

Autorul tezei de abilitare: Ivanovici Laurențiu-Mihail

Titlul tezei de abilitare: Analiza Texturilor Color și Multispectrale. Modele, Trăsături și Aplicații

Domeniul: Inginerie electronică și telecomunicații

Fișa de verificare a îndeplinirii standardelor minimale

A1 - Activitate didactică și profesională		
A1.1.1 Cărți/monografii/capitole ca autor - internaționale	Factor de impact sau echivalent	Punctaj
M. Ivanovici, N. Richard, D. Paulus – "Color Image Segmentation", in Advanced Color Image Processing and Analysis, editor Christine Fernandez-Maloigne, Springer, New York, 978-1-4419-6189-1, 2012	nu	25,00
M. Ivanovici, R. Beuran, "Correlating QoE and QoS for Network Applications", in "Quality of Service Architectures for Wireless Networks: Performance, Metrics and Management", Editors: S. Adibi, R. Jain, S. Parekh, M. Tofighbakhsh, IGI-Global Publishing, 978-1-61520-680-3, 2010	nu	25,00
A1.1.2 Cărți/monografii/capitole ca autor - naționale	Factor de impact sau echivalent	Punctaj
M. Ivanovici, "Color and Multispectral Texture Image Analysis – Models, Features and Applications", Transilvania University Press, ISBN 978-606-19-0587-4, 2015	nu	20,00
M. Ivanovici, "Computer Network Emulation for Quality of Experience Assessment", Transilvania University Press, ISBN 978-606-19-0586-7, 2015	nu	20,00
A1.2.1 Material didactic / lucrari didactice - Manuale didactice	Factor de impact sau echivalent	Punctaj
R. Andonie, A. Cațaron, H. Gâlmeanu, M. Ivanovici, L. Sasu, "Algoritmi și Structuri de Date pentru Imagistică și Bioinformatică. Note de curs", Editura Universității Transilvania din Brașov, 978-606-19-0206-4, 2013	nu	10,00
P.N. Borza, L.M. Ivanovici, "Analiza și prelucrarea la distanță a semnalelor și imaginilor medicale", Editura UT Press, Cluj-Napoca, 978-973-662-889-4, 2013	nu	10,00
R. Andonie, A. Cațaron, Z. Gaspar, H. Gâlmeanu, M. Ivanovici, I. Lorentz, L. Sasu, "Algoritmi și Structuri de Date. Aplicații în Imagistică și Bioinformatică", Editura Universității Transilvania din Brașov, 978-606-19-0058-9, 2012	nu	10,00
C. Kertesz, M. Ivanovici "Prelucrarea Digitala a Semnalelor – Indrumar de laborator", Editura Universitatii Transilvania din Brasov, 2009	nu	10,00
M. Ivanovici, "Procesarea Imaginilor - indrumar de laborator", Editura Universitatii Transilvania din Brasov, 978-973-635-674-2, 2006	nu	10,00
Total A1		140,00

A2 - Activitatea de cercetare		
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI	Factor de impact ISI sau echivalent	Punctaj
A. Caliman, M. Ivanovici, N. Richard, "Probabilistic pseudo-morphology for grayscale and color images", PATTERN RECOGNITION, vol. 47, nr. 2, pag. 721-735, Feb. 2014 (WOS:000329413000020)	2,584	25,56
R. Coliban, M. Ivanovici, I. Szekeley, "Texture characterization and image segmentation using Haar patterns and evolutionary processes", 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM), Pages: 980-985, MAY 22-24, 2014, Romania (WOS:000343551300144)	0,25	10,00
A. Ledoux, N. Richard, A.S. Capelle-Laize, M. Ivanovici, "Vector texture features for colour images: construction and elements of comparison", 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM), Pages: 980-985, MAY 22-24, 2014, Romania (WOS:000343551300143)	0,25	7,50
A. Caliman, M. Ivanovici, R.M. Coliban, "Pseudo-granulometry and morphological covariance for color psoriasis image segmentation", E-Health and Bioengineering Conference (EHB), 2013 (WOS:000346672900161)	0,25	10,00
M. Ivanovici, D. Stoica - "Color Diffusion Model for Active Contours - An Application to Skin Lesion Segmentation", 34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC, San Diego, August 28 - September 1, 2012 (WOS:000313296505139)	0,25	15,00
M. Ivanovici, N. Richard, "Colour Fractal Dimension of Colour Fractal Images", IEEE TRANSACTIONS ON IMAGE PROCESSING, vol. 20, nr. 1, pag. 227-235, 2011 (WOS:000285514800019)	3,111	43,61
