248, ISSN: 0303-2647, eISSN: 1872-8324, Volume: 167 Pages: 1-23, DOI: 10.1016/j.biosystems.2018.03.004, (Q2) (conform JCR 2017)		
6	Al-Husari, Maymona; Murdoch, Craig; Webb, Steven D., A cellular automaton model examining the effects of oxygen, hydrogen ions and lactate on early tumour growth, JOURNAL OF MATHEMATICAL BIOLOGY, Volume: 69 Issue: 4 pp. 839-873, 2014, DOI: 10.1007/s00285-013-0719-x, WOS:000342173300003, PubMed ID: 23982261, ISSN: 0303-6812, eISSN: 1432-1416 (Q2) (conform JCR 2017)		
	Dobrescu R., <b>Ichim L.</b> , Mocanu Șt., Popa Șt., A fractal model for simulation of biological growth processes, Book: Mathematics and Computers in Biology and Chemistry, Proceedings of the 9th WSEAS International Conference on Mathematics & Computers in Biology & Chemistry (MCBC'08), Bucharest, Romania, June 24-26, 2008, pp. 88–93, ISSN: 1790-5125, ISBN: 978-960-6766-75-6, WOS:000258094800020.	2	6,00
7	Popa, Stefan; Dobrescu, Radu, Petri Net models in Computational Biology, 2015 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB), 19-21 Nov., pp. 1-4, 2015, Iasi, Romania, WOS:000380397900251, ISBN:978-1-4673-7545-0		
8	Tiraihi, Ali ; Tiraihi, Mujtaba; Tiraihi, Taki, Self-organization of developing embryo using scale-invariant approach, THEORETICAL BIOLOGY AND MEDICAL MODELLING, vol. 8, 2011, DOI: 10.1186/1742-4682-8-17, ISSN: 1742-4682, WOS:000292212500001 (Q2) (conform JCR 2017)		
	Dobrescu R., <b>Ichim L.</b> , Crișan D., Diagnosis of breast cancer from mammograms by using fractal measures, International Journal of Medical Imaging, vol. 1, Issue 2, 2013, pp. 32-38. doi: 10.11648/j.ijmi.20130102.14, ISSN Print: 2330-8303, ISSN Online: 2330-832X .	11	39,9
9	Philipp Hermann, Tomáš Mrkvička, Torsten Mattfeldt, Mária Minárová, Kateřina Helisová, Orietta Nicolis, Fabian Wartner, Milan Stehlík, Fractal and stochastic geometry inference for breast cancer: a case study with random fractal models and Quermass-interaction process, Statistics in Medicine, Volume 34, Issue 18, 15 August 2015, pp. 2636–2661, DOI: 10.1002/sim.6497, WOS:000357428500004 (Q2) (conform JCR 2017)		
10	Shanmugavadivu, P.; Sivakumar, V., Sudhir, R., Fractal dimension-bound spatio-temporal analysis of digital mammograms, European Physical Journal-Special Topics, Volume: 225, Issue: 1, pp. 137-146, DOI: 10.1140/epjst/e2016-02615-x, WOS:000371423700014, ISSN: 1951-6355, eISSN: 1951-6401, (Q2) (conform JCR 2017)		

11	He, Wenda; Harvey, Sam; Juette, Arne; Denton, Erika R. E; Zwigelaar, Reyer, Mammographic Segmentation and Density Classification: A Fractal Inspired Approach, Lecture Notes in Computer Science, Volume: 9699, Pages: 359-366, 2016, DOI: 10.1007/978-3-319-41546-8_45, ISBN:978-3-319-41546-8; 978-3-319-41545-1, ISSN: 0302-9743, WOS: 000386324200045	
12	Stefan Tălu, Cristina Vlăduțiu, Carmen A. Lupașcu, Characterization of human retinal vessel arborisation in normal and amblyopic eyes using multifractal analysis, Int J Ophthalmol. 2015; 8(5): 996–1002, 2015 Oct 18. doi: 10.3980/j.issn.2222-3959.2015.05.26, PMID: PMC4631015, WOS:000361858600026, PubMed ID: 26558216, ISSN: 2222-3959, eISSN: 2227-4898	
13	Angeline SP Kirubha, Minnita Rachel, Micheal Anburajan, Automated multimodal segmentation of an abnormal breast mass in mammogram, Proceedings of the Institution of Mechanical Engineers Part H-Journal of Engineering in Medicine, June 2016 230: 516-531, 2016 doi: 10.1177/0954411916638380, WOS:000377098400002, PubMed ID: 27045116, ISSN: 0954-4119, eISSN: 2041-3033	
14	Elinaldo Santos De Goes Junior, Francisco Bruno Souza, Oliveira, Paulo Eduardo Ambrosio, Fractal Dimension for Characterization of Focal Breast Lesions, 11th Word Congress on Computational Mechanics; 5th European Conference on Computational Mechanics; 6th European Conference on Computational Fluid Dynamics, Vols. II - IV, pp. 916-922, 2014, WOS:000353626501016, ISBN:978-84-942844-7-2	
15	I.M.Franck, P.S.Koutsourelakis, Multimodal, high-dimensional, model-based, Bayesian inverse problems with applications in biomechanics, Journal of Computational Physics, Volume 329, 15 January 2017, Pages 91-125, WOS:000390511500006, ISSN: 0021-9991, eISSN: 1090-2716 DOI: 10.1016/j.jcp.2016.10.039, (Q1) (conform JCR 2017)	
16	Wenda He, Sam Harvey, Arne Juette, Erika R. E. Denton, Reyer Zwigelaar, Mammographic Segmentation and Density Classification: A Fractal Inspired Approach, 3th International Workshop, IWDM 2016, Malmö, Sweden, June 19-22, 2016, pp 359-366, Print ISBN: 978-3-319-41545-1, Online ISBN: 978-3-319-41546-8, DOI: 10.1007/978-3-319-41546-8_45, WOS:000386324200045	
17	Robson de Souza Filho ; Carolina Yukari Veludo Watanabe, Automated Feature Extraction from Breast Masses Using Multiscale Fractal Dimension, Workshop of Computer Vision (WVC), Oct. 30 2017-Nov. 1, 2017, Electronic ISBN: 978-1-5386-1451-8, Print on Demand(PoD) ISBN: 978-1-5386-1452-5 DOI: 10.1109/WVC.2017.00012, WOS:000426909100005	
18	Erna Budhiarti Nababan ; Muhammad Iqbal ; Romi Fadillah Rahmat, Breast cancer identification on digital mammogram using Evolving Connectionist Systems, International Conference on Informatics and Computing (ICIC), 28-29 Oct. 2016, Electronic ISBN: 978-1-5090-1648-8, Print on Demand(PoD) ISBN: 978-1-5090-1649-5, DOI: 10.1109/IAC.2016.7905703, WOS:000406668000025	

