

## SZILÁGYI Sándor Miklós

### Impactul rezultatelor

	Citări	Punctaj
Categoria A	48	254,66
Categoria B	47	122,66
Categoria C	58	76,50
Categoria D	307	200,00
Total	460	653,82

Minim 120 puncte, realizate.

Minim 40 puncte din foruri de categoria A sau B, realizate.

Lucrare citată		Autori	Punctaj	
Szilágyi L, Benyó Z, Szilágyi SM, Adam HS: MR brain image segmentation using an enhanced fuzzy c-means algorithm. 25th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Cancún (Mexico) 724–726 (2003), ISBN: 0-7803-7789-3.		4	265	
Lucrare care citează		Categoria	Justificare	Punctaj
[A-1] Abadpour A: A sequential Bayesian alternative to the classical parallel fuzzy clustering model. Information Sciences 318:28-47, 2015, ISSN: 0020-0255		A	Poziția 157, lista jurnale 2013	4
[A-2] Benaïchouche AN, Oulhadj H, Siarry P: Multiobjective improved spatial fuzzy c-means clustering for image segmentation combining Pareto-optimal clusters. Journal of Heuristics, available online 5 November 2014, DOI: 10.1007/s10732-014-9267-9, ISSN 1381-1231, IF: 1.359		A	Poziția 191, lista jurnale 2013	4
[A-3] Cai WL, Chen SC, Zhang DQ: Fast and robust fuzzy c-means clustering algorithms incorporating local information for image segmentation, Pattern Recognition 40:825-838, 2007, ISSN 0031-3203, IF: 2.632		A	Poziția 242, lista jurnale 2013	4
[A-4] Di Martino F, Loia V, Sessa S: A segmentation method for images compressed by fuzzy transforms. Fuzzy Sets and Systems 161(1):56-74, 2010, ISSN 0165-3375, IF: 1.749		A	Poziția 95, lista jurnale 2013	4
[A-5] Fan XC, Ju L, Wang XQ, Wang S: A fuzzy edge-weighted centroidal Voronoi tessellation model for image segmentation. Computers & Mathematics with Applications, available online 28 November 2015, doi: 10.1016/j.camwa.2015.11.003, ISSN 0898-1221, IF: 1.70		A	Poziția 65, lista jurnale 2013	4
[A-6] Feng J, Jiao LC, Zhang XR, Gong MG, Sun T: Robust non-local fuzzy c-means algorithm with edge preservation SAR image segmentation. Signal Processing 93(2):487-499, 2013, ISSN 0165-1684, IF: 1.851		A	Conform serviciului web, anul 2014, Domeniul: Computer Science	4

[A-7] Gong MG, Liang Y, Shi J, Ma WP, Ma JJ: Fuzzy c-means clustering with local information and kernel metric for image segmentation. IEEE Transactions on Image Processing 22(2):573-584, 2013, ISSN 1057-7149, IF: 3.199	A	Poziția 123, lista jurnale 2013	4
[A-8] Gordillo N, Montseny E, Sobrevilla P: State of the art survey on MRI brain tumor segmentation, Magnetic Resonance Imaging 31(8):1426-1438, 2013, ISSN 0730-725X, IF: 2.060	A	Conform serviciului web, anul 2014 Domeniul: Engineering	4
[A-9] He LH, Wen Y, Wang M: Multi-channel Features based Automated Segmentation of Diffusion Tensor Imaging using An Improved FCM with Spatial Constraints. Neurocomputing 137:107–114, 2014, ISSN 0925-2312, IF: 2.005	A	Poziția 234, lista jurnale 2013	4
[A-10] He YY, Yousuf Hussaini M, Ma JW, Shafei B, Steidl G: A new fuzzy c-means method with total variation regularization for segmentation of images with noisy and incomplete data. Pattern Recognition 45(9):3463-3471, 2012, ISSN 0031-3203, IF: 2.632	A	Poziția 242, lista jurnale 2013	4
[A-11] Ji ZX, Xia Y, Chen Q, Sun QS, Xia DS, Feng DD: Fuzzy c-means clustering with weighted image patch for image segmentation. Applied Soft Computing Journal 12(6):1659-1667, 2012, ISSN 1568-4946, IF: 2.140	A	Poziția 26, lista jurnale 2013	4
[A-12] Krinidis S, Chatzis V: A robust fuzzy local information c-means clustering algorithm. IEEE Transactions on Image Processing 19(5):1328-1337, 2010, ISSN 1057-7149, IF: 3.109	A	Poziția 123, lista jurnale 2013	4
[A-13] Li H, Ma JJ, Gong MG, Jiang QZ, Jiao LC: Change detection in synthetic aperture radar images based on evolutionary multiobjective optimization with ensemble learning. Memetic Computing 7(4):275-289, 2015, ISSN 1865-9284, IF: 1.000	A	Poziția 223, lista jurnale 2013	4
[A-14] Li H, Gong MG, Wang Q, Liu J, Su LZ: A multiobjective fuzzy clustering method for change detection in SAR images. Applied Soft Computing Journal, available online 27 November 2015, doi: 10.1016/j.asoc.2015.10.044, ISSN 1568-4946, IF: 2.140	A	Poziția 26, lista jurnale 2013	4
[A-15] Liao L, Lin TS, Li B: MRI brain image segmentation and bias field correction based on fast spatially constrained kernel clustering approach. Pattern Recognition Letters 29:1580–1588, 2008, ISSN 0167-8655, IF: 1.266	A	Poziția 243, lista jurnale 2013	4
[A-16] Mukherjee S, Majumder BP, Piplai A, Das S: A novel fuzzy non-homogeneity measure based kernelized image segmentation for noisy images. IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2014, Beijing), pp. 245-252, 2014, ISBN: 978-1-4799-2073-0	A	Poziția 133, lista conferințe 2013	4
[A-17] Tian XL, Jiao LC, Yi L, Zhang XH: The SAR image segmentation superpixel-based with optimized spatial information. IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2014, Beijing), pp. 171-177, 2014, ISBN: 978-1-4799-2073-0	A	Poziția 133, lista conferințe 2013	4
[A-18] Tran DC, Wu ZJ, Tran VH: Fast generalized fuzzy c-means using particle swarm optimization for image segmentation. International Conference on Neural Information Processing (ICONIP 2014, Kuching, Malaysia), LNCS vol. 8835, pp. 263-270, 2014, ISBN: 978-3-319-12639-5	A	Poziția 217, lista conferințe 2013	4

[A-19] Wang Q, Li H, Gong MG, Su LZ, Jiao LC: A multiobjective optimization method based on MOEA/D and fuzzy clustering for change detection in SAR images. IEEE Congress on Evolutionary Computation (IEEE CEC 2014, Beijing), pp. 3024-3029, 2014 ISBN: 978-1-4799-1488-3	A	Poziția 125, lista conferințe 2013	4
[A-20] Wang ZM, Soh YC, Song Q, Sim K: Adaptive spatial information-theoretic clustering for image segmentation, Pattern Recognition 42(9): 2029-2044, 2009, ISSN 0031-3203, IF: 2.632	A	Poziția 242, lista jurnale 2013	4
[A-21] Wang ZM, Song Q, Soh YC, Sim K: An adaptive spatial information-theoretic fuzzy clustering algorithm for image segmentation. Computer Vision and Image Understanding 117:1412-1420, 2013, ISSN 1077-3142, IF: 1.232	A	Poziția 57, lista jurnale 2013	4
[A-22] Wen P, Zhou J, Zheng L: A modified hybrid method of spatial credibilistic clustering and particle swarm optimization. Soft Computing 15(5):855-865, 2011, 1432-7643, IF: 1.124	A	Poziția 260, lista jurnale 2013	4
[A-23] Yang DD, Wang L, Hei XH, Gong MG: An efficient automatic SAR image segmentation framework in AIS using kernel clustering index and histogram statistics. Applied Soft Computing Journal 16:63-79, 2014, ISSN 1568-4946, IF: 2.140	A	Poziția 26, lista jurnale 2013	4
[A-24] Zhao F: Fuzzy clustering algorithms with self-tuning non-local spatial information for image segmentation, Neurocomputing 106:115-125, 2013, ISSN 0925-2312, IF: 1.634	A	Poziția 234, lista jurnale 2013	4
[A-25] Zhao F, Fan JL, Liu HQ: Optimal-selection-based suppressed fuzzy c-means clustering algorithm with self-tuning non local spatial information for image segmentation. Expert Systems with Applications 41(9):4083-4093, 2014, ISSN: 0957-4174, IF: 1.854	A	Poziția 85, lista jurnale 2013	4
[A-26] Zhao F, Liu HQ, Fan JL: A multiobjective spatial fuzzy clustering algorithm for image segmentation. Applied Soft Computing Journal 30:48-57, 2015, ISSN 1568-4946, IF: 2.679	A	Poziția 26, lista jurnale 2013	4
[A-27] Zhou H, Schaefer G, Shi C: A mean shift based fuzzy c-means algorithm for image segmentation. 30th Annual International Conference of IEEE EMBS, pp. 3091-3094, 2008, ISBN 978-1-4244-1814-5 (IEEEExplore)	A	Poziția 53, lista conferințe 2013	4
[A-28] Zhou H, Schaefer G, Sadka A, Celebi ME: Anisotropic mean shift based fuzzy c-means segmentation of dermoscopy images. IEEE J Selected Topics in Signal Processing, Special Issue on Digital Image Processing Techniques for Oncology 3(1):26-34, 2009, ISSN 1932-4553, IF: 3.297	A	Poziția 109, lista jurnale 2013	4
[A-29] Zhou DG, Zhou H: A modified strategy of fuzzy clustering algorithm for image segmentation. Soft Computing 19(11):3261-3272, 2015, ISSN 1432-7643, IF: 1.304	A	Poziția 260, lista jurnale 2013	4
[B-1] Alia OM, Mandava R, Aziz ME: A hybrid harmony search algorithm for MRI brain segmentation. Evolutionary Intelligence 4(1):31-49, 2011, ISSN 1864-5909	B	Poziția 353, lista jurnale 2013	2
[B-2] Balafar MA: Fuzzy c-mean based brain MRI segmentation algorithms. Artificial Intelligence Review 41:441-449, 2014, ISSN 0269-2821, IF: 1.565	B	Poziția 294, lista jurnale 2013	2
[B-3] Benaichouche AN, Oulhadj H, Siarry P: Improved spatial fuzzy c-means clustering for image segmentation using PSO initialization, Mahalanobis distance and post-segmentation correction. Digital Signal Processing 23(5):1390-1400, 2013, ISSN 1051-2004, IF: 1.918	B	Poziția 338, lista jurnale 2013	2

[B-4] Benyó B: Identification of dental root canals and their medial line from micro-CT and cone-beam CT records. <i>BioMedical Engineering OnLine</i> 11:81, pp. 1-17, 2012, ISSN 1475-925X, IF: 1.608	B	Conform serviciului web, anul 2014 Domeniul: Engineering	2
[B-5] Bong CW, Rajeswari M: Multiobjective clustering with metaheuristic: current trends and methods in image segmentation. <i>IET Image Processing</i> 6(1):1-10, 2012, ISSN 1751-9659, IF: 0.90	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-6] Du XX, Zare A, Gader P, Dranishnikov D: Spatial and Spectral Unmixing Using the Beta Compositional Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> 7(6):1994-2003, ISSN 1939-1404, IF: 2.874	B	Conform serviciului web, anul 2014 Domeniul: Earth and Planetary Sciences	2
[B-7] El-Melegy M, Mokhtar H: Incorporating prior information in the fuzzy c-means algorithm with application to brain tissues in MRI. 16 <sup>th</sup> IEEE International Conference on Image Processing (ICIP 2009 Cairo), pp. 3357-3360 (2009), ISBN 978-1-4244-5653-6 (IEEEExplore)	B	Poziția 174, lista conferințe 2013	2
[B-8] Foo JL, Miyano G, Lobe T, Winer E, Three-dimensional segmentation of tumors from CT image data using an adaptive fuzzy system. <i>Computers in Biology and Medicine</i> 62: 869-878, 2009, ISSN 0169-2607, IF: 1.162	B	Poziția 326, lista jurnale 2013	2
[B-9] Iftikhar MA, Jalil A, Rathore S, Ali A, Hussain M: An extended non-local means algorithm: Application to brain MRI. <i>International Journal of Imaging Systems and Technology</i> 24(4):293-305, 2014, ISSN: 0899-9457, IF: 0.64	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-10] Ji J, Wang KL: A robust nonlocal fuzzy clustering algorithm with between-cluster separation measure for SAR image segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> 7(12):4929-4936, 2014, ISSN 1939-1404, IF: 2.874	B	Conform serviciului web, anul 2014 Domeniul: Earth and Planetary Sciences	2
[B-11] Jia S, Li X, Guo F, Yang X: A fast and robust fcm algorithm with local information for image segmentation. <i>ICIC Express Letters</i> 9(3):869-874, 2015, ISSN 1881-803X	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-12] Jia SX, Zhang CM: Fast and robust image segmentation using an superpixel based FCM algorithm. <i>IEEE Int'l Conference on Image Processing (ICIP 2014, Paris)</i> , pp. 947-951, 2014	B	Poziția 174, lista conferințe 2013	2
[B-13] Schaefer G, Zhou H: Fuzzy clustering for color reduction in images. <i>Telecommunication Systems</i> 40:17-25, 2009, ISSN 1018-4864, IF: 1.027	B	Conform serviciului web, anul 2014 Domeniul: Engineering	2
[B-14] Tsai MJ, Chang HS: A color differentiated fuzzy c-means (CDFCM) based image segmentation algorithm. <i>IEEE Conference on Visual Communications and Image Processing (VCIP)</i> , pp. 1-5, 2012, ISBN 978-1-4673-4405-0 (IEEEExplore)	B	poziția 448, lista conferințe 2013	2
[B-15] Verma H, Agrawal RK, Kumar N: Improved fuzzy entropy clustering algorithm for MRI brain image segmentation. <i>International Journal of Imaging Systems and Technology</i> 24(4):277-283, 2014, ISSN: 0899-9457, IF: 0.64	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-16] Wen P, Zhou J, Zheng L: Hybrid methods of spatial credibilistic clustering and particle swarm optimization in high noise image segmentation. <i>International Journal on Fuzzy Systems</i> 10(3) 174-184, 2008, ISSN 1562-2479, IF: 1.51	B	Poziția 402, lista jurnale 2013	2