A. Căliman, M. Ivanovici, N. Richard - "Fractal feature-based Color Image Segmentation for a Health Care Application in Dermatology", International Conference on e-Health and Bioengineering, EHB 2011, Iasi, Romania, November 24-26, 2011 (WOS:000304806300066)	0,25	10,00
M. Ivanovici, N. Richard, C. Fernandez-Maloigne, "Towards Video Quality Metrics based on Colour Fractal Geometry", EURASIP Journal of Image and Video Processing, 2010 (WOS:000285112800001)	0,662	12,75
G. Danciu, M. Ivanovici, V. Buzuloiu - "Improved Contours for ToF Cameras based on Vicinity Logic Operations", The 12th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'10, Brasov, Romania, 20-22 May, 2010 (WOS:000291967300146)	0,25	10,00
M. Ivanovici, S. Savu - "The Quality of Multiple VoIP Calls in an Encrypted Wireless Network", The 12th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'10, Brasov, Romania, 20-22 May, 2010 (WOS:000291967300157)	0,25	15,00
M. Ivanovici, N. Richard, "The Lacunarity of Colour Fractal Images", ICIP'09 IEEE International Conference on Image Processing, Cairo, Egypt, November 7-11, 2009 (WOS:000280464300114)	0,25	15,00
M. Ivanovici, N. Richard, H. Decean - "Fractal Dimension and Lacunarity of Psoriatic Lesions - A Colour Approach", Recent Advances in Biomedical Electronics and Biomedical Informatics, Proceedings of the 2nd WSEAS International Conference on Biomedical Electronics and Biomedical Informatics (BEBI'09), Moscow, Russia, August 20-22, pp. 199-202, 2009 (WOS:000273246200034)	0,25	10,00

M. Ivanovici, V. Scurtu, "Optical disc detection in retinal images", 11th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, ROMANIA, VOL IV Pages: 119-124, 2008 (WOS:000258474700022)	0,25	15,00
S.M. Batraneanu, A. Al-Shabibi, M.D. Ciobotaru, M. Ivanovici, L. Leahu, B. Martin, S.N. Stancu, "Operational Model of the ATLAS TDAQ Network", IEEE TRANSACTIONS ON NUCLEAR SCIENCE, Vol. 55, Issue 2, pp. 687-694, April 2008 (WOS:000254888500005)	1,455	7,73
S.M. Batraneanu, A. Al-Shabibi, M.D. Ciobotaru, M. Ivanovici, L. Leahu, B. Martin, S.N. Stancu, "Operational Model of the ATLAS TDAQ Network", 15th IEEE/NPSS Real-Time Conference 2007 Location: Batavia, IL Date: APR 29-MAY 04, 2007, Pages: 563-570 (WOS:000253415900110)	0,25	4,29
M. Ivanovici, R. Beuran, "User-perceived Quality Assessment for Multimedia Applications", The 10th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'06, vol. IV, pp. 55-60, Brasov, Romania, May 18-19, 2006 (WOS:000256419100012)	0,25	15,00
M. Ivanovici, R. Beuran, N. Davies, "Assessing Application Performance in Degraded Network Environments: an FPGA-based approach", Communicating Process Architectures, Eindhoven, Netherlands, September 18-21, 2005 (WOS:000273736500024)	0,25	10,00
K. Korcyl, G. Sladowski, R. Beuran, R. W. Dobinson, C. Meirosu, M. Ivanovici, M. L. Maia, "Network performance measurements as part of feasibility studies on moving part of the ATLAS Event Filter to off-site Institutes", First European Across Grids Conference, Santiago de Compostela, Spain, February 2003, LECTURE NOTES IN COMPUTER SCIENCE, Vol. 2970, pag. 206-213, 2004 (WOS:000189444400026)	0,25	4,29
A2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)	Factor de impact ISI sau echivalent	Punctaj
V. Comanenea, M. Ivanovici, R. Andonie, "Feature Extraction from Satellite Image: a GPU-based Machine Learning Approach", 2014 Conference on Big Data from Space (BiDS '14), 12-14 November 2014, ESRIN, Frascati, Italy (EU Bookshop http://dx.doi.org/10.2788/1823 JRC publication repository http://publications.jrc.ec.europa.eu/repository/handle/JRC92115)	nu	6,67
R. Coliban, M. Ivanovici, "Color and Multispectral Texture Characterization Using Pseudo-Morphological Tools", IEEE International Conference on Image Processing (ICIP 2014), Paris, France, October 27-30, 2014 (DBLP, IEEEExplore http://dx.doi.org/10.1109/ICIP.2014.7025126)	nu	10,00