19	J. Roberto Romero-Arias, Guillermo Ramírez-Santiago, Jorge X. Velasco-Hernández, Laurel Ohm, and Maribel Hernández-Rosales, Model for breast cancer diversity and spatial heterogeneity, Phys. Rev. E 98, 032401 – Published 4 September 2018, WOS: 000443674400011, (Q2) (conform JCR 2017)		
	Dobrescu R., <b>Ichim L.</b> , Mocanu S., Popa S., A fractal approach to pattern formation in biological systems, WSEAS Transactions on Biology and Biomedicine, vol. 5, no. 6, pp. 107-116, 2008, ISSN: 1109-9518.	2	4,00
20	R Dobrescu, SA Popa, V Purcarea, C Vasilescu, Model for enzyme kinetics using Petri networks, FARMACIA, 2009, Vol. 57, 6, pp. 691-702, 2009, WOS:000272294200003, ISSN: 0014-8237		
21	Popa, Stefan; Dobrescu, Radu, Petri Net models in Computational Biology, 2015 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB), 19-21 Nov., pp. 1-4, 2015, Iasi, Romania, WOS:000380397900251, ISBN:978-1-4673-7545-0		
	Chenaru O., Popescu D., Enache D., <b>Ichim L.</b> , Fault-tolerant control system implementation based on parameter analysis, Studies in Informatics and Control, vol. 25, no. 2, pp. 227-237, 2016, ISSN: 1220-1766, WOS:000378101300010.	1	2,00
22	Amrane, Ahmed; Larabi, Abdelkader; Aitouche, Abdel, Actuator Fault Estimation Based on LPV Unknown Input Observer for Induction Machine, STUDIES IN INFORMATICS AND CONTROL Volume: 26 Issue: 3 Pages: 295-304 Published: SEP 2017, DOI: 10.24846/v26i3y201705, WOS:000412715700005, ISSN: 1220-1766		
	Popescu D., <b>Ichim L.</b> , Caramihale T., Flood areas detection based on UAV surveillance system, The 19th International Conference on System Theory, Control and Computing – ICSTCC 2015, 14-16 October 2015, pp. 753-758, Căile Grădiștei - Fundata, Romania, ISBN: 978-1-4799-8481-7 DOI:10.1109/ICSTCC.2015.7321384, WOS:000382384100125.	5	21,33
23	Erdelj, Milan; Krol, Michal; Natalizio, Enrico, Wireless Sensor Networks and Multi-UAV systems for natural disaster management, COMPUTER NETWORKS, Volume: 124 Pages: 72-86, DOI: 10.1016/j.comnet.2017.05.021, WOS:000408788600007, ISSN: 1389-1286, eISSN: 1872-7069, (Q1) (conform JCR 2017)		
24	Del Rosario, Jay Robert B.; Angeles, Janela Assumpta L.; Cabebe, Aldwin Jerome P.; Co, Janssen Jeremy D.; Santamaria, Don Emmanuel S.; Bandala, Argel A.; Dadios, Elmer P., Integrative Review of the Development of a Multi-Object Tracker From a Dual Camera System in an Unmanned Aerial Vehicle (UAV), 9th IEEE International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (IEEE HNICEM) Location: Pasay, PHILIPPINES Date: NOV 29-DEC 03, 2017, WOS:000426116300106, ISBN:978-1-5386-0912-5, ISSN: 2475-7152		

25	Kelner, Jan M.; Ziolkowski, Cezary, Doppler Effect-Based Automatic Landing Procedure for UAV in Difficult Access Environments, JOURNAL OF ADVANCED TRANSPORTATION , UNSP 8092718, 2017, DOI: 10.1155/2017/8092718, WOS:000412189000001, ISSN: 0197-6729, eISSN: 2042-3195,		
26	Casado, MR; Irvine, T ; Johnson, S ; Palma, M ; Leinster, P, The Use of Unmanned Aerial Vehicles to Estimate Direct Tangible Losses to Residential Properties from Flood Events: A Case Study of Cockermouth Following the Desmond Storm, REMOTE SENSING, Volume: 10 Issue: 10, Article Number: 1548, 2018, WOS:000448555800048, (Q2) (conform JCR 2017)		
27	Hashemi-Beni, L ; Jones, J ; Thompson, G ; Johnson, C ; Gebrehiwot, A, Challenges and Opportunities for UAV-Based Digital Elevation Model Generation for Flood-Risk Management: A Case of Princeville, North Carolina, SENSORS, Volume: 18, Issue: 11, Article Number: 3843, 2018, WOS:000451598900253, (Q2) (conform JCR 2017)		
	Popescu D., <b>Ichim L.</b> , Caramihale T., Texture based method for automated detection, localization and evaluation of the exudates in retinal images, 22nd International Conference on Neural Information Processing (ICONIP 2015), 9-12 November, Istanbul, Turkey, S. Arik et al. (Eds.): ICONIP 2015, Part IV, LNCS 9492, pp. 463–472, 2015, ISBN: 978-3-319-26560-5, WOS: 000373889900055.	1	2,67
28	Angelescu, Nicoleta; Coanda, Henri George ; Caciula, Ion); Dragoi, Catalin; Albu, Felix, SQL Query Optimization in Content Based Image Retrieval Systems, IEEE 11th International Conference on Communications (COMM) Location: Bucharest, ROMANIA Date: JUN 09-11, 2016, pp. 395-398, WOS:000383221900082, ISBN:978-1-4673-8197-0		
	Popescu D., <b>Ichim L.</b> , Caramihale, T., Computer — Aided localization of the optic disc based on textural features, 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2015), pp. 307–312, 2015, ISBN: 978-1-4799-7514-3, WOS:000368159800057.	4	13,33
29	Saleh, Emran; Blaszczyński, Jerzy); Moreno, Antonio; Valls, Aida; Romero-Aroca, Pedro; de la Riya-Fernandez, Sofia; Slowinski, Roman, Learning ensemble classifiers for diabetic retinopathy assessment, ARTIFICIAL INTELLIGENCE IN MEDICINE Volume: 85 Pages: 50-63 , 2017, ISSN: 0933-3657, eISSN: 1873-2860, WOS:000430776600007, (Q1) (conform JCR 2017)		
30	Issac, Ashish; Soorya, M.; Dutta, Malay Kishore, Automated Localization of Optic Nerve Head in a Fundus Image using Computer Vision Techniques, International Conference on Emerging Trends in Computing and Communication Technologies (ICETCCT) Location: Graphic Era Hill Univ, Dehradun, INDIA Date: NOV 17-18, 2017 , Pages: 72-77, ISBN:978-1-5386-1147-0, WOS:000426970400014		