[B-17] Xu S, Hu L, Li C, Yang X, Liu XP: An unsupervised color-texture segmentation using two-stage c-means algorithm. Int'l Journal of Pattern Recognition and Artificial Intelligence 28(2):30pages, 2014, ISSN: 0218-0014	B	Poziția 414, lista jurnale 2013	2
[B-18] Yuan KH, Wu LW, Cheng QS, Bao SL, Chen C, Zhang HJ: A novel fuzzy c-means algorithm and its application. Int'l Journal of Pattern Recognition and Artificial Intelligence 19(8):1059-1066, 2005, ISSN 0218-0014 (Google Scholar)	B	Poziția 414, lista jurnale 2013	2
[B-19] Zhang X, Sun Y, Gao H: Improved fuzzy C-means clustering for medical image segmentation. ICIC Express Letters 9(6):1719-1725, 2015, ISSN 1881-803X	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-20] Zhang X, Zhang B, Song L, Li M: One novel algorithm for brain image segmentation based on image enlargement and fuzzy clustering. ICIC Express Letters 9(8):2089-2096, 2015, ISSN 1881-803X	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-21] Zhang Y, Wang CH, Xiao BH, Shi CZ: A new text extraction method incorporating local information. International Conference on Frontiers in Handwriting Recognition (ICFHR), pp. 252-255, 2012, ISBN 978-1-4673-2262-1 (IEEEExplore)	B	poziția 280, lista conferințe 2013	2
[B-22] Zhao ZX, Cheng LZ, Cheng GQ: Neighbourhood weighted fuzzy c-means clustering algorithm for image segmentation. IET Image Processing 8(3):150-161,2014,1751-9659, IF: 0.90	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-23] Zhao XM, Li Y, Zhao QH: Mahalanobis distance based on fuzzy clustering algorithm for image segmentation. Digital Signal Processing 43:8-16, 2015, ISSN 1051-2004, IF: 1.918	B	Poziția 338, lista jurnale 2013	2
[B-24] Zheng FH, Zhang CM, Zhang XF, Liu Y: A fast anti-noise fuzzy c-means algorithm for image segmentation. International Congerence on Image Processing (ICIP), pp. 2728-2732, 2013, (IEEEExplore)	B	Poziția 174, lista conferințe 2013	2
[B-25] Zou H, Du J, Li T: Medical image segmentation based on FCM with kernel function. ICIC Express Letters 7(12):3349-3354, 2013, ISSN 1881-803X	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[C-1] Alia OM, Mandava R, Aziz ME: A hybrid harmony search algorithm to MRI brain segmentation. 9th IEEE International Conference on Cognitive Informatics, ICCI 2010, pp. 712-719, ISBN 978-142448040-1	C	poziția 266, lista conferințe 2013	1
[C-2] Balafar MA: Spatial based Expectation Maximizing (EM). Diagnostic Pathology 6:103, 2011, ISSN 1746-1596, IF: 1.850	C	Conform serviciului web, anul 2014 Domeniul: Medicine	1
[C-3] Ji J, Wu ZP, Huang JJ: Fuzzy c-means clustering algorithm incorporating neighborhood relations for synthetic aperture radar image segmentation. Journal of Applied Remote Sensing 9(1):095076, 2015, ISSN 1931-3195	C	Conform serviciului web, anul 2014 Domeniul: Earth and Planetary Sciences	1
[C-4] Kharrat A, BenMessaoud M, Abid M: Brain tumour diagnostic segmentation based on optimal texture features and support vector machine classifier. International Journal of Signal and Imaging Systems Engineering 7(2):65-74, 2014, ISSN 1748-0698 (Google Scholar)	C	Conform serviciului web, anul 2014 Domeniul: Engineering	1
[C-5] Kharrat A, Abid M: Toward efficient segmentation of brain tumors based on support vector machine classifier through optimized RBF kernel parameters and optimal texture features. International Journal of Cognitive Informatics and Natural Intelligence 8(2):15-33, 2015, ISSN 1557-3958	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1

[C-6] Li XH, Zhang T, Qu Z: Image segmentation using fuzzy clustering with spatial constraints based on Markov random field via Bayesian theory. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences E91-A(3):723-729, 2008, ISSN 0916-8508, IF: 0.240	C	Poziția 668, lista jurnale 2013	1
[C-7] Liao L, Zhang Y: MRI image segmentation based on fast kernel clustering analysis. Frontiers of Electrical and Electronic Engineering in China 6(2):363-373, 2011, ISSN 1673-3460 (Springer)	C	Conform serviciului web, anul 2014 Domeniul: Engineering	1
[C-8] Liu J, Lu X, Li YP, Chen XW, Deng Y: A new method based on Dempster-Shafer theory and fuzzy c-means for brain MRI segmentation. Measurement Science and Technology 26(10):105402, 2015	C	Conform serviciului web, anul 2014 Domeniul: Mathematics	1
[C-9] Liu G, Ge W, Zhang C: A fuzzy clustering method for image segmentation based on hidden markov random field models. International Journal of Digital Content Technology and its Applications 6(21):347-356, 2012, ISSN 1975-9339 (Scopus)	C	Poziția 742, lista jurnale 2013	1
[C-10] Liu HQ, Zhao F: An adaptive non local spatial fuzzy image segmentation algorithm. In: Huang DS, Jiang CJ, Bevilacqua V, Figueroa JC: Intelligent Computing Technology. Lecture Notes in Computer Science, vol. 7389, pp. 373-378, 2012 (Springer, Scopus)	C	LNCS	1
[C-11] Liu H, Zhang C, Deng K, Su Z: Research on fast FCM pulmonary nodule segmentation algorithm using improved self-adaption. Journal of Computer-Aided Design and Computer Graphics 26(10):1727-1736, 2014, ISSN: 1003-9775	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1
[C-12] Lu W, Yan Z: Application in medical data mining of unmixed interval inductive based SPRINT algorithm. Journal of Computational Information Systems 10(5):1811-1819, 2014, ISSN 1553-9105	C	Poziția 862, lista jurnale 2013	1
[C-13] Moussaoui A, Benmahammed K, Frahta N, Chen V: A new MR brain image segmentation using an optimal semi-supervised fuzzy c-means and pdf estimation. Electronic Letters on Computer Vision and Image Analysis 5(4): 1-11, 2005, ISSN 1577-5097	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1
[C-14] Nguyen TM, Wu QMJ: A Fuzzy C-Means Based Spatial Pixel and Membership Relationships for Image Segmentation. Canadian Conference on Computer and Robot Vision (CRV) pp. 278-284, 2011, ISBN 978-1-61284-430-5 (IEEEExplore)	C	poziția 117, lista conferințe 2013	1
[C-15] Schaefer G: Soft computing-based colour quantization. EURASIP Journal on Image and Video Processing 2014(8):1-9, 2014, ISSN 1687-5281, IF: 0.570	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1
[C-16] Srivastava A, Asati A, Kumar S, Sharma Y, Bhattacharya M: Hybrid soft computing model for lesion identification and information combination: some case studies. Int'l Journal of Data Mining and Bioinformatics 6(3):335-353, 2012, ISSN 1748-5673, IF: 0.39	C	Poziția 740, lista jurnale 2013	1
[C-17] Sun YJ, Zhang XF, Ma YP, Wang ZF: Improved FCM schema for unsupervised ROI segmentation. Journal of Computational Information Systems 8(9):3671-3678, 2012, ISSN 1553-9105 (Scopus)	C	Poziția 862, lista jurnale 2013	1
[C-18] Tang WJ, Zhang CM, Zhang XF, Liu CJ: Medical image segmentation based on improved FCM. Journal of Computational Information Systems 8(2):887-894, 2012, ISSN 1553-9105 (Scopus)	C	Poziția 862, lista jurnale 2013	1
[C-19] Tian SR, Yin KY, Wang C, Zhang H: An SAR ATR method based on scattering centre feature and bipartite graph matching. IETE Technical Review (Taylor & Francis), available online 16 March 2015, doi: 10.1080/02564602.2015.1019941, ISSN 0256-4602, IF: 0.925	C	Conform serviciului web, anul 2014 Domeniul: Engineering	1

[C-20] Wang ZM, Song Q, Soh YC, Sim K: A robust information fuzzy clustering algorithm for medical image segmentation. Proc. IEEE International Conference on Granular Computing (GrC), pp. 509-514, 2010, ISBN 978-1-4244-7964-1 (IEEEExplore)	C	poziția 275, lista conferințe 2013	1
[C-21] Wang ZM, Song Q, Soh YC, Sim K: Improved adaptive spatial information clustering for image segmentation. In: Bebis G, et al (Eds): Advances in Visual Computing. Lecture Notes in Computer Science, vol. 5358, pp. 308-317, 2008, ISSN 0302-9743 (Springer, Scopus)	C	LNCS poziția 639, lista conferințe 2013	1
[C-22] Wang XN, Lin XB, Yuan Z: An Edge Sensing Fuzzy Local Information C-Means Clustering Algorithm for Image Segmentation. In: Huang DS, Jo KH, Wang L (Eds.): Intelligent Computing Methodologies, Springer, LNCS vol. 8589, pp. 230-240 (2014), ISBN: 978-3-319-09338-3.	C	LNCS	1
[C-23] Wen P, Zhou J, Zheng L, Chen X, Anderson B: Hybrid method of spatial credibilistic clustering and particle swarm optimization: Discussion and application. 6th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2009, Volume 3, pp 423-427, 2009, ISBN 978-0-7695-3735-1 (IEEEExplore)	C	poziția 463, lista conferințe 2013	1
[C-24] Xia J, Zhang C, Zhang X, Li X: A novel robust FCM algorithm combining local information on edge for image segmentation. Journal of Computer-Aided Design and Computer Graphics 26(12):2203-2213, 2014, ISSN: 1003-9775	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1
[C-25] Xuan SB, Liu YG, You ZS: Fisher fuzzy c-means clustering algorithm for MRI brain image segmentation with edges protection. Journal of Information and Computational Science 7(13):2771-2779, 2010, ISSN 1548-7741 (Scopus)	C	Poziția 898, lista jurnale 2013	1
[C-26] Yuan MK, Chen LP, Wang JQ, Zhao SG: S-function based novel fuzzy clustering algorithm for image segmentation. 8th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD 2011, Shanghai) pp. 1643-1646, 2011, ISBN 978-1-61284-180-9 (IEEEExplore)	C	poziția 463, lista conferințe 2013	1
[C-27] Zanaty EA, Aljahdali S, Karam M: Improving fuzzy c-means for MRIs segmentation. 26 <sup>th</sup> International Conference on Computer Applications in Industry and Engineering, CAINE 2013, pp. 211-216, 2013	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	1
[C-28] Zhang XF, Zhang CM, Pang S, Tang WJ: One stratified FCM for medical image segmentation. Journal of Information and Computational Science 8(15):3637-3645, 2011, ISSN 1548-7741 (Scopus)	C	Poziția 898, lista jurnale 2013	1
[C-29] Zhang XF, Song LH, Lei P: Improvement of FLICM for image segmentation. Journal of Computational Information Sciences 10(21):9429-9436, 2014, ISSN: 1553-9105	C	Poziția 862, lista jurnale 2013	1
[C-30] Zhang XF, Zhang CM, Zou HL, Zhang CH: One improved FCM for image segmentation based on pixel relevance. Advanced Science Letters 10(1):539-543, 2012, ISSN 1936-6612, IF: 1.253	C	Poziția 553, lista jurnale 2013	1
[C-31] Zhao F, Jiao L, Liu H: Fuzzy c-means clustering with non local spatial information for noisy image segmentation. Frontiers of Computer Science in China 5(1):45-56 (2011), ISSN 1673-7350 (Springer), IF: 0.298	C	Poziția 651, lista jurnale 2013	1