R. Andreiu, R. Coliban, A. Cataron, M. Ivanovici, Pattern-Based Rough Segmentation of Satellite Images Using Evolutionary Algorithms, ESA-EUSC-JRC 2014 Image Information Mining Conference: The Sentinels Era, Bucuresti, 3-5 mar. 2014, (EU Bookshop http://dx.doi.org/10.2788/25852 JRC publication repository http://publications.jrc.ec.europa.eu/repository/handle/JRC89010)	nu	5,00
A. Caliman, M. Ivanovici, N. Richard, G. Toacse, "A Multivariate Mathematical Morphology Based on Orthogonal Transformation, Probabilistic Extrema Estimation and Distance Optimization", Mathematical Morphology and Its Applications to Signal and Image Processing, Lecture Notes in Computer Science, Vol. 7883, 2013, pp 255-266, Springer Berlin Heidelberg, 2013 (Springer Link http://link.springer.com/chapter/10.1007/978-3-642-38294-9_22)	nu	5,00
B. Budescu, A. Caliman, M. Ivanovici, "The Correlation Dimension: A Video Quality Measure", Mobile Multimedia Communications, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, Vol. 79, 2012, pp 55-64, Springer Berlin Heidelberg, 2012 (Springer Link http://link.springer.com/chapter/10.1007%2F978-3-642-30419-4_5)	nu	6,67
A. Căliman, M. Ivanovici – "Psoriasis Image Analysis Using Color Lacunarity", The 13th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'12, Brasov, Romania, May 24-26, 2012, IEEEExplore http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6231850&tag=1	nu	10,00
Z. Gaspar, D. Stoica, M. Ivanovici – "Color Diffusion Model Acceleration on GPUs", The 13th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'12, Brasov, Romania, May 24-26, 2012, IEEEExplore http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6231879	nu	6,67
G.M. Danciu, S.M. Banu, M. Ivanovici – "Scale and Rotation-Invariant Feature Extraction for Color Images of Iris Melanoma", The 13th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM'12, Brasov, Romania, May 24-26, 2012, IEEEExplore http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6231886	nu	6,67
M. Ivanovici, A. Caliman, N. Richard, C. Fernandez-Maloigne, Towards a multivariate probabilistic morphology for colour images, CGIV 2012 6th European Conference on Colour in Graphics, Imaging, and Vision, Amsterdam, the Netherlands; May 2012; p. 189-193; ISBN / ISSN: 978-0-89208-299-5 (imaging.org, IST http://www.imaging.org/IST/store/epub.cfm?abstrid=45408)	nu	5,00
V. Nica, M. Ivanovici, M. Preda, nDimensional camera sensors, INTERNATIONAL ORGANISATION FOR STANDARDISATION ISO/IEC JTC1/SC29/WG11 CODING OF MOVING PICTURES AND AUDIO MPEG2012/M26808 October 2012, Shanghai, China (ISO MPEG standard contribution)	nu	6,67
A. Caliman, M. Ivanovici, N. Richard, Colour fractal dimension for psoriasis image analysis, EURASIP Signal Processing and Applied Mathematics for Electronics and Communications SPAMEC 2011, Google Scholar http://scholar.google.com/citations?view_op=view_citation&hl=en&user=kObLYTAAAAJ&citation_for_view=kObLYTAAAAJ:lJCSpb-OGe4C http://www.urasip.org/Proceedings/Ext/SPAMEC2011/papers/SPAMEC_2011_VI_4.pdf	nu	6,67
M. Turiac, M. Ivanovici, T. Radulescu, V. Buzuloiu, "Variance-driven active contours", Proceedings of the 2010 International Conference on Image Processing, Computer Vision, and Pattern Recognition, IPCV 2010, DBLP http://dblp.uni-trier.de/pers/hd/t/Turiac:Madalina_Scopus	nu	5,00
M. Ivanovici, N. Richard - "Colour Covering Blanket", IPCV'10 - International Conference on Image Processing, Computer Vision and Pattern Recognition, Monte Carlo Resort, Las Vegas, Nevada, USA, July 12-15, 2010 DBLP Scopus http://www.scopus.com/record/display.url?eid=2-s2.0-84864951777&origin=resultslist&sort=plf-f&src=s&st1=Colour+Covering+Blanket&sid=4B278A373B387A7C9DB3DC010233F566.I0QkqbljGqLQ4Nw7dqZ4A%3a180&sot=b&sdt=b&sl=38&s=TITLE-ABS-KEY%28Colour+Covering+Blanket%29&relpos=2&relpos=2&citeCnt=0&searchTerm=TITLE-ABS-KEY%28Colour+Covering+Blanket%29	nu	10,00