31	Escorcía-Gutiérrez, Jose; Torrents-Barrena, Jordina; Romero-Aroca, Pedro; (Valls, Aida; Puig, Domenec, Interactive Optic Disk Segmentation via Discrete Convexity Shape Knowledge Using High-Order Functionals, 19th International Conference of the Catalan-Association-for-Artificial-Intelligence (CCIA) Location: Univ Pompeu Fabra, Barcelona, SPAIN Date: OCT 19-21, 2016, Volume: 288, Pages: 39-44, DOI: 10.3233/978-1-61499-696-5-39, , ISBN:978-1-61499-696-5; 978-1-61499-695-8, ISSN: 0922-6389, WOS:000390305800007		
32	Angelescu, Nicoleta; Coanda, Henri George ; Caciula, Ion; Dragoi, Catalin; Albu, Felix, SQL Query Optimization in Content Based Image Retrieval Systems, IEEE 11th International Conference on Communications (COMM) Location: Bucharest, ROMANIA Date: JUN 09-11, 2016, pp. 395-398, ISBN:978-1-4673-8197-0, WOS:000383221900082		
	Popescu D., <b>Ichim L.</b> , Gornea D., Complex image processing using correlated color information, Advanced Concepts for Intelligent Vision Systems ACIVS, J. Blanc - Talon et al. (Eds.): ACIVS 2016, Lecce, Italy, 24-27 October, 2016, LNCS 10016, pp. 723-734, DOI: 10.1007/978-3-319-48680-2_63, Print ISBN: 978-3-319-48679-6, Electronic ISBN: 978-3-319-48680-2, WOS:000390177400063.	1	2,67
33	Morar, A., Moldoveanu, F., Petrescu, L., Balan, O., Moldoveanu, A., Time-consistent segmentation of indoor depth video frames, 2017 40th International Conference on Telecommunications and Signal Processing, TSP 2017 2017-January, pp. 674-677, ISBN: 978-150903982-1, DOI: 10.1109/TSP.2017.8076072, WOS:000425229000143.		
	Popescu D., <b>Ichim L.</b> , Angelescu N., Ionita M. G., Improving texture based classification of aerial images by fractal features, 20th International Conference on Control Systems and Computer Science (CSCS 20), pp. 578–583, 2015, ISBN: 978-1-4799-1779-2 WOS: 000380375200084.	1	2,00
34	Wanguo Wang ; Yufu Wang ; Jun Han ; Yue Liu, Recognition and Drop-Off Detection of Insulator Based on Aerial Image, PROCEEDINGS OF 2016 9TH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND DESIGN (ISCID), VOL 1, International Symposium on Computational Intelligence and Design, Pages: 162-167, DOI: 10.1109/ISCID.2016.44, 2016, WOS:000401790500036, ISBN:978-1-5090-3558-8, ISSN: 2165-1701		
	Popescu D., <b>Ichim L.</b> , Stoican F., Unmanned aerial vehicle systems for remote estimation of flooded areas based on complex Image processing, Sensors, 17(3), 446, pp. 1-24, 2017, ISSN: 1424-8220, DOI:10.3390/s17030446, WOS: 000398818700019.	1	2,67
35	Berie, HT; Burud, I , Application of unmanned aerial vehicles in earth resources monitoring: focus on evaluating potentials for forest monitoring in Ethiopia, EUROPEAN JOURNAL OF REMOTE SENSING, vol. 51, no. 1, pp. 326-335, 2018, DOI: 10.1080/22797254.2018.1432993, WOS:000431815800027, ISSN: 2279-7254		