[C-32] Zhao F, Liu HQ, Fan JL: A multiobjective fuzzy clustering algorithm based on robust local spatial information for image segmentation. In: Sun CY, Fang F, Zhou ZH, Yang WK, Liu ZY (eds): Intelligence Science and Big Data Engineering. Lecture Notes in Computer Science 8261:505-512, 2013, 0302-9743 (Springer)	C	LNCS	1
[C-33] Zhong L, Zhang CM, Zhang XF, Zheng FH: One Framework of Interactive Image Segmentation Based on Improved FCM Algorithm. Journal of Computational Information Systems 8(18):7519-7525, 2012, ISSN 1553-9105 (Scopus)	C	Poziția 862, lista jurnale 2013	1
[C-34] Zhou H, Schaefer G: Fuzzy c-means variants for medical image segmentation. International Journal of Tomography and Statistics 13:3-18, 2010, ISSN 0973-7294 (Google Scholar)	C	Poziția 818, lista jurnale 2013	1
[D-1] Abisha Shiji GJ, Stanley BF: Fuzzy clustering with spatial information for image segmentation using kernel metric. Int J of Engineering Research and Applications (IJERA), Humming Bird 6:54-58, 2014, ISSN: 2248-9622	D	Jurnal nelistat (Google Scholar)	0,50
[D-2] AbouSora H, Ghoniemy S, Banwan SA, Zanaty EA, Afifi A: Improved fuzzy possibilistic c-means (IFPCM) algorithms for magnetic resonance images segmentation. Journal of Global Research in Computer Science 4(1):1-8, 2013, ISSN 2229-371X	D	Jurnal nelistat (Google Scholar)	0,50
[D-3] Alsmadi MK: A hybrid firefly algorithm with fuzzy c-mean algorithm for MRI brain segmentation. American Journal of Applied Sciences 11(9):1676-1691, 2014, ISSN: 1546-9239	D	Conform serviciului web, anul 2014 Domeniul: General	0,50
[D-4] Al-Taie A, Hahn HK, Linsen L: Improved bias-corrected fuzzy c-means segmentation of brain MRI data. International Journal of Hybrid Information Technology, 7(3):65-84, 2014, ISSN: 1738-9968 (Google Scholar)	D	Jurnal nelistat (Google scholar)	0,50
[D-5] Arun Prabha K, Malini P: An efficient algorithm for clustering of images using fuzzy local information c-means. The International Journal of Computer Science and Applications (TIJCSA) 1(11):39-50, 2013, ISSN 2278-1080 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-6] Balafar MA, Ramli AR, Mashohor S: Edge-preserving clustering algorithms and their application for MRI image segmentation. Proc. Int'l MultiConference of Engineers and Computer Scientists (IMECS 2010), Hong Kong, Vol. I, pp. 103-105, ISBN: 978-988-17012-8-2	D	Conferință nelistată (Google Scholar)	0,50
[D-7] Balafar MA, Ramli AR, Mashohor S, Farzan A: Compare different spatial based fuzzy c-means (FCM) extensions for MRI image segmentation. Proc. 2 <sup>nd</sup> Int'l Conference on Computer and Automation Engineering, ICCAE 2010, art. No. 5451302, pp. 609-611	D	Conferință nelistată (IEEEExplore)	0,50
[D-8] Balafar MA: Fast and robust Gaussian mixture model for MRI brain image segmentation. International Journal on Technical and Physical Problems of Engineering (IJTPE) 5(2):8-14, 2013, ISSN: 2077-3528	D	Jurnal nelistat (Google scholar)	0,50
[D-9] Cai WL, Chen SC, Lei L: A fuzzy clustering algorithm for image segmentation using dependable neighbor pixels. Proceedings of the 2009 Chinese Conference on Pattern Recognition, CCPR 2009, and the 1st CJK Joint Workshop on Pattern Recognition, CJKPR 2009, pp. 840-844, ISBN 978-1-4244-4199-0	D	Conferință nelistată (IEEEExplore)	0,50



[D-10] Cai WL, Wang L: An Effective and Efficient FCM for Segmenting Color Image with High Intensity Noise. International Conference on Information Sciences, Machinery, Materials and Energy (ICISMME 2015), pp. 1654-1660	D	Conferință nelistată (Google Scholar)	0,50
[D-11] Chen Q, Ji Z, Sun Q, Xia D: Homogeneous patch based FCM algorithm for brain MR image segmentation. Proceedings of the 2009 Chinese Conference on Pattern Recognition, CCPR 2009, and the 1st CJK Joint Workshop on Pattern Recognition, CJKPR 2009, pp. 593-597, ISBN 978-1-4244-4199-0	D	Conferință nelistată (IEEEExplore)	0,50
[D-12] Chen Z, Zwiggelaar R: A modified fuzzy c-means algorithm for breast tissue density segmentation in mammograms. IEEE International Conference on Information Technology and Applications in Biomedicine (ITAB) Corfu, pp. 1-4, 2010, ISBN 978-1-4244-6559-0 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50
[D-13] Cui ZH, Zhang P, Li HJ, Gao LQ: Enhanced FCM algorithm combined with structure feature for image segmentation. Journal of Northeastern University (Natural Science), 34(7):922-926, 2013, ISSN 1005-3026	D	Jurnal nelistat (Google Scholar)	0,50
[D-14] Dar KS, Javed I, Amjad W, Aslam S, Shamim A: Survey of clustering applications. Journal of Network Communications and Emerging Technologies (JNCET) 4(3):10-14, 2015, ISSN 2395-5317	D	Jurnal nelistat (Google Scholar)	0,50
[D-15] Devi PR, Mohan N, Kumar VP, Rao AN: C-means fuzzy local information. Data Mining and Knowledge Engineering 3(16):952-960, ISSN: 0974-9578, 2011	D	Jurnal nelistat (Google scholar)	0,50
[D-16] Dhivya A, Anitha D: Detection of tumor region using fast fuzzy clustering algorithm. International Journal of Research in Computer Applications and Robotics (IJRCAR) 2(4):145-149, 2014, ISSN: 2320-7345	D	Jurnal nelistat (Google scholar)	0,50
[D-17] Ding ZJ, Sun J: FCM image segmentation algorithm based on colour space and kernel function (Chinese). Computer Applications and Software 31(2):222-225, 2014, ISSN 1000-386X (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-18] Dixit R, Jain A: FCM_S1 and FCM_S2 algorithms for medical image segmentation under different noise conditions. International Journal of Computer Science and Electrical Engineering (IJCSEE) 1(2):51-55, 2012, ISSN 2315-4209 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-19] El-Sonbaty Y, Youssef SM, Fathalla KM: Enhanced fuzzy-based model for ROI extraction in medical images. In: Kim TH, Adeli H, Ramos C, Kang BH (eds): Signal Processing, Image Processing, and Pattern Recognition. Communications in Computer and Information Science 260:26-35, 2011, ISBN 978-3-642-27182-3 (Springer)	D	Capitol de carte (Springer)	0,50
[D-20] El-Sonbaty Y, Youssef SM, Fathalla KM: Enhanced fuzzy-based model for ROI extraction in medical images. IEEE Int'l Symposium on Signal Processing and Information Technology (ISSPIT), pp. 299-304, 2011, ISBN 978-1-4673-0752-9 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50
[D-21] Fazli S, Ghiri SF: Robust fuzzy c-means clustering with spatial information for segmentation of brain magnetic resonance images. International Journal of Science and Engineering Investigations 2(12):100-105, 2013, ISSN 2251-8843	D	Jurnal nelistat (Google Scholar)	0,50

[D-22] Fazli S, Ghiri SF: A novel fuzzy c-means clustering with hybrid local and non local spatial information for brain magnetic resonance image segmentation. Journal of Applied Engineering 2(4):40-46, 2014, ISSN 2348-4802	D	Jurnal nelistat (Google Scholar)	0,50
[D-23] Gordillo N: Contributions to automatic and unsupervised MRI brain tumor segmentation: a new fuzzy approach. PhD thesis, Universitat Politècnica de Catalunya, 2010	D	Teză doctorat	0,50
[D-24] Han HW, Tian L, Miao JQ: A fuzzy clustering algorithm of automatic classification based on EnFCM. 4th Int'l Conference on Materials Science and Information Technology (MSIT 2014, Tianjin, China). Advanced Materials Research 989-994:1489-1492, 2014, ISSN: 1022-6680	D	Jurnal nelistat (Google Scholar)	0,50
[D-25] Hou LL, Zhang L, Yang QY, Wen Y: An extended fuzzy local information C-means clustering algorithm. International Joint Conference on Neural Networks (IJCNN 2015 Killarney, Ireland), pp. 1-8, doi: 10.1109/IJCNN.2015.7280304	D	Conferință nelistată (Google Scholar)	0,50
[D-26] Huang X, Li B, Feng QJ: Segmentation of multiple sclerosis lesions in brain magnetic resonance images with modified fuzzy C-means algorithm. Journal of Clinical Rehabilitative Tissue Engineering Research 15(13):2408-2411, 2011, ISSN 1673-8225 (Scopus)	D	Conform serviciului web, anul 2014 Domeniul: Engineering	0,50
[D-27] Jadhav AP, Dum AA: Improved Fuzzy C-means Algorithm With Local Information And Trade-Off Weighted Fuzzy Factor for Image Segmentation. International Research Journal of Engineering and Technology (IRJET) 2(5):1047-1054, 2015, ISSN: 2395-0072	D	Jurnal nelistat (Google Scholar)	0,50
[D-28] Javed A, Wang YC, Kaluthramaiyer N: Segmentation of brain MR images with directional weighted optimized fuzzy c-means clustering. International Conference on Information Technology in Asia (CITA), pp. 1-7, 2013, ISBN 9781479910915 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50
[D-29] Jayachitra S, Mary Shyla E: A survey on fuzzy c-means clustering algorithm for image segmentation. Artificial Intelligence Systems and Machine Learning 5(12):509-514, 2013, ISSN 0974-9543	D	Jurnal nelistat (Google Scholar)	0,50
[D-30] Ji Z, Chen Q, Sun Q, Xia D: Image segmentation with anisotropic weighted fuzzy C-means clustering. Journal of Computer-Aided Design and Computer Graphics (Chinese), 21(10):1451-1459+1466, ISSN: 1003-9775, 2009	D	Jurnal nelistat (Google Scholar)	0,50
[D-31] Kang J, Min L: Image segmentation based on weighted fuzzy c-means clustering accounting for pixel spatial information (Chinese). Journal of Univ. Science & Technology Beijing 30(9):1072-1078, 2008	D	Jurnal nelistat (Google Scholar)	0,50
[D-32] Kang JY, Gong CL, Zhang WJ: Fingerprint image segmentation using modified fuzzy c-means algorithm. J. Biomedical Science and Engineering, 2:656-660 (2009) ISSN 1937-6871	D	Jurnal nelistat (Google Scholar)	0,50
[D-33] Kang JY, Zhang WJ: Fingerprint image segmentation using modified fuzzy c-means algorithm. IEEE International Conference on Bioinformatics and Biomedical Engineering (ICBBE), pp. 1910-1913, 2009, ISBN 978-1-4244-2901-1	D	Conferință nelistată (IEEEExplore)	0,50
[D-34] Kouhi A, Seyedarabu H, Aghagolzadeh A: A modified FCM algorithm for MRI brain image segmentation. 7 <sup>th</sup> Iranian Conference on Machine Vision and Image Processing, MVIP 2011, pp. 25-29, ISBN 978-1-4577-1533-4	D	Conferință nelistată (IEEEExplore)	0,50

[D-35] Lai YS, Ma TM, Tian JW: The Application of Fuzzy C Mean Clustering Algorithm on Image Processing Based on .NET Component. Advanced Materials Research 433-440:3536-3542, 2012	D	Jurnal nelistat (Google Scholar)	0,50
[D-36] Lai YS, Ma TM, Tian JW: Fast multi-threshold fuzzy c-means image segmentation based on histogram correlation constraints. Computer Engineering & Science 33(4):102-106, 2011, ISSN 1007-130X	D	Jurnal nelistat (Google Scholar)	0,50
[D-37] Le Capitaine H, Frélicot C: A fast fuzzy c-means algorithm for color image segmentation. EUSFLAT-LFA 2011 Aix-les-Bains, France, pp. 1074-1081, 2011	D	Conferință nelistată (Google Scholar)	0,50
[D-38] Li LY, Zhang XF: Utilizing neighbor information in image segmentation. International Conference on Computing, Communication and Networking Technologies (ICCCNT 2014, Hefei), pp. 1-6, 2014, ISBN: 978-1-4799-2695-4	D	Conferință nelistată (IEEEExplore)	0,50
[D-39] Li B, Chen WF: MR images segmentation method based on MS-FCM algorithm (Chinese). Computer Engineering, 36(16):198-199+202, 2010, ISSN: 1000-3428	D	Jurnal nelistat (Google Scholar)	0,50
[D-40] Li B, Chen WF: Non-local denoising fast fuzzy C-means clustering algorithm. Computer Engineering and Applications 45(35):21-23, 2009, ISSN 1002-8331	D	Jurnal nelistat (Scopus)	0,50
[D-41] Liao L, Lin TS: A fast spatial constrained fuzzy kernel clustering algorithm for MRI brain image segmentation. International Conference on Wavelet Analysis and Pattern Recognition (ICWAPR'07), pp. 82-87, 2007, ISBN 978-1-4244-1065-1 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50
[D-42] Lin YZ, Hao G, Gu JK: Improved FCM algorithm using difference of neighborhood information. Journal of Computer Applications 31(2):375-378, 2011, ISSN 1001-9081 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-43] Liu F: The new image segmentation algorithm using adaptive evolutionary programming and fuzzy C-means clustering. Proc SPIE – The International Society for Optical Engineering vol. 8056, art. No. 80560Y, 2011, DOI:10.1117/12.883642 (Google Scholar)	D	Conferință nelistată (Google Scholar)	0,50
[D-44] Liu GQ, Zhou ZH, Xie SL: Regularized fuzzy clustering for fast image segmentation. International Conference on Information Science and Technology (ICIST), pp. 1164-1167, 2013, ISBN 978-1-4673-5137-9	D	Conferință nelistată (IEEEExplore)	0,50
[D-45] Liu GY, Zhong L, Wang AM. A robust FCM image segmentation algorithm based on MRFs (Chinese), Computer Engineering & Science 34(10):108-112, 2012, 1007-130X (Scopus)	D	Jurnal nelistat (Scopus)	0,50
[D-46] Liu H, Zhang CM, Su ZY, Wang K, Deng K: Research on a pulmonary nodule segmentation method combining fast self-adaptive FCM and classification. Computational and Mathematical Methods in Medicine, article ID 185726, pp. 1-15, 2015, ISSN 1748-670X	D	Conform serviciului web, anul 2014 Domeniul: Mathematics	0,50
[D-47] Liu JW, Liu RR: An advanced FCM algorithm using main hue. Symposium on Photonics and Optoelectronics (SOPO 2012, Shanghai), pp. 1-4, 2012, ISBN: 978-1-4577-0909-8	D	Conferință nelistată (IEEEExplore)	0,50
[D-48] Liu J, Li M, Wang JX, Wu FX, Liu TM, Pan Y: A survey of MRI-based brain tumor segmentation methods. Tsinghua Science and Technology 19(6):578-595, 2014, ISSN: 1007-0214	D	Conform serviciului web, anul 2014 Domeniul: General	0,50
[D-49] Liu L, Yang A, Zhou W, Zhang X, Fei M, Tu X: Robust dataset classification approach based on neighbor searching and kernel fuzzy c-means. IEEE/CAA Journal of Automatica Sinica 2(3):235-247, 2015, ISSN: 2329-9274	D	Jurnal nelistat (Scopus)	0,50