M. Ivanovici, N. Richard, C. Fernandez-Maloigne - "Colour Fractal Analysis for Video Quality Assessment", CGIV 2010 - 5th European Conference on Colour in Graphics, Imaging and Vision, Joensuu, Finland, June 14-18, 2010, http://www.imaging.org/IST/store/epub.cfm?abstrid=44003 , SCOPUS http://www.scopus.com/record/display.url?eid=2-s2.0-78649363785&origin=resultslist&sort=plf-f&src=s&st1=Colour+Fractal+Analysis+for+Video+Quality+Assessment&sid=4B278A373B387A7C9DB3DC010233F566.100kqbljGqqLQ4Nw7dqZ4A%3a350&ot=b&sdt=b&sl=67&s=TITLE-ABS-KEY%28Colour+Fractal+Analysis+for+Video+Quality+Assessment%29&relpos=1&relpos=1&citeCnt=0&searchTerm=TITLE-ABS-KEY%28Colour+Fractal+Analysis+for+Video+Quality+Assessment%29	nu	6,67
M. Ivanovici, S. Savu - "Measuring the User-perceived Quality for VoIP Applications in Encrypted Wireless Networks", Scientific Bulletin of University "POLTEHNICA" Bucharest, C Series (Electrical Engineering), nr. 2, 2010, ISSN 1454-234x, June 2010 ResearchGate http://www.researchgate.net/publication/249790717_User-Perceived_Quality_Assessment_for_VoIP_Applications http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full4272.pdf	nu	10,00
M. Ivanovici, N. Richard, V. Buzuloiu, "Colour Fractal Image Generation", IPCV'09 International Conference on Image Processing, Computer Vision and Pattern Recognition, Monte Carlo Resort, Las Vegas, Nevada, USA, July 13-16, 2009 (DBLP http://dblp.uni-trier.de/pers/hd/i/Ivanovici:Mihai)	nu	6,67
S. Oprisescu, C. Burlacu, V. Buzuloiu, M. Ivanovici, "Action Recognition for Simple and Complex Actions using Time of Flight Cameras", IPCV'09 International Conference on Image Processing, Computer Vision and Pattern Recognition, Monte Carlo Resort, Las Vegas, Nevada, USA, July 13-16, 2009 DBLP http://dblp.uni-trier.de/pers/hd/i/Ivanovici:Laurentiu=Mihail	nu	5,00
M. Ivanovici, P. Borza, L. Nedelcu, H. Decean, C. Falup, M. Romanca, I. Szekely - "Prospects for the Design of an E-health System for Monitoring Patients with Diabetes and Stroke", WSEAS 2009 International Conferences, Applied Computing Conference ACC'09, Special Session on New Trends in Developing Services in Medicine and Life Sciences (MeLiS), Athens, Greece, September 28-30, 2009 ACM http://dl.acm.org/citation.cfm?id=1949100	nu	2,86
M. Ivanovici, N. Richard, H. Decean, "Fractal Dimension and Lacunarity of Psoriatic Lesions - A Colour Approach", EHB'09 International Conference on e-Health and Bioengineering, Constanta, Romania, September 17-18 th , 2009 (Google Scholar http://scholar.google.com/citations?view_op=view_citation&hl=en&user=kObLYtwAAAAJ&citation_for_view=kObLYtwAAAAJ:zYLM7Y9cAGgC)	nu	6,67
B. Martin, A. Al-Shabibi, S.M. Batraneanu, M.D. Ciobotaru, G.L. Darlea, M. Ivanovici, L. Leahu, S.N. Stancu, "Advanced monitoring techniques for a large-scale data-processing network", Campus-Wide Information Systems - The International Journal of Information and Learning Technology, Vol. 25, issue 5, pp. 287-300, 2008 Emerald http://www.emeraldinsight.com/doi/full/10.1108/10650740810921448	nu	2,50
M. Ivanovici, "Objective Performance Evaluation for MPEG-4 Video Streaming Applications", Scientific Bulletin of University "Politehnica" Bucharest, C Series (Electrical Engineering), vol. 67, nr. 3, pp. 55-64, 2005 CiteSeer http://citeseerx.ist.psu.edu/showciting?cid=25639537	nu	20,00
M. Ciobotaru, M. Ivanovici, R. Beuran, S. Stancu, "Versatile FPGA-based Hardware Platform for Gigabit Ethernet Applications", 6th Annual Postgraduate Symposium on The Convergence of Telecommunications, Networking and Broadcasting, Liverpool, UK, June 27-28, pp. 391-395, 2005 ResearchGate http://www.researchgate.net/publication/228642683_Versatile_FPGA-based_Hardware_Platform_for_Gigabit_Ethernet_Applications	nu	5,00