	Popescu D., <b>Ichim L.</b> , Intelligent image processing system for detection and segmentation of regions of interest in retinal images, Symmetry-Basel, pp. 1-25, 10(3), 73, 2018; DOI:10.3390/sym10030073 (Q2), ISSN: 2073-8994, WOS:000428515300022.	2	12,00
36	Long, JW , Feng, X , Zhu, XF; Zhang, JX ; Gou, GL, Efficient Superpixel-Guided Interactive Image Segmentation Based on Graph Theory, Symmetry-Basel, vol. 10, no. 5, 2018, DOI: 10.3390/sym10050169, ISSN: 2073-8994, WOS:000435196300042, (Q2) (conform JCR 2017)		
37	Sun, L.; Meng, X.C.; Xu, J.C.; Zhang, SG., An Image Segmentation Method Based on Improved Regularized Level Set Model, APPLIED SCIENCES-BASEL, Volume: 8 Issue: 12, Article Number: 2393, 2018, WOS:000455145000061.		
	<b>Ichim. L.</b> , Bleotu C., Diaconu C., Light scattering spectrophotometric device for cellular structure characterization, PROCEEDINGS OF THE ROMANIAN ACADEMY, Series A, vol. 5, no. 3, 2004.	1	2,66
38	Mihalache, D; Baran, V; Nicolin, AI., PROCEEDINGS OF THE ROMANIAN ACADEMY - SERIES A: AN ACCOUNT OF THE PHYSICS SECTION, ROMANIAN REPORTS IN PHYSICS, Volume: 70 Issue: 3, Article Number: 113, Published: 2018, WOS:000441918100001.		
	Drăgana C., Stamatescu G., Ichim L., Popescu D., Interlinking unmanned aerial vehicles with wireless sensor networks for improved large area monitoring, 4th International Conference on Control, Decision and Information Technologies (CoDIT), 5-7 April 2017, pp. 0359 - 0364, Barcelona, Spain, WOS: 000450826500062.	1	2,00
39	Chauhan, M., Thorwe, P.; Mukherjee, MJ; Rao, YS, Sensor Data Analysis Using Moving Average Filter and 256-Point FFT for Wireless Sensor Networks, 2018 9TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT), International Conference on Computing Communication and Network Technologies, Location: IISC, Bengaluru, India, Date: JUL 10-12, 2018, WOS:000448205000103.		
	Șumălan A.L., Popescu D., <b>Ichim L.</b> , Flood evaluation in critical areas by UAV surveillance, 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 30 June-2 July, 2016, pp. 1-6,WOS: 000402541200054.	2	10,64
40	Koohifar, F.; Guvenc, I.; Sichitiu, ML, Autonomous Tracking of Intermittent RF Source Using a UAV Swarm, IEEE ACCESS, Volume: 6 Pages: 15884-15897, 2018, WOS:000429980700001, DOI: 10.1109/ACCESS.2018.2810599, (Q1) (conform JCR 2017)		
41	Koda, S.; Zeggada, A; Melgani, F; Nishii, R., Spatial and structured SVM for multilabel image classification, IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, Volume: 56 Issue: 10 Pages: 5948-5960, 2018, WOS:000446300700030, DOI: 10.1109/TGRS.2018.2828862 (Q1) (conform JCR 2017)		

	Șumălan A.L., Popescu D., <b>Ichim L.</b> , Flooded Areas Detection Based on LBP from UAV Images, Recent Advances on Systems, Signals, Control, Communications and Computers, pp. 186-191, 2015.	1	5,32
42	Monica Rivas Casado, Tracy Irvine, Sarah Johnson, Marco Palma and Paul Leinster, The Use of Unmanned Aerial Vehicles to Estimate Direct Tangible Losses to Residential Properties from Flood Events: A Case Study of Cockermouth Following the Desmond Storm, Remote Sens. 2018, 10(10), 1548, WOS:000448555800048, (Q2) (conform JCR 2017)		
	<b>Ichim L.</b> , Popescu D., OPTIC DISC LOCALIZATION BASED ON FEATURE SORTING, Memoirs of the Scientific Sections of the Romanian Academy, Tome XXXIX, 2016, pp. 63-70, 2016	1	4,00
43	Muhammed, LA., Localizing Optic Disc in Retinal Image Automatically with Entropy Based Algorithm, INTERNATIONAL JOURNAL OF BIOMEDICAL IMAGING, Article Number: 2815163, 2018, WOS:000425430900001.		
	Marcu R., Danila I., Popescu D., Chenaru O., <b>Ichim L.</b> , Message queuing model for a healthcare hybrid cloud computing platform, Studies in Informatics and Control, vol. 26, no. 1, pp. 95-104, 2017, ISSN: 1220-1766, WOS:000400630300011.	1	1,60
44	Tache, IA ; Olteanu, SC, 3D Vessel Modelling and Experimental Platform of Blood Flow, STUDIES IN INFORMATICS AND CONTROL, Volume: 27 Issue: 4 Pages: 453-460, 2018, DOI: 10.24846/v27i4y201809, WOS:000455090400009		
	Stoican F., Prodan I., Popescu D., <b>Ichim L.</b> , Constrained trajectory generation for UAV systems using a B-spline parametrization, 25th Mediterranean Conference on Control and Automation (MED), 3-6 July, pp. 613-618, Valetta, Malta, 2017, WOS: 000426926300100.	1	2,00
45	Zafeiratou, I ; Nguyen, DVA; Prodan, I; Lefevre ; Pietrac, L, Flatness-based hierarchical control of a meshed DC microgrid, IFAC PAPERSONLINE, Volume: 51 Issue: 20 Pages: 222-227, 2018, DOI: 10.1016/j.ifacol.2018.11.017, WOS: WOS:000451092800033		
	<b>Ichim L.</b> , Popescu D., Retinal image segmentation based on weighted local detectors and confusion matrix, 40th International Conference on Telecommunications and Signal Processing (TSP), pp. 654-658, 5-7 July 2017, Barcelona, Spain, ISBN: 978-1-5090-3982-1, DOI: 10.1109/TSP.2017.8076068, WOS: 000425229000139.	1	8,00
46	Sun, B, Zuo, Z; Zeng, X; Liu, TC; Lu, Q, Movement Disorder Detection via Adaptively Fused Gait Analysis Based on Kinect Sensors, IEEE SENSORS JOURNAL, Volume: 18 Issue: 17 Pages: 7305-7314, DOI: 10.1109/JSEN.2018.2839732, 2018, Q2 (conform JCR 2017), WOS: WOS:000441935000044		