[D-50] Liu Q, Zhuang JJ: A generalized thresholding algorithm of pedestrian segmentation for far-infrared images. IEEE International Conference on Imaging Systems and Techniques (IST), pp. 338-343, 2012, ISBN 978-1-4577-1776-5	D	Conferință nelistată (IEEEExplore)	0,50
[D-51] Ma JJ, Tian DY, Gong MG, Jiao LC: Fuzzy clustering with non-local information for image segmentation. International Journal of Learning and Cybernetics 5:845-859, 2014, ISSN 1868-8071 (Springer)	D	Jurnal nelistat (Springer)	0,50
[D-52] Ma L, Li Y, Fan SH, Fan RZ: A hybrid method for image segmentation based on artificial fish swarm algorithm and fuzzy c-means clustering. Computational and Mathematical Methods in Medicine. Accepted 19 October 2015. IF: 0.766	D	Conform serviciului web, anul 2014 Domeniul: Mathematics	0,50
[D-53] Masood S, Sharif M, Masood A, Yasmin M, Raza M: A survey on medical image segmentation. Current Medical Imaging Reviews 11(1):3-14, 2015, ISSN 1573-4056	D	Conform serviciului web, anul 2014 Domeniul: Medicine	0,50
[D-54] Mazinan AH, Amini A, Kabiriasl A: A generalized automatic hybrid fuzzy-based GA-PSO clustering approach. Majlesi Journal of Electrical Engineering 8(3):41-47, 2014, ISSN: 2345-377X	D	Jurnal nelistat (Google Scholar)	0,50
[D-55] Mehena J, Adhikary MC: Medical image segmentation and detection of MR images based on spatial multiple-kernel fuzzy c-means algorithm. International Journal of Medical, Health, Biomedical, Bioengineering and Pharmaceutical Engineering 9(6):503-507, 2015, ISSN 1307-6892	D	Jurnal nelistat (Google Scholar)	0,50
[D-56] Mekapothula SK, Kumar VJ: An efficient algorithm for segmentation using fuzzy local information c-means clustering. International Journal of Scientific & Engineering Research 2(12):1-7, 2011, ISSN 2229-5518 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-57] Moussaoui A, Frahta N: Algorithmes Neuro-Flous de Segmentation d'Images IRM, 4th International Conference on Computer Integrated Manufacturing CIP'2007, pp. 1-6	D	Conferință nelistată (Google Scholar)	0,50
[D-58] Mouton A: On artefact reduction, segmentation and classification of 3D computed tomography imagery in baggage security screening. PhD thesis, Cranfield University, UK, 2014	D	Teză doctorat	0,50
[D-59] Nandhagopal N: Computer aided diagnosis system for automatic detection of brain tumor through magnetic resonance image. PhD Thesis, Manonmaniam Sundaranar University, India, 2014	D	Teză doctorat	0,50
[D-60] Naz S, Majeed H, Irshad H: Image segmentation using fuzzy clustering: a survey. 6th International Conference on Emerging Technologies, ICET 2010, pp. 181-186, 2010, ISBN 978-1-4244-8057-9 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50
[D-61] Ng TF: Fuzzy feature interaction and weighting in subspace cluster analysis. PhD thesis, Univ. New South Wales, 2012	D	Teză doctorat	0,50
[D-62] Pan W, Fu J, Wang XF, Hao CY: An automatic classification weighted fuzzy c-means image segmentation algorithm (Chinese). Periodical of Ocean University of China, 37(3):485-488, 2007, ISSN 1672-5174	D	Jurnal nelistat (Google Scholar)	0,50
[D-63] Pan W, Jia JH, Hao CY: Weighed-FCM image segmentation algorithm combined with Gibbs random field (Chinese). Electronic Measurement Technology 30:190-192, 2007, ISSN 1002-7300	D	Jurnal nelistat (Google Scholar)	0,50

[D-64] Pourreza H, Ghazikhani M: Evaluating fuzzy c-means with spatial constraints algorithms for vessel detection in retinal image (Persian). IKT'07 – Information and Knowledge Technology Mashad (Iran) pp. 1–5, 2007	D	Conferință nelistată (Google Scholar)	0,50
[D-65] Rajeswari M, Wei BC, Yeow LS: Spatial Multiple Criteria Fuzzy Clustering for Image Segmentation. Second International Conference on Computational Intelligence, Modelling and Simulation, CIMSIM 2010, pp.305-310, 2010, ISBN 978-1-4244-8652-6 (IEEExplore)	D	Conferință nelistată (IEEExplore)	0,50
[D-66] Rajeswari S, Thulasi K, Vijayalakshmi A, Subbalakshmi P: Reformulated fuzzy c-means based image segmentation. International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) pp. 257-262, 2015, ISSN 2394-3777	D	Jurnal nelistat (Google Scholar)	0,50
[D-67] Rastgarpour M, Shanbehzadeh J, Soltanian-Zadeh H: A Hybrid Method Based on Fuzzy Clustering and Local Region-Based Level Set for Segmentation of Inhomogeneous Medical Images. Journal of Medical Systems, Springer, 38:68, 2014, ISSN: 1573-689X, IF: 2.213	D	Jurnal nelistat (Google scholar)	0,50
[D-68] Rastgarpour M, Shanbehzadeh J: A new kernel-based fuzzy level set method for automated segmentation of medical images in the presence of intensity inhomogeneity. Computational and Mathematical Methods in Medicine, art. ID 978373, pp. 1-14, 2014,1748-670X, IF: 0.791	D	Conform serviciului web, anul 2014 Domeniul: Mathematics	0,50
[D-69] Roobini K, Ramakrishnan T, Sankaragomathi B: Neighbourhood weighted fuzzy C-means (NWFCM) clustering algorithm for segmentation of brain tumors in CT images. International Journal of Applied Engineering Research 10(20):15327-15330, 2015, ISSN 0973-4562	D	Conform serviciului web, anul 2014 Domeniul: Engineering	0,50
[D-70] Sánchez Vázquez DT, Ponomaryov V: Image segmentation using fuzzy clustering means techniques. XII Reunión de Otoño de Potencia, Electrónica y Computación (ROPEC 2010), pp. 60-65, 2010, ISBN 978-607-95476-1-5	D	Conferință nelistată (Google scholar)	0,50
[D-71] Saranya Pon Selvi R, Akila C: Advanced FCM algorithm for segmentation. Int J of Engineering and Advanced Technology (IJEAT) 3(3):123-128, 2014, ISSN 2249-8958	D	Jurnal nelistat (Google scholar)	0,50
[D-72] Schaefer G: Intelligent approaches to colour palette design. In: Kwasnicka H, Jain LC (eds): Innovations in intelligent image analysis. Studies in Computational Intelligence 339:275-289 (2011) ISBN 978-3-642-17933-4	D	Capitol de carte (Springer)	0,50
[D-73] Schaefer G, Zhou H: Fuzzy approaches for color image palette selection. In: Mehnen J, Köppen M, Saad A, Tiwari A (eds): Applications of Soft Computing. Advances in Intelligent and Soft Computing 58:473-482, ISSN 1867-5662 (Springer)	D	Capitol de carte (Springer)	0,50
[D-74] Shalaby MAW: Fingerprint recognition: a histogram analysis based fuzzy c-means multilevel structural approach. PhD Thesis, Concordia University, Montreal, 2012	D	Teză doctorat	0,50
[D-75] Sivasangareswari P, Kumar KS: Fuzzy c-means clustering with local information and kernel metric for image segmentation. International Journal of Advanced Research in Computer Science & Technology 2(1):95-99, 2014, ISSN 2347-9817 (Scopus)	D	Jurnal nelistat (Scopus)	0,50

[D-76] Somasundaram D, Palaniswami S: SFLA optimization based spatial kernel fuzzy c-means clustering for MRI image segmentation using SIFT descriptors. Australian Journal of Basic and Applied Sciences (AENSI) 9(1):250-257, 2015, ISSN 1991-8178	D	Conform serviciului web, anul 2014 Domeniul: General	0,50
[D-77] Srivastava A, Asati A, Bhattacharya M: A fast and noise-adaptive rough-fuzzy hybrid algorithm for medical image segmentation. IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2010), pp. 416-421 (2010) ISBN: 978-142448307-5 (IEEExplore)	D	Conferință nelistată (IEEExplore)	0,50
[D-78] Su ZY, Liu H, Li QP: Research of Anti-Noise Image Segmentation Method Based on Fuzzy C-Means (Chinese). Journal of Graphics 36(3):477-484, 2015, ISSN: 2095-302X	D	Jurnal nelistat (Google scholar)	0,50
[D-79] Subudhi AK, Jena SS, Kumar SS: Delineation of infarct lesions by Multi-dimensional Fuzzy C-Means of acute ischemic stroke patients. International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO 2015, Visakhapatnam, India), pp. 1-5, ISSN 978-1-4799-7676-8	D	Conferință nelistată (IEEExplore)	0,50
[D-80] Sucharitha M, Geetha KP: Brain tissue segmentation using fuzzy clustering techniques. Technology and Health Care 23(5):571-580, 2015	D	Jurnal nelistat (Google Scholar)	0,50
[D-81] Suganthi D: Modified fuzzy c-means algorithm and its application. Oriental Journal of Computer Science and Technology 4(2):423-427, 2011, ISSN 0974-6471 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-82] Taher A: Approche coopérative et non supervisée de partitionnement d'images hyperspectrales pour l'aide à la décision. PhD thesis, Université Rennes 1, France, 2014	D	Teză doctorat	0,50
[D-83] Taher A, Chehdi K, Cariou C: A stable and unsupervised fuzzy C-Means for data classification. Proceedings of SPIE vol. 9534, article no. 953414, 2015	D	Conferință nelistată (Google Scholar)	0,50
[D-84] Tamilselvan KS, Murugesan G: Automatic tumor detection in brain image using FLICM algorithm. Int J of Emerging Trends in Electrical and Electronics (IJETEE) 5(1):61-69, 2013, ISSN 2320-9569	D	Conferință nelistată (Google Scholar)	0,50
[D-85] Tian JW, Huang YX, Yu YL: A fast FCM cluster multi-threshold image segmentation algorithm based on entropy constraint (Chinese). Pattern Recognition and Artificial Intelligence 21:221-226, 2008, ISSN 1003-6059 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-86] Tian JW, Wu QE, Huang YX, Wang T: Target recognition by Fast Optimal Fuzzy C-Means image segmentation. International Journal of Signal and Imaging Systems Engineering 4(2):79-95, 2011, ISSN 1748-0698 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-87] Truong TX, Kim JM: An enhanced spatial fuzzy c-means algorithm for image segmentation. Journal of the Korea Society of Computer and Information 17(2): 49-57, 2012, ISSN 1598-849X	D	Jurnal nelistat (Google Scholar)	0,50
[D-88] Venu N: Performance analysis of FCM algorithm with peak-and-valley based mean and median filtering based denoising for MRI segmentation. ACS – International Journal in Computational Intelligence, 5(1):53-59, 2014	D	Jurnal nelistat (Google Scholar)	0,50
[D-89] Venu N, Anuradha B: Two different multi-kernels for fuzzy c-means algorithm for medical image segmentation. International Journal of Engineering Trends and Technology (IJETT) 20(2):77-82, 2015, ISSN 2231-5381	D	Jurnal nelistat (Google Scholar)	0,50