R. Beuran, M. Ivanovici, V. Buzuloiu, "File Transfer Performance Evaluation", Scientific Bulletin of University "POLTEHNICA" Bucharest, C Series (Electrical Engineering), vol. 66, no. 2-4, 2004, pp. 3-14 http://www.scientificbulletin.upb.ro/SeriaC_-_Inginerie_Electrica_si_Stiinta_Calculatoarelor.php	nu	6,67
R. Beuran, M. Ivanovici, "User-Perceived Quality Assessment for VoIP Applications", CERN-OPEN-2004-007, CERN, Geneva, Switzerland, January 2004 CERN OPEN http://cds.cern.ch/record/727234?ln=en	nu	10,00
R. Beuran, M. Ivanovici, N. Davies, B. Dobinson, "Evaluation of the Delivery QoS Characteristics of Gigabit Ethernet Switches", CERN-OPEN-2005-002, CERN, Geneva, Switzerland, December 2004 CERN OPEN http://cds.cern.ch/record/820768?ln=en	nu	5,00
R. Beuran, M. Ivanovici, B. Dobinson, N. Davies, P. Thompson, "Network Quality of Service Measurement System for Application Requirements Evaluation", International Symposium on Performance Evaluation of Computer and Telecommunication Systems, July 20-24, 2003, Montreal, Canada, pp. 380-387 CiteSeer http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.498.9805	nu	4,00
A2.4.1.1 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - internaționale	Factor de impact ISI sau echivalent	Punctaj
IEEE SPS Summer School on Intensive Program on Computer Vision (IPCV 2014), competiție SPS seasonal schools, finanțator:IEEE International LLC NrContract: 5860/21.05.2014	nu	20,00
A2.4.1.2 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - naționale	Factor de impact ISI sau echivalent	Punctaj
Experimentul ATLAS de la LHC, PNII CAPACITATI Modulul III, ROMANIA-CERN, contract nr. 7/03.01.2012, Bugetul de Stat - Autoritatea Nationala pentru Cercetare Stiintifica, responsabil partener P5, 2014-2015	nu	20,00
Tehnici de Analiza, Modelare si Simulare pentru Imagistica, Bioinformatica si Sisteme Complexe, POS-DRU/86/1.2/S/61756, fonduri structurale, 2010 - 2013 http://www.proiecte-structurale.ro/POS-DRU/Tehnici-de-Analiza-Modelare-si-Simulare-pentru-Imagistica-Bioinformatica-si-Sisteme-Complexe-plD4459.html	nu	30,00
Studii Avansate de Prelucrarea și Analiza Imaginilor, PN-II-ID-SSA-2012-2-016, finanțator: UEFISCDI, contract nr. 9/3.08.2012	nu	10,00
A2.4.2.1 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - internaționale	Factor de impact ISI sau echivalent	Punctaj
titlu:Erasmus Intensive Programme "Telemonitoring and Telediagnostic for Life Sciences" 12-EIP-RO BRASOV01-BIS, nr.6/31/08.2012 Coordonator - Universitatea Transilvania din Brasov Valoaregrant:25167 perioada:20122013 finanțator:EU Erasmus Intensive Programe nrctr:12-EIP-RO BRASOV01-BIS, nr.6/31/08.2012	nu	4,00
MorFISM: morphologie et fractales pour l'image specialisee et multimedia (proiect FEDER no. 33073-2010, France)	nu	4,00
Testing and Validation for Predictable Networking using a High-Performance Newtork Emulator, Project No: PPA/I/S/2002/00653, funded by Particle Physics and Astronomy Research Council (PPARC) 2004-2005	nu	8,00

A2.4.2.2 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - naționale	Factor de impact ISI sau echivalent	Punctaj
Sistem inteligent de asistare automată a diagnosticului în cancerul cervical - PN-II-PT-PCCA-2013-4-0202, contract nr. 7/2014, finanțator UEFISCDI, 2014-2016	nu	4,00
Burse doctorale pentru cercetarea de excelență, POSDRU/159/1.5/S/134378, Responsabil grup tinta, 2014-2015	nu	4,00
Cresterea atractivității și performanței programelor de formare doctorală și postdoctorală pentru cercetători în științe inginerești - ATTRACTING, POSDRU/159/1.5/S/137070, Asistent implementare proiect la partener, 2014-2015	nu	4,00
Program multi-regional de studii masterale în domeniul eActivități - eSTART, ID 54956, POSDRU/86/1.2/S/54956	nu	6,00
Sistem integrat de management a informațiilor medicale utilizând standardul HL7 - SIMIMED (PN2, D1-1-019/14.09.2007)	nu	6,00
Managementul creșterii mobilității urbane și modalități de implementare a soluțiilor durabile menint să satisfacă cerințele sociale și economice de perspectivă, în traficul rutier - MOB-URBIS, Contract CEEX Cod MEC 1589, nr. X2C34, AMTRANS, conf. MEC-ANCS nr. 10909/19.09.2006) - 2007	nu	2,00