	Popescu D., <b>Ichim L.</b> , Aerial image segmentation by use of textural features, The 20th International Conference on System Theory, Control and Computing – ICSTCC 2016, 13-15 October 2016, Sinaia, Romania, 2016, pp. 721-726, ISBN: 978-1-5090-2720-0/16; WOS: 000391609900122	1	4,00
47	Broto, PE; Saputro, AH; Kushardono, D., Prediction of Paddy Field Area base on Aerial Photography using Multispectral Camera, 2017 INTERNATIONAL CONFERENCE ON SUSTAINABLE INFORMATION ENGINEERING AND TECHNOLOGY (SIET), pp. 425-429, 2017, WOS: WOS:000454844900078		
	Popescu D., Ichim L., Image recognition in UAV application based on texture analysis, S. Battiato et al. (Eds.): ACIVS 2015, Advanced Concepts for Intelligent Vision Systems, 26-29 October, Catania, Italy, LNCS 9386, pp. 693-704, 2015, ISBN: 978-3-319-25903-1; DOI: 10.1007/978-3-319-25903-1_60, WOS: 000374794500060.	3	16,00
48	Zeggada, A; Melgani, Bazi, Y, A Deep Learning Approach to UAV Image Multilabeling, IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, Volume: 14 Issue: 5 Pages: 694-698, 2017, WOS: 000399953800023 Q2 (JCR 2017)		
49	Draganescu, C ; Popa, C; Tundrea, AC, Context-aware Adaptive System for Intelligent Transport Management, 2017 21ST INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS), 2017, Pages: 379-384, WOS:000449004400052		
50	Tundrea, AC; Draganescu, C; Popa, C, Integrating Intelligent Transport Systems in a Risk Management System of Systems, 2017 21ST INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS), Pages: 385-391, 2017, WOS:000449004400053		
	<b>Total (A3.1.1)</b>	<b>50</b>	<b>199,45</b>

A3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI [4/nr. autori citati]	Citari Google	Punctaj
	Dobrescu R., <b>Ichim L.</b> , Using fractal dimension as discriminator of infected HeLa cells from spectrophotometric images, I. J. Functional Informatics and Personalised Medicine, vol. 1, no. 1, pp. 53–67, 2008, ISSN: 1756-2104.	2	4,00
1	Dobrescu, R., Popescu, D., Image processing applications based on texture and fractal analysis I, Image Processing: Concepts, Methodologies, Tools, and Applications, 1-3, pp. 235-259, 2013, ISBN: 978-146663995-9;1466639946;978-146663994-2, DOI: 10.4018/978-1-4666-3994-2.ch014 Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84944545815&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84944545815&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=</a>		

2	<p>Dobrescu, R., Popescu, D., Image processing applications based on texture and fractal analysis II, Applied Signal and Image Processing: Multidisciplinary Advancements, pp. 226-250, 2011, ISBN: 978-160960477-6, DOI: 10.4018/978-1-60960-477-6.ch014, Sursa: Scopus</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84867922931&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=1&amp;citeCnt=5&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84867922931&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=1&amp;citeCnt=5&amp;searchTerm=</a></p>		
	<p>Dobrescu R., Vasilescu C., <b>Ichim L.</b>, Fractals and scaling analysis in tumor growth evaluation, WSEAS Transactions on Systems, vol. 6, no. 1, pp. 102-108, 2007 ISSN:1109-2777.</p>	6	8,00
3	<p>Dobrescu, R., Popescu, D., Image processing applications based on texture and fractal analysis I, Image Processing: Concepts, Methodologies, Tools, and Applications, 1-3, pp. 235-259, 2013, ISBN: 978-146663995-9;1466639946;978-146663994-2, DOI: 10.4018/978-1-4666-3994-2.ch014</p> <p>Sursa: Scopus</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84944545815&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84944545815&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=</a></p>		
4	<p>Dobrescu, R., Popescu, D., Image processing applications based on texture and fractal analysis II, Applied Signal and Image Processing: Multidisciplinary Advancements, pp. 226-250, 2011, ISBN: 978-160960477-6, DOI: 10.4018/978-1-60960-477-6.ch014,Sursa: Scopus</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84867922931&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=1&amp;citeCnt=5&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84867922931&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84898587263&amp;src=s&amp;imp=t&amp;sid=4b05c9d8c803248fbb8007170db66496&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=1&amp;citeCnt=5&amp;searchTerm=</a></p>		
5	<p>Dobrescu, R., Dobrescu, M., Mocanu, S., Popescu, D., Malignant skin lesions detection based on texture and fractal image analysis, Proceedings of the 10th WSEAS International Conference on Multimedia Systems and Signal Processing, MUSP '10 pp. 21-26, 2010, ISBN: 978-960474176-2</p> <p>Sursa: Scopus</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-79952602808&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=2&amp;citeCnt=4&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-79952602808&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=2&amp;citeCnt=4&amp;searchTerm=</a></p>		

6	Dobrescu, R., Dobrescu, M., Mocanu, S., Popescu, D., Medical images classification for skin cancer diagnosis based on combined texture and fractal analysis, WSEAS Transactions on Biology and Biomedicine, 7 (3), pp. 223-232, 2010, ISSN: 11099518, Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-77954705614&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=4&amp;citeCnt=19&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-77954705614&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=4&amp;citeCnt=19&amp;searchTerm=</a>		
7	F. Garaventa, V. Piazza, A. Zovko, T. Turk, E. Chelossi, C. Falugi, M.G. Aluigi, C. Angelini, S. Trombino, L. Gallus, S. Ferrando, A. Albini, L. Paleari, K. Sepcic, M. Faimali, Multiple functions of the cholinesterase inhibiting polyalkylpyridinium salts extracted from the marine sponge, Haliclona sarai, WSEAS Transactions on Biology and Biomedicine, 7 (3), pp. 103-113, 2010, ISSN: 11099518 Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-77954721402&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=3&amp;citeCnt=6&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-77954721402&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=3&amp;citeCnt=6&amp;searchTerm=</a>		
8	Antonio, S.-H., Suemi, R.-R., Variable precision distance search for random fractalcluster simulations, WSEAS Transactions on Computers, 8 (8), pp. 1245-1255, 2009, ISSN: 11092750 Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-70450204240&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=5&amp;citeCnt=2&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-70450204240&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-33751575638&amp;src=s&amp;imp=t&amp;sid=65239b8ef48b65ce9fccf8bcb8bec331&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=5&amp;citeCnt=2&amp;searchTerm=</a>		
	Dobrescu R., Dobrescu M., <b>Ichim L.</b> , Improved content based image retrieval technique with fractal discriminator, WSEAS Transactions on Systems, vol. 5, no. 12, pp. 2781-2788, 2006, ISSN: 11092777.	1	1,33
9	Chang, H.-T., Web image retrieval systems with automatic web image annotating techniques, WSEAS Transactions on Information Science and Applications, 5 (8), pp. 1313-1322, 2008, ISSN: 17900832 Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-58149389370&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-37849185811&amp;src=s&amp;imp=t&amp;sid=b33a0bf59bd94a624f67fa8437884d09&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-58149389370&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-37849185811&amp;src=s&amp;imp=t&amp;sid=b33a0bf59bd94a624f67fa8437884d09&amp;sot=cite&amp;sd t=a&amp;sl=0&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=</a>		
	Popescu D., <b>Ichim L.</b> , Angelescu N., Ionita M. G., Improving texture based classification of aerial images by fractal features, 20th International Conference on Control Systems and Computer Science (CSCS 20), pp. 578–583, 2015, ISBN: 978-1-4799-1779-2 WOS: 000380375200084.	1	1,00