[D-90] Venu N, Anuradha B: Integration of hyperbolic tangent and Gaussian kernels for Fuzzy C-means algorithm with spatial information for MRI segmentation. Fifth International Conference on Advanced Computing (ICoAC 2013, Chennai, India), pp. 280-285, ISBN: 978-1-4799-3447-8	D	Conferință nelistată (IEEEExplore)	0,50
[D-91] Venu N: Performance and evaluation of Gaussian kernels for FCM algorithm with mean filtering based denoising for MRI segmentation. International Conference on Communications and Signal Processing (ICCSP 2014, Melmaruvathur, India), pp. 1680-1685, ISBN: 978-1-4799-3357-0	D	Conferință nelistată (IEEEExplore)	0,50
[D-92] Venu N: Gaussian kernels for FCM algorithm with mean and peak-valley-kernal filtering based denoising for MRI segmentation using PSNR analysis. Int'l Conference on Computation of Power, Energy, Information and Communication (ICCPEIC 2014, Chennai, India), pp. 1185-1190, 2014, ISBN 978-1-4799-3826-1	D	Conferință nelistată (IEEEExplore)	0,50
[D-93] Venu N, Anuradha B: A Novel Multiple-kernel based Fuzzy c-means Algorithm with Spatial Information for Medical Image Segmentation. International Journal of Image Processing (IJIP) 7(3):286-301, 2013, ISSN 1985-2304	D	Jurnal nelistat (Scopus)	0,50
[D-94] Venu N, Anuradha B: PSNR based fuzzy clustering algorithms for MRI medical image segmentation. Int'l Journal of Image Processing and Visual Communication 2(2):1-7, 2013, ISSN 2319-1724	D	Jurnal nelistat (Google Scholar)	0,50
[D-95] Venu N, Anuradha B: Brain MRI medical image segmentation using fuzzy based clustering algorithms. International Journal of Engineering Trends and Technology (IJETT) 22(2):83-88, 2015, ISSN 2231-5381	D	Jurnal nelistat (Google Scholar)	0,50
[D-96] Venu N, Anuradha B: Two different multi-kernels integration with spatial information in fuzzy C-means algorithm for medical image segmentation. International Conference on Communications and Signal Processing (ICCSP 2015, Melmaruvathur, India), pp. 20-25, ISBN: 978-1-4799-8080-2	D	Conferință nelistată (IEEEExplore)	0,50
[D-97] Vinodhini B: Survey on clustering algorithms. Int'l Journal of Engineering Science and Innovative Technology (IJESIT) 2(6):226-232, 2013, ISSN 2319-5967	D	Jurnal nelistat (Google Scholar)	0,50
[D-98] Wang SL, Xu YR, Wan L, Tang XD: Fast fuzzy c-means algorithm based on entropy constraing for underwater image segmentation (Chinese). Computer Science 37(12):243-247, 2010 (Scopus)	D	Jurnal nelistat (Scopus)	0,50
[D-99] Wang S, Xu Y, Wan L: An interval fuzzy C-means algorithm based on edge gradient for underwater optical image segmentation. In: Lin S, Huang X (eds): Advances in Computer Science, Environment, Ecoinformatics, and Education. Communications in Computer and Information Science 214(1):276-283, 2011, 978-3-642-23320-3 (Springer)	D	Capitol de carte (Springer)	0,50
[D-100] Wang SL, Xu YR, Wan L, Tang XD: Marine Images Segmentation Using Adaptive Fuzzy c-Means Algorithm Based on Spatial Neighborhood. 3rd Pacific-Asia Conference on Circuits, Communications and System (PACCS) pp. 1-6, 2011, ISBN 978-1-4577-0855-8	D	Conferință nelistată (IEEEExplore)	0,50
[D-101] Wang SL, Wan L, Tang XD: A modified fast fuzzy c-means algorithm based on spatial information for underwater image segmentation. Int'l Conference on Computer Design and Applications (ICDDA), 2010, vol. 1., pp. 524-528, ISBN: 978-1-4244-7164-5 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,50

[D-102] Wang JL, Wang ST, Bao F, Zhou JL: Fast and robust fuzzy c-means clustering algorithm based on space distance of nearest neighbors (Chinese). Computer Engineering and Applications 51(1):177-183, 2015, ISSN: 1002-8331	D	Jurnal nelistat (Google Scholar)	0,50
[D-103] Wang ZB, Lu RH: A new algorithm for image segmentation based on fast fuzzy c-means clustering. International Conf on Computer Science and Software Engineering (CSSE 2008). Vol. 6, pp. 14-17, 2008, 978-0-7695-3336-0 (IEEExplore)	D	Conferință nelistată (IEEExplore)	0,50
[D-104] Wang SL, Wan L, Tang XD: An improved fuzzy c-means algorithm based on gray-scale histogram for underwater image segmentation. 29th Chinese Control Conference, CCC 2010, pp. 2778-2783, ISBN: 978-789463104-6 (IEEExplore)	D	Conferință nelistată (IEEExplore)	0,50
[D-105] Wang SL, Xu Y, Pang YJ: A fast underwater optical image segmentation algorithm based on a histogram weighted fuzzy c-means improved by PSO. Journal of Marine Science and Application 10(1):70-75, 2011, ISSN 1671-9433	D	Jurnal nelistat (Springer)	0,50
[D-106] Weng W, Zhao S: Improved weighted fuzzy clustering algorithm for image segmentation. Computer Engineering and Application, 46(33):182-184, 2010, ISSN 1002-8331	D	Jurnal nelistat (Google Scholar)	0,50
[D-107] Xu SS, Wang YQ, Zhang ZY: Extracting disparity map from bifocal monocular stereo vision in a novel way (Chinese). Journal of Computer Applications 31(2):341-344, 2011, ISSN 1001-9081 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-108] Yang SC, Huang SY, Liu XR: An image clustering technology for preserving the consistent color of contour. International Symposium on Computer, Consumer and Control (IS3C 2014, Taichung, Taiwan), pp. 107-110, 2014, ISBN: 978-147995277-9	D	Conferință nelistată (IEEExplore)	0,50
[D-109] Yang H, Peng J: Remote sensing classification method based on Markov random field and fuzzy c-means clustering. Acta Geodaetica et Cartographica Sinica 41(2):213-218, 2012, ISSN 1001-1595	D	Conform serviciului web, anul 2014 Domeniul: Earth and Planetary Sciences	0,50
[D-110] Yang H, Yin FJ: The brain image segmentation based on FCM with spatial information (Chinese). Journal of Liaoning University 41(3):1-5, 2014, ISSN: 1000-5846	D	Jurnal nelistat (Google Scholar)	0,50
[D-111] Zeng W, Li QG: Improved fuzzy c-means method for four color topographic map segmentation (Chinese). Image Processing and Multimedia Technology 32(24):37-39, 2013, ISSN 1674-7720	D	Jurnal nelistat (Google Scholar)	0,50
[D-112] Zhang W, Kang J: A fast kernel-induced fuzzy C-means algorithm and its application to segmentation of microscopic image of harmful algae. Journal of Applied Science 13(13):2574-2578, 2013, ISBN 1812-5654 (Scopus)	D	Conform serviciului web, anul 2014 Domeniul: General	0,50
[D-113] Zhang XF, Zhang CM, Tang WJ, Wei ZW: Medical image segmentation using improved FCM. Science China Information Science 55(5):1052-1061, 2012, 1674-733X	D	Jurnal nelistat (Springer)	0,50
[D-114] Zhang CQ, Liu H, Lei Y: A method of image segmentation based on rough sets and FCM. Journal of Jiangxi University of Science and Technology. 32(1):60-65 (2011), ISSN: 1007-1229	D	Jurnal nelistat (Scopus)	0,50



[D-115] Zhang CQ, Sheng LJ, Zou WG: Robust image segmentation algorithm based on rough sets and fuzzy c-means. International Symposium on Information Science and Engineering (ISISE 2010, Shanghai), pp. 481-484, 2010, ISBN 978-1-61284-428-2	D	Conferință nelistată (IEEEExplore)	0,50
[D-116] Zhang W, Li C, Zhang YZ: A new hybrid algorithm form image segmentation based on rough sets and enhanced fuzzy c-means clustering. IEEE Int'l Conference on Automation and Logistics (ICAL), pp. 1212-1216, 2009, ISBN 978-1-4244-4794-7	D	Conferință nelistată (IEEEExplore)	0,50
[D-117] Zhang B, Sun T: Histon-based FCM for medical image segmentation. International Journal of Applied Mathematics and Statistics 45(15):317-324, 2013, ISSN 0973-1377 (Google Scholar)	D	Conform serviciului web, anul 2014 Domeniul: Mathematics	0,50
[D-118] Zhang CQ, Chen L, Zhou SJ: Fusion of Fuzzy Set and FCM for Image Segmentation. Applied Mechanics and Materials 182-183:723-728, 2012 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-119] Zhang F, Fan H: Research on medical image segmentation based on fuzzy c-means clustering algorithm (Chinese). Computer Engineering and Applications 50(4):144-151, 2014, ISSN 1002-8331	D	Jurnal nelistat (Google Scholar)	0,50
[D-120] Zhao F, Liu HQ: Fuzzy clustering image segmentation based on spatial information with different shape neighborhood. Computer Engineering and Applications 51(10):12-15+35, 2015, ISSN: 1002-8331	D	Jurnal nelistat (Google Scholar)	0,50
[D-121] Zhao F, Fan JL: Selection-suppressed non-local spatial FCM image segmentation method. Application Research of Computers 29(7):2737-2740, 2012, ISSN 1001-3695 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-122] Zhao ZX, Cheng LZ: Non-local weighted fuzzy c-means for image segmentation. Fuzzy Systems and Mathematics 25(3):154-162, 2011, ISSN 1001-7402	D	Jurnal nelistat (Google Scholar)	0,50
[D-123] Zhao XM, Li Y, Zhao QH: Image segmentation by fuzzy clustering algorithm combining hidden Markov random field and Gaussian regression model (Chinese). Journal of Electronics & Information Technology 36(11):2730-2736, 2014, ISSN: 1009-5896	D	Jurnal nelistat (Google Scholar)	0,50
[D-124] Zhao QH, Li HY, Li Y: Regionalized fuzzy c-means algorithm for segmentation of color remote sensing image (Chinese). Control and Decision 30(9):1706-1710, 2015 (Scopus)	D	Jurnal nelistat (Google Scholar)	0,50
[D-125] Zhou H, Wang X, Schaefer G: Mean shift and its application in image segmentation. In: Kwasnicka H, Jain LC (eds): Innovations in intelligent image analysis. Studies in computational intelligence 339:291-312 (2011) ISBN 978-3-642-17933-4 (Springer)	D	Capitol de carte (Springer)	0,50
[D-126] Zhou H, Schaefer G: An overview of fuzzy c-means based image clustering algorithms. In: Hassanien AE, Abraham A, Herrera F (eds): Foundations of Computational Intelligence. Vol. 2, pp. 295-310, ISBN 978-3-642-01532-8 (Springer)	D	Capitol de carte (Springer)	0,50
[D-127] Zhou H, Schaefer G, Shi C: Fuzzy C-means techniques for medical image segmentation. In: Jin Y, Wang L (eds): Fuzzy Systems in Bioinformatics and Computational Biology. Studies in Fuzziness and Soft Computing 242:257-271, 2009, ISBN 978-3-540-89967-9 (Springer)	D	Capitol de carte (Springer)	0,50
[D-128] Zhou H: Fuzzy C-Means and Its Applications in Medical Imaging. In: Schaefer G, Hassanien AE, Jiang J: Computational intelligence in medical imaging. Techniques and Applications. CRC Press, pp. 213-237, 2009, ISBN 9781420060591 (Google Scholar)	D	Capitol de carte (Google Scholar)	0,50

[D-129] Zhou H, Schaefer G, Sadka A, Celebi ME: Anisotropic mean shift based fuzzy c-means segmentation of skin lesions. 5th International Conference on Soft Computing as Transdisciplinary Science and Technology (Cergy-Pontoise, FR), pp. 438-443, 2008, ISBN 978-1-60558-046-3	D	Conferință nelistată (Google Scholar)	0,50
[D-130] Zol SH, Deshmukh RR: A comparative study of MRI image segmentation based on fast kernel clustering analysis. International Journal of Computer Applications 110(6):26-29, 2015	D	Jurnal nelistat (Google Scholar)	0,50

Lucrare citată	Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó Z: A modified fuzzy c-means algorithm for MR brain image segmentation. In: Kamel MS, Campilho AC (Eds.): Image Analysis and Recognition, Springer, LNCS vol. 4633, pp. 866-877 (2007), ISBN: 978-3-540-74258-6.	3	84	
Lucrare care citează	Categoria	Justificare	Punctaj
[A-30] Demirhan A, Güler I: Combining stationary wavelet transform and self-organizing maps for brain MR image segmentation. Engineering Applications of Artificial Intelligence 24(2):358-367, 2011, ISSN 0952-1976, IF: 1.625	A	Conform serviciului web, anul 2014 Domeniul: Computer Science	8
[A-31] Gordillo N, Montseny E, Sobrevilla P: State of the art survey on MRI brain tumor segmentation, Magnetic Resonance Imaging 31(8):1426-1438, 2013, ISSN 0730-725X, IF: 2.060	A	Conform serviciului web, anul 2014 Domeniul: Engineering	8
[A-32] Ji ZX, Xia Y, Chen Q, Sun QS, Xia DS, Feng DD: Fuzzy c-means clustering with weighted image patch for image segmentation. Applied Soft Computing Journal 12(6):1659-1667, 2012, ISSN 1568-4946, IF: 2.140	A	Poziția 26, lista jurnale 2013	8
[A-33] Zhang XF, Wang G, Su QT, Guo Q, Zhang CM, Chen BJ: An improved fuzzy algorithm for image segmentation using peak detection, spatial information and reallocation. Soft Computing, available online 4 November 2015, doi: 10.1007/s00500-015-1920-1, ISSN 1432-7643	A	Poziția 260, lista jurnale 2013	8
[B-26] Altameem T, Zanaty EA, Tolba A: A new fuzzy C-means method for magnetic resonance image brain segmentation. Connection Science (Taylor & Francis), available online 4 December 2014, doi: 10.1080/09540091.2014.970126, ISSN: 0954-0091, IF 0.769	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	4
[B-27] Benyó B: Identification of dental root canals and their medial line from micro-CT and cone-beam CT records. BioMedical Engineering OnLine 11:81, pp. 1-17, 2012, ISSN 1475-925X, IF: 1.608	B	Conform serviciului web, anul 2014 Domeniul: Engineering	4
[B-28] Harati V, Khayati R, Farzan A: Fully automated tumor segmentation based on improved fuzzy connectedness algorithm in brain MR images. Computers in Biology and Medicine 41(7):483-492, 2011, ISSN 0010-1425, IF: 1.162	B	Poziția 326, lista jurnale 2013	4
[B-29] Ji ZX, Sun QS, Xia DS: A modified possibilistic fuzzy c-means clustering algorithm for bias field estimation and segmentation of brain MR image, Computerized Medical Imaging and Graphics 35(5):383-397, 2011, ISSN 0895-6111, IF: 1.664	B	Poziția 321, lista jurnale 2013	4