Contribuții la construcția, testarea și evaluarea potențialului de investigare al detectorului ATLAS, PNII CORINT, ROMANIA-CERN	nu	2,00
Total A2	11,31	545,74

A3 - Recunoașterea și impactul activității		
A3.1.1 Citări în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI	citări	Punctaj
Citari ale articolului: M. Ivanovici, N. Richard, "Fractal Dimension of Color Fractal Images", IEEE Transactions on Image Processing, 2011		
Li Yi-bing, Nie Wei, Ye Fang, A Pulse Signal Characteristic Recognition Algorithm Based on Multifractal Dimension, Mathematical Problems in Engineering, Volume 2014 (2014), Article ID 376586 http://www.hindawi.com/journals/mpe/2014/376586/ WOS:000346714800001	1	4,00
E. Gonzalez-Rufino et al. "Exhaustive comparison of colour texture features and classification methods to discriminate cells categories in histological images of fish ovary", Pattern Recognition, Volume 46, Issue 9, September 2013, Pages 2391–2407 http://www.sciencedirect.com/science/article/pii/S0031320313001015 WOS:000318837400001	1	4,00
S. Talu "Multifractal Geometry in Analysis and Processing of Digital Retinal Photographs for Early Diagnosis of Human Diabetic Macular Edema", CURRENT EYE RESEARCH, vol. 38, no. 7, pages: 781-792, http://informahealthcare.com/doi/abs/10.3109/02713683.2013.779722 WOS:000319754700010	1	4,00
C. Cusano et al. "Illuminant Invariant Descriptors for Color Texture Classification", Computational Color Imaging, Lecture Notes in Computer Science Volume 7786, 2013, pp 239-249 http://link.springer.com/chapter/10.1007/978-3-642-36700-7_19 WOS:000342983600019	1	4,00
C.M. Lopez et al. "A new set of wavelet- and fractals-based features for Gleason grading of prostate cancer histopathology images", Proc. SPIE 8655, Image Processing: Algorithms and Systems XI, February 19, 2013 SPIE http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1654367 WOS:000320305600040	1	4,00
A.R. Backes et al. "Color texture analysis based on fractal descriptors", Pattern Recognition, Volume 45, Issue 5, May 2012, Pages 1984–1992 http://www.sciencedirect.com/science/article/pii/S0031320311004614 WOS:000301017700015	1	4,00
A. Ledoux et al. "Limits and comparisons of orderings using colour distances", TRAITEMENT DU SIGNAL, Volume: 29, Issue: 1-2, Pages: 65-82 http://ts.revuesonline.com/article.jsp?articleId=17565 WOS:000309030200005	1	4,00
E. Yu et al. "Detection of Prostate Cancer on Histopathology using Color Fractals and Probabilistic Pairwise Markov Models", Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC, 2011 http://dx.doi.org/10.1109/IEMBS.2011.6090927 WOS:000298810002287	1	4,00
Citari ale articolului: M. Ivanovici, R. Beuran, "User-Perceived Quality Assessment for Multimedia Applications", OPTIM 2006		
Dynamic Contention Window Control Scheme in IEEE 802.11e EDCA-Based Wireless LANs, IEICE Transactions on Communications, 2010 https://www.jstage.jst.go.jp/article/transcom/E93.B/1/E93.B_1_56/article WOS:000274506000008	1	4,00
Dynamic Contention Window Control Scheme in IEEE 802.11e Wireless LANs, IEEE Vehicular Technology Conference, VTC 2009 http://dx.doi.org/10.1109/VETECS.2009.5073514 WOS:000273169201126	1	4,00
Citari ale articolului: M. Ivanovici, D. Stoica, "Color Diffusion Model for Active Contours - An Application to Skin Lesion Segmentation", IEEE EMBC 2011		
R. Fu et al. "Digital separation of diaminobenzidine-stained tissues via an automatic color-filtering for immunohistochemical quantification", BIOMEDICAL OPTICS EXPRESS, Volume: 6, Issue: 2, Pages: 544-558 http://www.opticsinfobase.org/boe/abstract.cfm?URI=boe-6-2-544&origin=search WOS:000349455700021	1	4,00
Citari ale articolului: S.M. Batraneanu, A. Al-Shabibi, M.D. Ciobotaru, M. Ivanovici, L. Leahu, B. Martin, S.N. Stancu, "Operational model of the ATLAS TDAQ network", IEEE TRANSACTIONS ON NUCLEAR SCIENCE		