10	Nicoleta Angelescu, Henri George Coanda, Ion Caciula, Catalin Dragoi, Felix Albu, SQL query optimization in Content Based Image Retrieval systems, 2016 International Conference on Communications (COMM), pp. 395-398, 2016, DOI: 10.1109/ICComm.2016.7528344, Electronic ISBN: 978-1-4673-8197-0 Sursa: IEEE Xplore <a href="https://ieeexplore.ieee.org/document/7528344">https://ieeexplore.ieee.org/document/7528344</a>		
	Popescu D., <b>Ichim L.</b> , Caramihale, T., Computer — Aided localization of the optic disc based on textural features, 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE 2015), pp. 307–312, 2015, ISBN: 978-1-4799-7514-3 WOS:000368159800057.	2	2,66
11	Nicoleta Angelescu, Henri George Coanda, Ion Caciula, Catalin Dragoi, Felix Albu, SQL query optimization in content based image retrieval systems, 2016 International Conference on Communications (COMM), pp. 395-398, 2016, DOI: 10.1109/ICComm.2016.7528344, Electronic ISBN: 978-1-4673-8197-0 Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84991691437&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84991691437&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=</a>		
12	Escorcia-Gutierrez, J., Torrents-Barrena, J., Romero-Aroca, P., Valls, A., Puig, D., Interactive optic disk segmentation ia discrete convexity shape knowledge using high-order functionals, Frontiers in Artificial Intelligence and Applications, Volume 288, 2016, Pages 39-44, ISSN: 09226389 ISBN: 978-161499695-8, DOI: 10.3233/978-1-61499-696-5-3, Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84988527193&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=10&amp;citeCnt=5&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84988527193&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=10&amp;citeCnt=5&amp;searchTerm=</a>		
	Dobrescu R., <b>Ichim L.</b> , Fractal dimension of Mie scattering spectra for the appraisal of infected HeLa cells in cultures, IEEE 7th International Symposium on Bioinformatics & Bioengineering (IEEE BIBE 2007), Conference Center of Harvard Medical School, Boston, Massachusetts, USA, October 14-17, vol. II, pp. 908–913, 2007, ISBN: 1-4244-1509-8 DOI: 10.1109/BIBE.2007.4375667.	1	1,33
13	"To 60th anniversary of Professor Pestrikov Viktor Mikhaylovich", Microwave and Telecommunication Technology (CriMiCo) 20th International Crimean Conference, pp. M-M, Sevastopol, Ukraine, 13-17 Sepember, 2010, DOI: 10.1109/CRMICO.2010.5632378, Print ISBN: 978-1-4244-7184-3, CD-ROM ISBN: 978-966-335-334-0 Sursa: IEEE Xplore <a href="https://ieeexplore.ieee.org/document/5632378">https://ieeexplore.ieee.org/document/5632378</a>		

	Popescu D., <b>Ichim L.</b> , Caramihale T., Texture based method for automated detection, localization and evaluation of the exudates in retinal images, 22nd International Conference on Neural Information Processing (ICONIP 2015), 9-12 November, Istanbul, Turkey, S. Arik et al. (Eds.): ICONIP 2015, Part IV, LNCS 9492, pp. 463–472, 2015, ISBN: 978-3-319-26560-5, WOS: 000373889900055.	1	1,33
14	Nicoleta Angelescu, Henri George Coanda, Ion Caciula, Catalin Dragoi, Felix Albu, SQL query optimization in content based image retrieval systems, 2016 International Conference on Communications (COMM), pp. 395-398, 2016, DOI: 10.1109/ICComm.2016.7528344, Electronic ISBN: 978-1-4673-8197-0, Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84991691437&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84991691437&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84939553870&amp;src=s&amp;imp=t&amp;sid=d499e2e6a4b9b0f10c2546372c14c69c&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=</a>		
	<b>Ichim L.</b> , Popescu D., Cirneanu St., Combining blood vessel segmentation and texture analysis to improve optic disc detection, The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015, Iași, Romania, November 19-21, pp. 1-4, 2015, ISBN: 978-1-4673-7544-3 WOS: 000380397900012.	2	2,66
15	Intaramanee, T., Rasmeequan, S., Chinnasarn, K., Jantarakongkul, B., Rodtook, A., Optic disc detection via blood vessels origin using Morphological end point, 4th IGNITE Conference and 2016 International Conference on Advanced Informatics: Concepts, Theory and Application, ICAICTA 2016, ISBN: 978-150901636-5, DOI: 10.1109/ICAICTA.2016.7803126, Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85011292013&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84978047724&amp;src=s&amp;imp=t&amp;sid=127d79546ce8ba9062353235ab03ea60&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=2&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85011292013&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84978047724&amp;src=s&amp;imp=t&amp;sid=127d79546ce8ba9062353235ab03ea60&amp;sot=cite&amp;dt=a&amp;sl=0&amp;relpos=2&amp;citeCnt=1&amp;searchTerm=</a>		
16	Abhinand Poosarala, Jayashree R, Uniform Classifier for Biometric Ear and Retina Authentication Using Smartphone Application, ICVISP 2018 Proceedings of the 2nd International Conference on Vision, Image and Signal Processing Article No. 58 , Las Vegas, NV, USA — August 27 - 29, 2018, ISBN: 978-1-4503-6529-1, doi.10.1145/3271553.3271618, Sursa: ACM. <a href="https://dl.acm.org/citation.cfm?id=3271618">https://dl.acm.org/citation.cfm?id=3271618</a>		
	Popescu D., Stoican F., <b>Ichim L.</b> , Control and optimization of UAV trajectory for aerial coverage in photogrammetry applications, Advances in Electrical and Computer Engineering, vol. 16, no. 3, pp. 99-106, 2016, DOI: 10.4316/AECE.2016.03014, ISSN: 1582-7445, e-ISSN: 1844-7600, WOS:000384750000014.	2	2,66
17	Gianluca Casagrande, Opportunities, Small Flying Drones, pp. 47-89, 2017, DOI: 10.1007/978-3-319-66577-1_3, Print ISBN: 978-3-319-66576-4, Online ISBN: 978-3-319-66577-1, Sursa: Springerlink <a href="https://www.springer.com/la/book/9783319665764">https://www.springer.com/la/book/9783319665764</a>		