[B-30] Shyu KK, Wu YT, Chen TR, Chen HY, Hu HH, Guo WY: Measuring complexity of fetal cortical surface from MR images using 3-D modified box-counting method. IEEE Transactions on Instrumentation and Measurement, 60(2):522-531, 2011, ISSN 0018-9456, IF: 1.36	B	Conform serviciului web, anul 2014 Domeniul: Engineering	4
[C-35] Buragga KZ, Zanaty EZ, Aljahdali S: Fuzzy c-means based on Gaussian function for magnetic resonance images (MRIs) segmentation. 30th International Conference on Computers and Their Applications (CATA 2015, Honolulu), pp. 467-473, 2015	C	poziția 433, lista conferințe 2013	2
[C-36] Cherfa A, Cherfa Y, Moudache S (Assia C, Yazid C, Said M): Segmentation of brain MRIs by support vector machine: detection and characterization of strokes. Journal of Mechanics in Medicine and Biology, 15(5):1550076, ISSN 0219-5194	C	Conform serviciului web, anul 2014 Domeniul: Engineering	2
[C-37] Zanaty EA, Aljahdali S, Karam M: Improving fuzzy c-means for MRIs segmentation. 26 <sup>th</sup> International Conference on Computer Applications in Industry and Engineering (CAINE 2013, Los Angeles), pp. 211-216, 2013 (Scopus)	C	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[D-131] AbouSora H, Ghoniemy S, Banwan SA, Zanaty EA, Afifi A: Improved fuzzy possibilistic c-means (IFPCM) algorithms for magnetic resonance images segmentation. Journal of Global Research in Computer Science 4(1):1-8, 2013, ISSN 2229-371X (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-132] Bakkari A, Fabijanska A: Segmentation of cerebrospinal fluid from 3D CT brain scans using modified fuzzy c-means based on super-voxels. Federated Conference on Computer Science and Information Systems (FedCSIS 2015, Lodz), pp. 809-818, 2015, DOI: 10.15439/2015F154	D	Conferință nelistată (IEEEExplore)	1
[D-133] Cai W, Chen S, Lei L: A fuzzy clustering algorithm for image segmentation using dependable neighbor pixels. Proceedings of the 2009 Chinese Conference on Pattern Recognition, CCPR 2009, and the 1st CJK Joint Workshop on Pattern Recognition, CJKPR 2009, Article number 5343993, pp. 840-844, 2009	D	Conferință nelistată (IEEEExplore)	1
[D-134] Chen Q, Ji Z, Sun Q, Xia D: Homogeneous patch based FCM algorithm for brain MR image segmentation. Proceedings of the 2009 Chinese Conference on Pattern Recognition, CCPR 2009, and the 1st CJK Joint Workshop on Pattern Recognition, CJKPR 2009, Article number 5344038, pp. 593-597 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1
[D-135] Chen Z, Zwiggelaar R: A modified fuzzy c-means algorithm for breast tissue density segmentation in mammograms. IEEE International Conference on Information Technology and Applications in Biomedicine (ITAB) Corfu, pp. 1-4, 2010, ISBN 978-1-4244-6559-0 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1
[D-136] Chen TR: Complexity measurement of fetal cortical surfaces from magnetic resonance images using fractal dimension analysis, PhD Thesis, Taiwan, 2009.	D	Teză doctorat	1
[D-137] Dvorák P: Brain tumor detection and segmentation in multisequence MRI. PhD Thesis Brno 2015.	D	Teză doctorat	1
[D-138] Gordillo N: Contributions to automatic and unsupervised MRI brain tumor segmentation: a new fuzzy approach. PhD thesis, Universitat Politècnica de Catalunya, 2010	D	Teză doctorat	1

[D-139] Güvenc U, Demirci R, Karagül T: Light refraction based medical image segmentation. Scientific Research and Essays 5(10):1127-1132, 2010, ISSN 1992-2248, IF: 0.32	D	Conform serviciului web, anul 2014 Domeniul: Engineering	1
[D-140] Jobin Christ MC: Segmentation and classification of brain tumors using hierarchical topology preserving map. PhD thesis, Anna University, Chennai, India, 2013, <a href="http://hdl.handle.net/10603/22997">http://hdl.handle.net/10603/22997</a>	D	Teză doctorat	1
[D-141] Kumar S, Ray SK, Tewari P: A combined approach using fuzzy clustering and local image fitting level set method for global image segmentation. Canadian Journal on Image Processing and Computer Vision 3(1):1-5, 2012 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-142] Kumar S, Ray SK, Tewari P: A hybrid approach for image segmentation using fuzzy clustering and level set method. International Journal on Image Graphics and Signal Processing 6:1-7, 2012, ISSN 2074-9074 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-143] Liu J, Li M, Wang JX, Wu FX, Liu TM, Pan Y: A survey of MRI-based brain tumor segmentation methods. Tsinghua Science and Technology 19(6):578-595, 2014, ISSN: 1007-0214	D	Conform serviciului web, anul 2014 Domeniul: General	1
[D-144] Meschino GJ: Modelos híbridos de inteligencia computacional aplicados en la segmentación de imágenes de resonancia magnética. PhD Thesis, Universidad Nacional de Mar del Plata, Buenos Aires, 2008.	D	Teză doctorat	1
[D-145] Popuri K, Cobzas D, Jagersand M, Shah SL, Murtha A: 3D variational brain tumor segmentation on a clustered feature set. Proc. of SPIE, vol. 7259, pp. 72591N-72591N-10, 2009 (Google Scholar)	D	Conferință nelistată (Google Scholar)	1
[D-146] Taher A, Chehdi K, Cariou C: A stable and unsupervised fuzzy C-Means for data classification. Proceedings of SPIE vol. 9534, article no. 953414, 2015	D	Conferință nelistată (Google Scholar)	1
[D-147] Taher A: Approche coopérative et non supervisée de partitionnement d'images hyperspectrales pour l'aide à la décision. PhD thesis, Université Rennes 1, France, 2014	D	Teză doctorat	1
[D-148] Tamije Selvy P, Palanisamy V, Sri Radhai M: Segmentation of CSF in MRI brain images using optimized clustering methods. Asian Journal of Information Technology 12(4):109-116, 2013, ISSN 1682-3915 (Scopus)	D	Conform serviciului web <a href="http://78.96.45.251/DanCristea/index.html">http://78.96.45.251/DanCristea/index.html</a>	1
[D-149] Tamije Selvy P, Palanisamy V, Sri Radhai M: A Proficient Clustering Technique to Detect CSF Level in MRI Brain Images Using PSO Algorithm. WSEAS Transactions on Computers 12(7):298-308, 2013, ISSN 1109-2750 (Scopus)	D	Jurnal nelistat (Google Scholar)	1
[D-150] Tamije Selvy P, Palanisamy V, Sri Radhai M: An improved MRI brain image segmentation to detect cerebrospinal fluid level using anisotropic diffused fuzzy c means. WSEAS Transactions on Computers 12(7):145-154, 2013, ISSN 1109-2750 (Scopus)	D	Jurnal nelistat (Google Scholar)	1
[D-151] Tamije Selvy P: Optimization techniques for certain classification and clustering problems in medical images. PhD thesis, Anna University, Chennai, India, 2013, <a href="http://hdl.handle.net/10603/24685">http://hdl.handle.net/10603/24685</a>	D	Teză doctorat	1
[D-152] Tamilselvan KS, Murugesan G: Automatic tumor detection in brain image using FLICM algorithm. Int J of Emerging Trends in Electrical and Electronics (IJETEE) 5(1):61-69, 2013, ISSN 2320-9569	D	Jurnal nelistat (Google Scholar)	1

[D-153] Wang JY, Sun DS, Zhang Y: Mahalanobis distance-based FCM image segmentation algorithm (Chinese). Computer Engineering and Applications 46(1):147-149, 2010, ISSN:1002-8331	D	Jurnal nelistat (Google Scholar)	1
[D-154] Yuan Y, Chen L, Ren YP, Wang XH: Research on fuzzy c-means clustering algorithm combining gravity (Chinese). Computer Applications and Software 27(8):3pages, 2010	D	Jurnal nelistat (Google Scholar)	1
[D-155] Zanaty EA, Afifi A: A new fuzzy c-means for magnetic resonance images (MRIs) segmentation. Journal of Pattern Recognition and Intelligent Systems 1(1):1-9, 2013, ISSN 2309-0669 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-156] Zanaty EA: An adaptive fuzzy c-means algorithm for improving MRI segmentation. Open Journal of Medical Imaging (OJMI) 3(4):125-135, 2013, ISSN: 2164-2788	D	Jurnal nelistat (Google Scholar)	1

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L: Wavelet transform and neural-network-based adaptive filtering for QRS detection. 22nd Annual International Conference of IEEE Engineering in Medicine and Biology Society, Chicago 1267-1270 (2000), ISBN: 0-7803-6465-1		2	48
Lucrare care citează	Categoria	Justificare	Punctaj
[A-34] Elgendi M, Eskofier B, Dokos S, Abbott D: Revisiting QRS detection methodologies for portable, wearable, battery-operated, and wireless ECG systems. PLoS ONE 9(1): e84018, 2014, ISSN 1932-6203, IF: 3.73	A	Conform serviciului web, anul 2014 Domeniul: Medicine	8
[A-35] Min YJ, Kim HK, Kang YR, Kim GS, Park J, Kim SW: Design of wavelet-based ECG detector for implantable cardiac pacemakers. IEEE Trans Biomedical Circuits and Systems 7(4):426-436, 2013, ISSN: 1932-4545, IF: 2.743	A	Conform serviciului web, anul 2014 Domeniul: Engineering	8
[A-36] Sun P, Zhang Y, Yu F, Parks E, Lyman A, Wu Q, Ai L, Hu CH, Zhou Q, Shung K, Lien CL, Hsiai TK: Micro-electrocardiograms to study post-ventricular amputation of zebrafish heart. Annals of Biomedical Engineering 37(5):890-901, 2009, ISSN 0090-6964, IF: 0090-6964	A	Conform serviciului web, anul 2014 Domeniul: Engineering	8
[A-37] Yu F, Zhao Y, Gu J, Quigley KL, Chi NC, Tai YC, Hsiai TK: Flexible microelectrode arrays to interface epicardial electrical signals with intracardial calcium transients in zebrafish hearts. Biomedical Microdevices 14(2):357-366, 2012, ISSN: 1387-2176, IF: 2.718	A	Conform serviciului web, anul 2014 Domeniul: Engineering	8
[B-31] Mazomenos EB, Biswas D, Acharyya A, Chen T, Maharatna K, Rosengarten J, Morgan J, Curzen N: A low-complexity ECG feature extractor algorithm for mobile healthcare applications. IEEE J Biomedical and Health Informatics 17(2):459-469, 2013, ISSN 1089-7771	B	Lista jurnale 2014 (s-a schimbat denumirea jurnalului: IEEE Trans Information Technology in Biomedicine)	4
[C-38] Satheeskumaran S, Sabrigiriraj M: A New LMS Based Noise Removal and DWT Based R-peak Detection in ECG Signal for Biotelemetry Applications. National Academy Science Letters 37(4):341-349, 2014, ISSN: 0250-541X	C	Conform serviciului web, anul 2014 Domeniul: Engineering	2