A. Anghel et al. "Scalable High Resolution Traffic Heatmaps: Coherent Queue Visualization for Datacenters", TRAFFIC MONITORING AND ANALYSIS, TMA 2014, Lecture Notes in Computer Science, Volume: 8406, Pages: 26-37 http://link.springer.com/chapter/10.1007%2F978-3-642-54999-1_3 WOS:000343037800003	1	1,14
Citari ale articolului: R. Beuran, M. Ivanovici, B. Dobinson, N. Davies, P. Thompson, "Network Quality of Service Measurement System for		
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Citari ale articolului: M. Ivanovici, V. Scurtu, "Optical disc detection in retinal images", OPTIM 2008		

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Citari ale capitolului: M. Ivanovici, N. Richard, D. Paulus, "Color Image Segmentation", Springer 2013		
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A3.1.2. Citări în cărți, reviste și volume ale unor manifestări științifice - BDI		Punctaj
Citari ale articolului M. Ivanovici, N. Richard, "Fractal Dimension of Color Fractal Images", IEEE Transactions on Image Processing 2011		
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C. Mosquera-Lopez et al. "Computer-aided Prostate Cancer Diagnosis from Digitized Histopathology: A Review on Texture-based Systems", IEEE Reviews in Biomedical Engineering, 2014 IEEEXplore http://dx.doi.org/10.1109/RBME.2014.2340401	1	2,00
B. Ionescu et al. "An audio-visual approach to web video categorization", Multimedia Tools and Applications, May 2014, Volume 70, Issue 2, pp 1007-1032 Springer http://link.springer.com/article/10.1007/s11042-012-1097-x	1	2,00
Citari ale articolului: M. Ivanovici, R. Beuran, "User-Perceived Quality Assessment for Multimedia Applications", OPTIM 2006		
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R. Beuran et al. "WLAN emulation on StarBED", IET International Conference on Wireless, Mobile and Multimedia Networks, 2006 IEEEXplore http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5195550&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5195550	1	2,00
Citari ale articolului: R. Beuran and M. Ivanovici, "User-perceived quality assessment for VoIP applications" CERN 2004		
J.C. Granda et al., "Quality assessment of speech codecs in synchronous e-learning environments", IEEE International Conference on Multimedia and Expo (ICME), 2011, IEEEXplore http://dx.doi.org/10.1109/ICME.2011.6011959	1	2,00
R. Beuran et al. "Application Performance Assessment on Wireless Ad Hoc Networks", Technologies for Advanced Heterogeneous Networks II, Lecture Notes in Computer Science Volume 4311, 2006, pp 128-138, http://link.springer.com/chapter/10.1007/11930181_10	1	2,00
Citari ale articolului: R. Beuran, M. Ivanovici, B. Dobinson, N. Davies, P. Thompson, "Network Quality of Service Measurement System for Application Requirements Evaluation", SPECTS 2003		
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L. Oborkhale et al. "A Hybrid Technique for Quality of Service Evaluation of Cellular Wireless Networks", International Journal of Advanced Research in Computer Science, May/June 2012, Vol. 3 Issue 3, p62, EBSCO http://connection.ebscohost.com/c/articles/91876569/hybrid-technique-quality-service-evaluation-cellular-wireless-networks	1	0,80
C. Chien-nan et al. "Modeling the qoe of rate changes in SKYPE/SILK VoIP calls", Proceedings of the 20th ACM international conference on Multimedia, pages 119-128, ACM New York, 2012 http://dl.acm.org/citation.cfm?id=2393370	1	0,80
A.B. de Souza et al. "A management scheme of SRLG-disjoint protection path", IFIP/IEEE International Symposium on Integrated Network Management, 2009, IEEEXplore http://dx.doi.org/10.1109/INM.2009.5188861	1	0,80
A.B. de Souza et al. "GEAP: A Fault Management Scheme in Optical Networks", AICT '08. Fourth Advanced International Conference on Telecommunications, 2008, IEEEXplore http://dx.doi.org/10.1109/AICT.2008.64	1	0,80