18	Gianluca Casagrande, Davide Del Gusto, Concepts and Issues, Small Flying Drones, 2017 pp 13-45, DOI: 10.1007/978-3-319-66577-1_2, Print ISBN: 978-3-319-66576-4, Online ISBN: 978-3-319-66577-1, Sursa: Springelink <a href="https://www.springer.com/la/book/9783319665764">https://www.springer.com/la/book/9783319665764</a>		
	Jarnea A.D., Dobrescu R., Popescu D., <b>Ichim L.</b> , Advanced driver assistance system for overtaking maneuver on a highway, The 19th International Conference on System Theory, Control and Computing – ICSTCC 2015, 14-16 October 2015, pp. 759-764, Caile Gradistei - Fundata, Romania, ISBN: 978-1-4799-8481-7 DOI: 10.1109/ICSTCC.2015.7321385, WOS: 00038238410012.	1	1
19	Siddharth Bansal, Fatemeh Alimardani, John S. Baras, Model-Based Systems Engineering Applied to the Trajectory Planning for Autonomous Vehicles, 2018 IEEE International Systems Engineering Symposium (ISSE), 1-3 Oct. 2018, Rome, Italy, DOI: 10.1109/SysEng.2018.8544452, Electronic ISBN: 978-1-5386-4446-1, Sursa: Scopus <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85059987265&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84957831440&amp;src=s&amp;imp=t&amp;sid=6926303cdb47d7502852abc1290df81a&amp;sot=cite&amp;sd=a&amp;sl=0&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85059987265&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-84957831440&amp;src=s&amp;imp=t&amp;sid=6926303cdb47d7502852abc1290df81a&amp;sot=cite&amp;sd=a&amp;sl=0&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a>		
	Mihai V., Drăgana C., Stamatescu G., Popescu D., <b>Ichim L.</b> , Wireless sensor network architecture based on fog computing, 5th International Conference on Control, Decision and Information Technologies (CoDIT), 10-13 April 2018, Thessaloniki, Greece, pp. 743-747, 2018 Electronic ISBN: 978-1-5386-5065-3, Electronic ISSN: 2576-3555.	1	0,8
20	Stefan Mocanu, Giorgiana Geampalia, Oana Chenaru, Radu Dobrescu, Fog-Based Solution for Real-Time Monitoring and Data Processing in Manufacturing, DOI: 10.1109/ICSTCC.2018.8540783, Conference: 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), 10-12 Oct. 2018, Sinaia, Romania, DOI: 10.1109/ICSTCC.2018.8540783, ISSN: 2372-1618, Sursa: IEEE Xplore. <a href="https://ieeexplore.ieee.org/document/8540783">https://ieeexplore.ieee.org/document/8540783</a>		
	Cirneanu S., Ichim L., Popescu D., Accurate localization of the optic disc based on LBP descriptors, 40th International Conference on Telecommunications and Signal Processing (TSP), pp. 678-681, 5-7 July 2017, Barcelona, Spain, ISBN: 978-1-5090-3982-1, DOI: 10.1109/TSP.2017.8076073, WOS: 000425229000144.	1	1,33
21	Zaiwang Gu, Shanshan Jiang, Jimmy Lee, Jiang Liu, Jianyang Xie, Jun Cheng, Jiang Liu, Automatic Localization of Optic Disc using Modified U-Net, Proceeding ICCCV '18 Proceedings of the 2018 International Conference on Control and Computer Vision Pages 79-83, Singapore, June 15 - 18, 2018, ISBN: 978-1-4503-6470-6, doi:10.1145/3232651.3232671, Sursa: ACM. <a href="https://dl.acm.org/citation.cfm?id=3232671">https://dl.acm.org/citation.cfm?id=3232671</a>		
	<b>Total (A3.1.2)</b>	<b>21</b>	<b>28,10</b>

<b>A3.2.1</b>	<b>Prezentari invitate in plenul unor manifestari stiintifice internationale si profesor invitat [10p/activitate]</b>	<b>Punctaj</b>	
	<b>Total (A3.2.1)</b>	<b>0,00</b>	

<b>A3.2.2</b>	<b>Prezentari invitate in plenul unor manifestari stiintifice nationale si profesor invitat [5p/activitate]</b>	<b>Punctaj</b>	
	<b>Total (A3.2.2)</b>	<b>0,00</b>	