[C-39] Yu F, Huang J, Adlerz K, Jadvar H, Hamdan MH, Chi N, Chen JN, Hsiai TK: Evolving cardiac conduction phenotypes in developing zebrafish larvae: implication to drug sensitivity. Zebrafish 7(4): 325-331 (2010), ISSN 1545-8547, IF: 2.883	C	Conform serviciului web, anul 2014 Domeniul: Biochemistry, Genetics and Molecular Biology	2
[D-157] Arumugam SS, Gurusamy G, Goplasamy S: Wavelet based detection of ventricular arrhythmias with neural network classifier. J. Biomedical Science and Engineering (JBISE), 2:439-444, 2009, ISSN 1937-6871 (Scopus)	D	Jurnal nelistat (Google Scholar)	1
[D-158] Daware K, Nawasalkar R, Deshpande SG, Butey PK: Wireless human ECG extraction: a review. International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSCE), pp. 186-188, 2015, ISSN: 2277-9477	D	Jurnal nelistat (Google Scholar)	1
[D-159] Gautam R, Sharma AK: Detection of QRS complexes of ECG recording based on wavelet transform using Matlab. International Journal of Engineering Science and Technology 2(7):3038-3044, 2010, ISSN 0975-5462 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-160] González-Barajas JE: Cálculo del umbral para detección de la onda R del complejo cardiaco. Tecnológicas 17(32):47-55, 2014, ISSN: 0123-7799	D	Jurnal nelistat (Google Scholar)	1
[D-161] Lasanen K: Integrated analogue CMOS circuits and structures for heart rate detectors and other low-voltage, low-power applications, PhD thesis, Oulu, Finland, 2011, ISBN 978-951-42-9454-9	D	Teză doctorat	1
[D-162] Li P, Liu M, Zhang Z, Chen HD: A low-complexity ECG processing algorithm based on the Haar wavelet transform for portable health-care devices. Science China Information Sciences (Springer), 57(12):1-14, 2014, ISSN 1674-1919	D	Jurnal nelistat (Google Scholar)	1
[D-163] Sharmila S, Saranza C: Low power based ECG detector for cardiac pacemaker. International Journal of Advanced Information in Engineering Technology (IJAIET) 11(11):11-16, 2015, ISSN 2454-6933	D	Jurnal nelistat (Google Scholar)	1
[D-164] Subramanian AS, Gurusamy G, Selvakumar G, Gnanasekar P, Nagappan A: ECG analysis using nature inspires algorithm. World Academy of Science, Engineering and Technology 60:17-21, 2011, ISSN 2010-376X (Google Scholar)	D	Conform serviciului web, anul 2014 Domeniul: Engineering	1

Lucrare citată	Autori	Punctaj	
Szilágyi L, Benyó Z, Szilágyi SM: A new method for epileptic waveform recognition using wavelet decomposition and artificial neural networks. 24th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Houston 2025–2026 (2002), ISBN 0-7803-7612-9	3	42	
Lucrare care citează	Categoria	Justificare	Punctaj
[A-38] Firpi H, Goodman E, Echaz J: Epileptic Seizure Detection by Means of Genetically Programmed Artificial Features, GECCO '05 Genetic and Evolutionary Computation Conference, Washington DC, 2005, pp. 461-466, ISBN: 1-59593-010-8 (Scopus)	A	poziția 111, lista conferințe 2013	8

[A-39] Firpi H, Goodman E, Echazu J: Genetic Programming Artificial Features with Applications to Epileptic Seizure Prediction, Proc. 27th Annual International Conference of IEEE EMBS, Shanghai, pp. 4510-4513, 2005, ISBN 0-7803-8741-4 (IEEEExplore)	A	poziția 53, lista conferințe 2013	8
[B-32] Ataee P, Avanaqi AN, Shariatpanahi HF, Khoee SM: Ranking features of wavelet-decomposed EEG based on significance in epileptic seizure detection. 14th European Signal Processing Conference, Florence, 1568982271.pdf, pp. 1-4, EUSIPCO 2006 (Google Scholar)	B	poziția 136, lista conferințe 2013	4
[B-33] Firpi H, Goodman E, Echazu J: Epileptic seizure detection using genetically programmed artificial feature. IEEE Transactions on Biomedical Engineering 54(2):212-224, 2007, ISSN: 0018-9294, IF: 2.348	B	Conform serviciului web, anul 2014 Domeniul: Engineering	4
[B-34] Firpi H, Goodman E, Echazu J: On Prediction of Epileptic Seizures by Computing Multiple Genetic Programming Artificial Features. In: Keijzer M. et al (Eds.): Genetic Programming Lecture Notes in Computer Science, vol. 3447, pp. 321-330, ISBN: 978-3-540-25436-2 (EUROGP 2005)	B	poziția 129, lista conferințe 2013	4
[C-40] Orhan U, Gurbuz E: Classifying discrete interval densities of EEG signals by using DWT and SVM. Int Symposium on Innovations in Intelligent Systems and Applications (INISTA), pp. 1-4, 2012, ISBN 978-1-4673-1446-6 (IEEEExplore)	C	poziția 621, lista conferințe 2013	2
[D-165] Albayrak M: EEG sinyallerindeki epileptiform aktivitenin veri madenciliği süreci ile tespiti (The detection of an epileptiform activity on EEG signals by using data mining process), PhD Thesis, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Haziran, 2008.	D	Teză doctorat	1
[D-166] Al-Mashakbeh A: Analysis of electroencephalogram to detect epilepsy. International Journal of Academic Research 2(3):63-69, 2010, ISSN 2075-4124 (Google Scholar)	D	Jurnal nelistat (Google scholar)	1
[D-167] Bhople AD, Tijare PA: Fast Fourier transform based classification of epileptic seizure using artificial neural network. Int J of Advanced Research in Computer Science and Software Engineering 2(4):228-261, 2012, ISSN 2277-128X (Google Scholar)	D	Jurnal nelistat (Google scholar)	1
[D-168] Kharat PA, Dudul SV: Epilepsy diagnosis based on generalized feed forward neural network. Interdisciplinary Sciences: Computational Life Sciences 4:209-214, 2012, ISSN 1913-2751 (Springer)	D	Conform serviciului web, anul 2014 Domeniul: Medicine	1
[D-169] Kharat PA, Dudul SV: Daubechies wavelet neural network classifier for the diagnosis of epilepsy. WSEAS Transactions on Biology and Biomedicine 9(4):103-113, 2012, ISSN 1109-9518 (Scopus)	D	Conform serviciului web, anul 2014 Domeniul: Medicine	1
[D-170] Mahdi MTO: A new fast epilepsy detection method using electroencephalogram signal processing. World Applied Sciences Journal 14(8):1119-1124, 2011, ISSN 1818-4952 (Google Scholar)	D	Conform serviciului web, anul 2014 Domeniul: General	1
[D-171] More R, Kawitkar RS: Epilepsy disorder detection by EEG signal decomposition using wavelet transform. International Conference & Workshop on Emerging Trends in Technology (ICWET 2011), 1325-1326, 2011, ISBN 978-1-4503-0449-8 (ACM)	D	Conferință nelistată (ACM)	1
[D-172] Parreira FJ, Yamanaka K, Destro-Filho JB, de Sá AA, Uirquiza MA, Bernadino G: Detecção de epilepsia utilizando wavelets, redes neurais e sistema especialista. IV Conferência de Estudos em Engenharia Elétrica (CEEL 2005, Uberlândia), pp. 1-4	D	Conferință nelistată (Google Scholar)	1

[D-173] Parreira FJ: Detecção de crisis epilépticas a partir de sinais electroencefalográficos. PhD thesis, Universidade Federal de Uberlândia, Brasil (2006).	D	Teză doctorat	1
[D-174] Urrestarazu E, Iriarte J: Mathematical analyses in the study of electroencephalo-graphic signals (Análisis matemáticos en el estudio de señales electroencefalograficas), Revista de Neurología, 41(7):423-434, 2005, ISSN 1576-6578, IF: 1.18	D	Jurnal nelistat (Google scholar)	1
[D-175] Xia MF, Liu JB: Waveform Identification Technology in Intelligent Fault Diagnosis. Electro-Mechanical Engineering, 22(6):49-51+63, 2006, ISSN 1008-5300 (Google Scholar)	D	Jurnal nelistat (Google scholar)	1
[D-176] Zhu S, Cai JY, Du MJ: Test waveform recognition based on Zernike moment and SVM (Chinese). Measurement and Control Technology, 67-71, 2012, ISSN: 1000-8829	D	Jurnal nelistat (Google scholar)	1

Lucrare citată		Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó Z: A Modified Fuzzy C-Means Classifier for Fast Segmentation of MR Brain Images. In: Melín P, Castillo O, Ramírez EG, Kaczprzyk J, Pedrycz W (Eds.): Analysis and Design of Intelligent Systems Using Soft Computing Techniques, Springer, Advances in Soft Computing vol. 41, pp. 119-127, ISBN: 978-3-540-72431-5		3	18	
Lucrare care citează		Categoria	Justificare	Punctaj
[A-40] Srivastava A, Singhai J, Bhattacharya M: Collaborative rough-fuzzy clustering: An application to intensity non-uniformity correction in brain MR images. IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2013, Hyderabad), paper no. 6622515, pp. 1-6, ISBN: 978-1-4799-0020-6		A	Poziția 133, lista conferințe 2013	8
[A-41] Zhou DG, Zhou H: A modified strategy of fuzzy clustering algorithm for image segmentation. Soft Computing 19(11):3261-3272, 2015, ISSN 1432-7643, IF: 1.304		A	Poziția 260, lista jurnale 2013	8
[D-177] Ji Z, Chen Q, Sun Q, Xia D: Image segmentation with anisotropic weighted fuzzy c-means clustering (Chinese). Journal of Computer-Aided Design and Computer Graphics, 21(10):1451-1459+1466, ISSN: 1003-9775, 2009		D	Conferință nelistată (Google Scholar)	1
[D-178] Al-Jabbouli H: Data clustering using the Bees algorithm and the Kd-Tree structure. PhD thesis, Cardiff University UK, 2009		D	Teză doctorat	1

Lucrare citată		Autori	Punctaj	
Szilágyi SM, Szilágyi L: A fast hierarchical clustering algorithm for large-scale protein sequence data sets. Computers in Biology and Medicine 48:94-101, 2014, ISSN 0010-4825, IF: 1.240		2	17	
Lucrare care citează		Categoria	Justificare	Punctaj
[A-42] Hushiarian R, Yusof NA, Houshiarian N, Abdullah AH, Ahmad SAA: Computer modeling to optimize the sensitivity of an optical DNA nanosensor. Sensors and Actuators B: Chemical 207:716-723, 2015, ISSN 0925-4005, IF: 3.84		A	Conform serviciului web, anul 2014 Domeniul: Engineering	8



[A-43] Gibbons TR, Mount SM, Cooper ED, Delwiche CF: Evaluation of BLAST-based edge-weighting metrics used for homology inference with the Markov Clustering algorithm. BMC Bioinformatics 16:274, 2015, ISSN 1471-2105	A	Poziția 34, lista jurnale 2013	8
[D-179] Abdullah Z, Hamdan AR: Hierarchical clustering algorithms in data mining. International Journal of Computer, Electrical, Automation, Control and Information Engineering 9(10):1904-1909, 2015, ISSN 1307-6892	D	Jurnal nelistat (Google Scholar)	1

Lucrare citată		Autori	Punctaj
Szilágyi L, Benyó Z, Szilágyi SM, Szlávecz Á, Nagy L: On-line QRS complex detection using wavelet filtering. 23rd Annual International Conference of IEEE Engineering in Medicine and Biology Society, Istanbul 1872–1874 (2001), ISBN: 0-7803-7211-5		5	9,66
Lucrare care citează		Categoria	Justificare
[A-44] Vollmer M: Robust detection of heart beats using dynamic threshold and moving windows. Computers in Cardiology (CINC 2014, Cambridge MA), 41:569-572, 2014	A	Poziția 75, lista conferințe 2013	2,666
[B-35] Benmalek M, Charef A: Digital fractional order operators for R-wave detection in electrocardiogram signal. IET Signal Processing, 3(5):381-391, 2009, ISSN 1751-9675, IF: 0.71	B	Poziția 372, lista jurnale 2013	1,333
[B-36] Darrington J: Towards real time QRS detection: a fast method using minimum pre-processing, Biomedical Signal Processing and Control, 1:169-176, 2006, ISSN 1746-8094, IF: 1.074	B	Poziția 299, lista jurnale 2013	1,333
[D-180] Alexandridi A, Panagopoulos I, Manis G, Papakonstantinou G: R-Peak Detection with Alternative Haar Wavelet Filter, 3rd International Symposium on Signal Processing and Information Technology (ISSPIT), pp. 219-222, 2003, ISBN 0-7803-8292-7	D	Conferință nelistată (IEEExplore)	0,333
[D-181] Anita P, Talele KT: ECG feature extraction using wavelet based derivative approach. In: Shah K, Gorty VRL, Phirke A (eds): Technology Systems and Management. Communications in Computer and Information Science, 145:239-247, 2011, ISBN 978-3-642-20208-7 (Springer)	D	Capitol de carte (Springer)	0,333
[D-182] Benmalek M: Contribution a l'analyse de l'electrocardiogramme (ECG) en utilisant les concepts des operateurs d'ordre fractionnaire. Phd thesis, Université Mentouri de Constantine, Algeria, 2011	D	Teză doctorat	0,333
[D-183] Doniec R: Wykorzystanie metod sztucznej inteligencji do regulacji poziomu insuliny w organizmie człowieka. PhD thesis, Gliwice, 2010	D	Teză doctorat	0,333
[D-184] Duraj A: Algorytmy rozpoznawania zespołu QRS w sygnałach elektrokardiograficznych pochodzących od pacjentów z wszczepionym układem stymulującym, PhD Thesis, Uniwersytet Zielonogórski, Wydział Elektrotechniki, Informatyki i Telekomunikacji, Zielona Góra, 2007	D	Teză doctorat	0,333
[D-185] Kher R, Vala D, Pawar T, Thakar VK: Implementation of derivative based QRS complex detection methods, 3rd International Conference on Biomedical Engineering and Informatics, BMEI 2010, vol. 3, pp. 927-931, ISBN: 978-142446496-8 (IEEExplore)	D	Conferință nelistată (IEEExplore)	0,333