R. Beuran et al. "Application Performance Assessment on Wireless Ad Hoc Networks", Technologies for Advanced Heterogeneous Networks II, Lecture Notes in Computer Science Volume 4311, 2006, pp 128-138, http://link.springer.com/chapter/10.1007/11930181_10	1	0,80
Citari ale articolului: A. Caliman, M. Ivanovici, N. Richard, "Probabilistic Pseudo-Morphology for Grayscale and Color Images", Pattern Recognition, 2014		
Elementary Morphological Operations on the Spherical CIELab Quantale Marcos Eduardo Valle1(!) and Raul Ambrozio Valente2, 12th International Symposium On Mathematical Morphology, ISMM 2015, 27-29 May 2015, Reykjavik, Iceland http://link.springer.com/chapter/10.1007%2F978-3-319-18720-4_32#	1	1,33
A3.2.1. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat		Punctaj
Universite de Poitiers, Franța, Bursă regională Poitou-Charentes profesor/cercetător invitat 2014		10,00
Universite de Poitiers, Franța, Bursă regională Poitou-Charentes profesor/cercetător invitat 2010		10,00
Universite de Poitiers, Franța, Bursă regională Poitou-Charentes profesor/cercetător invitat 2008		10,00
A3.3.1. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate - ISI		Punctaj

OPTIM 2010 12th International Conference on Optimization of Electrical and Electronic Equipment, track chair http://apps.webofknowledge.com/Search.do?product=UA&SID=T17rbvBIh5VG1bmtoEq&search_mode=GeneralSearch&prID=2dfb9a4f-50ba-4e96-a9e8-85722142459f		10,00
Recenzor IEEE TRANSACTIONS ON IMAGE PROCESSING		10,00
Recenzor IEEE SIGNAL PROCESSING LETTERS		10,00
Recenzor PATTERN RECOGNITION		10,00
Recenzor PATTERN RECOGNITION LETTERS		10,00
Recenzor International Journal of Applied Mathematics and Computer Science		10,00
Recenzor Journal of Selected Topics in Applied Earth Observations and Remote Sensing		10,00
Recenzor EURASIP JOURNAL OF IMAGE AND VIDEO PROCESSING		10,00
A3.3.2. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate - BDI		Punctaj
International Conference on Image and Signal Processing ICISP 2014, Cherbourg, Normandy, France, Jun 30, 2014 - Jul 2, 2014, Member of the Program Committee, proceedings Springer http://www.springer.com/us/book/9783319079974		6,00
European Signal Processing Conference EUSIPCO 2014, member of reviewing committess, proceedings IEEEXplore http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6937054		6,00
OPTIM 2014 14th International Conference on Optimization of Electrical and Electronic Equipment, special session chair IEEEXplore http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6844298		6,00
OPTIM 2012 13th International Conference on Optimization of Electrical and Electronic Equipment, session chair, IEEEXplore http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6224228		6,00
The 2009 International Conference on Image Processing, Computer Vision, and Pattern Recognition IPCV 2009, co-chair la 2 sesiuni, proceedings DBLP http://dblp1.uni-trier.de/db/conf/ipcv/ipcv2009.html		6,00
The 6th International Conference on Speech Technology and Human-Computer Dialogue "SpeD 2011", organizator local IEEEXplore http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=5929232		6,00
Recenzor IET Image Processing		6,00
Total A3		240,21

TOTAL A1 + A2 + A3		925,95
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Condiții minimale pentru profesor/abilitare	Minim	Obținut
A1 >= 100	100	140,00
A2 >= 500	500	545,74
A3 >=100	100	240,21
A1.1.1-A1.1.2 Cărți și capitole în cărți de specialitate >= 4	4	4
A1.2.1-A1.2.2 Material didactic/lucrari didactice >= 2	2	5
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI >= 12	12	18
A2.4.1 Granturi/proiecte câștigate prin competiție ca director sau responsabil >= 2	2	4
A3.1.1-A3.1.2 Numar de citări în cărți, reviste și conferințe BDI sau ISI >= 20	20	35
Factor de impact cumulat pentru publicatii >= 6	6	11,31