<b>A3.3.1</b>	<b>Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI [10p]</b>	<b>Punctaj</b>	
1	<p>Organizator sesiune speciala la 39th International Conference on Telecommunications and Signal Processing (TSP) cu titlul „Monitoring and Control Based on Image Processing, June 27-29, 2016, Vienna, Austria,  <a href="http://tsp.vutbr.cz/">http://tsp.vutbr.cz/</a>;  <a href="http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=51236&amp;copyownerid=34221">http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=51236&amp;copyownerid=34221</a>;</p> <p>Organizator sesiune speciala: la 40th International Conference on Telecommunications and Signal Processing (TSP) cu titlul „Monitoring and Control Based on Image Processing, 5-7 Jul, 2017, Barcelona, Spania,  <a href="http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=71785&amp;copyownerid=34221">http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=71785&amp;copyownerid=34221</a></p> <p>Organizator sesiune speciala la 41st International Conference on Telecommunications and Signal Processing (TSP) cu titlul „Monitoring and Control Based on Image Processing, 4-6 Jul, 2018, Athens, Greece,  <a href="http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=59371">http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=59371</a></p>	30	
2	<p>Organizator sesiune invitată la The 19th International Conference on System Theory, Control and Computing - ICSTCC 2015 cu titlul „Monitoring and Control Based on Image Processing, 14-16 October, Căile Grădiștei - Fundata, Romania;  <a href="http://www.aie.ugal.ro/invsessions">http://www.aie.ugal.ro/invsessions</a>;</p> <p>Organizator sesiune invitată la The 20th International Conference on System Theory, Control and Computing - ICSTCC 2016 cu titlul „Monitoring and Control Based on Image Processing,, 13-15 October, Sinaia, Romania,  <a href="http://ace.ucv.ro/icstcc2016/invited.php">http://ace.ucv.ro/icstcc2016/invited.php</a>;</p> <p>Organizator sesiune invitată la The 21th International Conference on System Theory, Control and Computing - ICSTCC 2017 cu titlul „Monitoring and Control Based on Image Processing,, 19-21 October, Sinaia, Romania,  <a href="http://www.icstcc2017.ac.tuiasi.ro/authors/invited-sessions/">http://www.icstcc2017.ac.tuiasi.ro/authors/invited-sessions/</a></p>	30	

3	<p>Organizator sesiune invitata la 25th Mediterranean Conference on Control and Automation (MED) cu titlul „Integrating Wireless Sensor Networks in Distributed Control Systems”, 3-6 Jul, 2017, Valletta, Malta,  <a href="https://controls.papercept.net/conferences/conferences/MED17/program/MED17_ContentListWeb_2.html#wect1">https://controls.papercept.net/conferences/conferences/MED17/program/MED17_ContentListWeb_2.html#wect1</a>;</p> <p>Organizator sesiune invitata la 26th Mediterranean Conference on Control and Automation (MED) cu titlul „Integrating Wireless Sensor Networks in Distributed Control Systems”, Zadar, Croatia, June 19-22, 2018,  <a href="http://controls.papercept.net/conferences/conferences/MED18/program/MED18_ContentListWeb_4.html#frib04">http://controls.papercept.net/conferences/conferences/MED18/program/MED18_ContentListWeb_4.html#frib04</a></p>	20
4	<p>Organizator sesiune invitata, membru in comitetul de program, editor la 19th International Conference on Image Analysis and Processing cu titlul Imaging Solutions for Improving the Quality of Life (I-LIFE'17), 11 -15 sept. 2017, Catania, Italy; <a href="http://www.iciap2017.com/program/#special-sessions">http://www.iciap2017.com/program/#special-sessions</a></p>	10
5	<p>Organizator sesiune invitată la 4th International Conference on Control, Decision and Information Technologies (CoDIT) cu titlul Intelligent Wireless Sensor Networks for Monitoring, Diagnosis and Control (IWSN'17), 5-7 April, 2017, Bracelona, Spania, <a href="http://codit2017.com/index.php/special-sessions">http://codit2017.com/index.php/special-sessions</a></p>	10
<b>Total (A3.3.1)</b>		<b>100,00</b>

<b>A3.3.2</b>	<b>Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, indexate BDI [6p]</b>	<b>Punctaj</b>
1	<p>Organizator sesiune invitată la 5th International Conference on Control, Decision and Information Technologies (CoDIT) cu titlu: “Intelligent Wireless Sensor Networks for Monitoring, Diagnosis and Control (IWSN'18)”, 10-13 April 2018, Thessaloniki, Greece , <a href="http://www.icstcc.ugal.ro/2018/index.php/invited-sessions">http://www.icstcc.ugal.ro/2018/index.php/invited-sessions</a></p>	6
2	<p>Organizator sesiune invitată la The 22th International Conference on System Theory, Control and Computing - ICSTCC 2018 cu titlul "Complex Data Processing for Monitoring and Diagnosis”,10-12 October, Sinaia, România, <a href="http://www.icstcc.ugal.ro/2018/index.php/invited-sessions">http://www.icstcc.ugal.ro/2018/index.php/invited-sessions</a></p>	6
<b>Total (A3.3.2)</b>		<b>12,00</b>

<b>A3.3.3</b>	<b>Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, nationale si internationale neindexate [6p]</b>	<b>Punctaj</b>

	<b>Total (A3.3.3)</b>	<b>0,00</b>
--	-----------------------	-------------

A3.4.1	Premii in domeniu - Academia Romana, ASTR, academiilor de ramura, premii internationale [15p]	Punctaj
1		
	<b>Total (A3.4.1)</b>	<b>0,00</b>

A3.4.2	Premii in domeniu - premii nationale in domeniu [5p]	Punctaj
1	Premiu pentru articole publicate in anul 2017/UEFISCDI: Popescu D., <b>Ichim L.</b> , Stoican F., Unmanned aerial vehicle systems for remote estimation of flooded areas based on complex Image processing, Sensors, 17(3), 446, pp. 1-24, 2017, DOI:10.3390/s17030446, WOS: 000398818700019.	5
2	Premiu pentru articole publicate in anul 2018/UEFISCDI: Popescu D., <b>Ichim L.</b> , Intelligent image processing system for detection and segmentation of regions of interest in retinal images, Symmetry-Basel, pp. 1-25, 10(3), 73, 2018; ISSN: 2073-8994, DOI:10.3390/sym10030073, WOS:000428515300022.	5
	<b>Total (A3.4.2)</b>	<b>10,00</b>