[D-186] Kumar P, Jain M, Chandra S: Low Cost, Low Power QRS Detection Module Using PIC. International Conference on Communication Systems and Network Technologies pp. 414-418, 2011, ISBN 978-1-4577-0543-4 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	0,333
[D-187] Ладяев ДА: ИСПОЛЬЗОВАНИЕ ВЕЙВЛЕТА ДОБЕШИ-2 И АЛГОРИТМА БЕРГА-МАССАРА ПРИ РЕШЕНИИ ЗАДАЧИ ОБНАРУЖЕНИЯ QRS-КОМПЛЕКСОВ ЭКГ-СИГНАЛОВ. Системы управления и информационные технологии 2-1(28):162-166, 2007, ISSN 1729-5068	D	Jurnal nelistat (Google scholar)	0,333
[D-188] Ладяев ДА: Алгоритм обнаружения QRS-комплексов ЭКГ-сигналов на основе вейвлет-преобразования. Артикул: 273849, CSc Thesis, Saransk, Russia, 2007.	D	Teză doctorat	0,333
[D-189] Sakarya C, Arica S: QRS Detection With Wavelet Transform Using A Custom Wavelet (Turkish). ELECO'2012 Bursa, pp. 396-400, 2012	D	Conferință nelistată (Google Scholar)	0,333
[D-190] Tadejko P, Rakowski W: QRS complex detection in noisy Holter ECG based on wavelet singularity analysis, Zeszyty Naukowe Politechniki Bialostockiej. Informatyka 6:95-111, 2010, ISSN 1644-0331 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,333
[D-191] Tadejko P, Rakowski W: Singularities Detection System Design for Automatic Analysis of Biomedical Signals and Machine Condition Monitoring and Fault Diagnostics. In: Piotr Lipinski, Konrad Swirski (eds): Towards Modern Collaborative Knowledge Sharing Systems. Studies in Computational Intelligence 401:11-117, 2012 978-3-642-27445-9 (Springer)	D	Capitol de carte (Springer)	0,333
[D-192] Wu QL, He AJ: Heart diseases diagnosing system based on AT91SAM9261S. Modern Electronics Technique 33(14), 2010, DOI:10.3969/j.issn.1004-373X.2010.14.010, ISSN 1004-373X	D	Jurnal nelistat (Scopus)	0,333

Lucrare citată	Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó B, Benyó Z: Intensity inhomogeneity compensation and segmentation of MR brain images using hybrid c-means clustering models. Biomedical Signal Processing and Control, 6(1):3-12 (2011), ISSN: 1746-8094, IF: 1.000	4	10	
Lucrare care citează	Categoria	Justificare	Punctaj
[A-45] Binu D: Cluster analysis using optimization algorithms with newly designed objective functions. Expert Systems with Applications 42:5848-5859, 2015, ISSN: 0957-4174, IF: 1.854	A	Poziția 85, lista jurnale 2013	4
[B-37] Che N, Che X, Gao Z, Wang Z: The segmentation algorithm based on regional dynamic search for MR brain image, ICIC Express Letters 5(8B):2957-2963, 2011, ISSN 1881-803X	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[D-193] Rastgarpour M, Shanbehzadeh J, Soltanian-Zadeh H: A Hybrid Method Based on Fuzzy Clustering and Local Region-Based Level Set for Segmentation of Inhomogeneous Medical Images. Journal of Medical Systems, Springer, 38:68, 2014, ISSN: 1573-689X, IF: 2.213	D	Jurnal nelistat (Google scholar)	0,50
[D-194] Ahmadvand A, Daliri MR: Brain MR image segmentation methods and applications. OMICS Journal of Radiology 3(e130):1-3, 2014, ISSN: 2167-7964	D	Jurnal nelistat (Google scholar)	0,50

[D-195] Aparajeeta J, Nanda PK, Das N: Bias field estimation and segmentation of MR image using modified fuzzy-C means algorithms. 8th Int'l Conference on Advances in Pattern Recognition (ICAPR 2015, Kolkata), pp. 1-6, 2015	D	Conferință nelistată (IEEEExplore)	0,50
[D-196] Chaddad A, Tanougast C, Dandache A: Snake method enhanced using Canny approach implementation for cancer cells detection in real time. 7th Int'l Conference on Biomedical Electronics and Devices (BIODEVICES 2014, Angers, France), pp. 187-192, 2014, ISBN: 978-989758013-0	D	Conferință nelistată (IEEEExplore)	0,50
[D-197] Khashandarag AS, Sakhavati A, Khashandarag AS: A frequency-genetic model to MR brain image segmentation. Journal of Basic and Applied Scientific Research 3(9):211-219, 2013, ISSN: 2090-4304	D	Jurnal nelistat (Google scholar)	0,50
[D-198] Madison AM, Haidekker MA: Imagebased modeling for bioengineering problems. In: Zhang G (Ed): Computational Bioengineering, pp. 425-461, CRC Press, 2015, ISBN 978-1-4665-1756-1	D	Capitol de carte	0,50
[D-199] Na W: Optimization control system for nitrifying process. Int'l Conference on Modelling, Identification and Control (ICMIC 2011), pp. 382-386 (2011)	D	Conferință nelistată (IEEEExplore)	0,50
[D-200] Rastgarpour M, Shanbehzadeh J: A new kernel-based fuzzy level set method for automated segmentation of medical images in the presence of intensity inhomogeneity. Computational and Mathematical Methods in Medicine, art. ID 978373, pp. 1-14,2014,1748-670X, IF: 0.791	D	Conform serviciului web, anul 2014 Domeniul: Mathematics	0,50

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Benyó Z: Analytical and numerical evaluation of the suppressed fuzzy c-means algorithm: a study on the competition in c-means clustering models. Soft Computing, 14(5):495-505, ISSN: 1432-7643, IF: 1.512		3	16
Lucrare care citează	Categoria	Justificare	Punctaj
[A-46] Zhao F, Fan JL, Liu HQ: Optimal-selection-based suppressed fuzzy c-means clustering algorithm with self-tuning non local spatial information for image segmentation. Expert Systems with Applications 41(9):4083-4093, 2014, ISSN: 0957-4174, IF: 1.965	A	Poziția 85, lista jurnale 2013	8
[C-41] Li J, Fan JL: Parameter selection for suppressed fuzzy c-means clustering algorithm based on fuzzy partition entropy. Fuzzy Systems and Knowledge Discovery (FSKD 2014, Xiamen, China), pp. 82-87, 2014, ISBN: 978-1-4799-5147-5	C	Poziția 463, conferințe 2013	2
[D-201] Fan JL, Li J: A fixed suppressed rate selection method for suppressed fuzzy c-means clustering algorithm. Applied Mathematics 5:1275-1283, 2014, ISSN: 2152-7385	D	Jurnal nelistat (Google scholar)	1
[D-202] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>	D	Jurnal nelistat (Google scholar)	1

[D-203] Guo HF, Zhao JM, Pan XQ: Adapting suppressed fuzzy c-regression models algorithms (Chinese). Computer Science 42(2):274-277, 2015, ISSN: 1002-137X	D	Jurnal nelistat (Google scholar)	1
[D-204] Liu Z, Song YQ: An adapted spatial information kernel-based Fuzzy C-Means clustering method. 7th International Congress on Image and Signal Processing (CISP 2014, Dalian), pp. 370-374, 2014	D	Conferință nelistată (IEEEExplore)	1
[D-205] Ma C, Cao A, Zhou Y: Primary research on improved algorithm of ant colony clustering combination. Journal of Shenyang Jianzhu University (Natural Science) 27(4):798-803, ISSN 1671-2021 (Scopus)	D	Jurnal nelistat (Scopus)	1
[D-206] Zhao XQ, Zhou JH: An improved IWO-FCM data mining algorithm. 26th Chinese Control and Decision Conference (CCDC 2014, Changsha), pp. 4997-5001, 2014, ISBN: 978-1-4799-3707-3	D	Conferință nelistată (IEEEExplore)	1

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Benyó Z: A Patient Specific Electro-Mechanical Model of the Heart. Computer Methods and Programs in Biomedicine, 101(2):183-200 (2011), ISSN: 0169-2607, IF: 1.516		3	10
Lucrare care citează	Categoria	Justificare	Punctaj
[A-47] Tavakoli V, Amini AA: A survey of shaped-based registration and segmentation techniques for cardiac images. Computer Vision and Image Understanding 117:966-989, 2013, ISSN 1077-3142, IF: 1.232	A	Poziția 57, lista jurnale 2013	8
[C-42] Potse M: Mathematical Modeling and Simulation of Ventricular Activation Sequences: Implications for Cardiac Resynchronization Therapy. Journal of Cardiovascular Translational Research 5:146-158, 2012, ISSN 1937-5387, IF: 3.062	C	Conform serviciului web, anul 2014 Domeniul: Medicine	2

Lucrare citată		Autori	Punctaj
Szilágyi L, Iclănzan D, Crăciun L, Szilágyi SM: An efficient approach to intensity inhomogeneity compensation using c-means clustering models. Ibero-American Congress on Pattern Recognition (CIARP 2011, Pucón, Chile). In: San Martín C, Kim SW (Eds.): Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications, Springer, LNCS vol. 7042, pp. 312-319, 2011, ISBN 978-3-642-25084-2		1	5
Lucrare care citează	Categoria	Justificare	Punctaj
[A-48] Varvak M: Ellipsoidal/radial basis function neural networks enhanced with the Rvachev function method in application problems. Engineering Applications of Artificial Intelligence 38:111-121, 2015, ISSN: 0952-1976, IF: 1.962	A	Jurnal nelistat (Google Scholar)	4
[D-207] Lefkovits L, Lefkovits Sz, Pop P, Vaida MF: Bias field inhomogeneity measurements. 5 <sup>th</sup> IEEE International Conference on E-Health and Bioengineering (EHB 2015, Iasi), 4 pages, 2015, ISBN 978-1-4673-7545-0	D	Conferință nelistată (Google Scholar)	0,50
[D-208] Lefkovits L, Lefkovits Sz, Pop P, Vaida MF: Survey on MR image processing methods. Acta Technica Napocensis, Electronics and Telecommunications 55(4):13-18, 2014, ISSN 1221-6542	D	Jurnal nelistat (Google Scholar)	0,50

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Iclănzan D, Szabó L: Efficient 3D Curve Skeleton Extraction from Large Objects. In: San Martín C, Kim SW (Eds.): Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications, Springer, LNCS vol. 7042, pp. 133-140 (2011), ISBN: 978-3-642-25084-2.		4	4,50
Lucrare care citează	Categoria	Justificare	Punctaj
[B-38] Bakken RH, Eliassen LM: Real-time three-dimensional skeletonisation using general-purpose computing on graphics processing units applied to computer vision-based human pose estimation. International Journal of High Performance Computing Applications, available online 27 January 2015, doi: 10.1177/1094342014566289, ISSN 1094-3420	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[B-39] Benyó B: Identification of dental root canals and their medial line from micro-CT and cone-beam CT records. BioMedical Engineering OnLine 11:81, pp. 1-17, 2012, ISSN 1475-925X, IF: 1.608	B	Conform serviciului web, anul 2014 Domeniul: Engineering	2
[D-209] Lu L, Wang XW: 3D skeleton extraction method using potential field on OpenCL. International Conference on Computer Science and Service Systems (CSSS 2014, Bangkok), pp. 305-309, 2014	D	Conferință nelistată (Google Scholar)	0,50

Lucrare citată		Autori	Punctaj
Szilágyi SM, Benyó Z, Dávid L, Szilágyi L: Adaptive wavelet-transform-based ECG waveforms detection. 25th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Cancún (Mexico) 2412-2415 (2003), ISBN: 0-7803-7789-3.		4	10
Lucrare care citează	Categoria	Justificare	Punctaj
[B-40] Mazomenos EB, Biswas D, Acharyya A, Chen T, Maharatna K, Rosengarten J, Morgan J, Curzen N: A low-complexity ECG feature extractor algorithm for mobile healthcare applications. IEEE J Biomedical and Health Informatics 17(2):459-469, 2013, ISSN 1089-7771	B	Lista jurnale 2014 (s-a schimbat denumirea jurnalului: IEEE Trans Information Technology in Biomedicine)	2
[C-43] Boutaa M, Bereksi-Reguig F, Debbal SMA: ECG signal processing using multiresolution analysis. Journal of Medical Engineering & Technology 32(6), 466-478, 2008, ISSN 0309-1902 (Google Scholar)	C	Conform serviciului web, anul 2014 Domeniul: Engineering	1
[C-44] Kim TS, Min CH: ECG based patient recognition model for smart healthcare systems. In: Kim TS, Min CH (Eds): Systems Modeling and Simulation: Theory and Applications. Lecture Notes in Artificial Intelligence, vol. 3398, pp. 159-166, 2005, 978-3-540-24477-6	C	LNCS	1
[D-210] Daware K, Nawasalkar R, Deshpande SG, Butey PK: Wireless human ECG extraction: a review. International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSCE), pp. 186-188, 2015, ISSN: 2277-9477	D	Jurnal nelistat (Google Scholar)	0,50
[D-211] Ghosh D, Midya BL, Koley C, Purkait P: Wavelet Aided SVM Analysis of ECG Signals for Cardiac Abnormality Detection. Annual International Conference IEEE INDICON, pp. 9-13, 2005, 0-7803-9503-4	D	Conferință nelistată (IEEEExplore)	0,50
[D-212] Gordillo LA, Reyes-Barranca MA, Medina-Santiago A, Hernández H, Pérez-Patricio M: A geometrical preprocessing approach for ECG waveform recognition. Reunión Internacional de Otoño (ROC&C 2013, Acapulco), paper CP-60, pp. 1-6, 2013	D	Conferință nelistată (Google Scholar)	0,50

[D-213] Jain S, Parsai MP: Comparative Analysis of Various Wavelet Families used for R-Wave Detection of ECG Waveforms. International Journal of Innovative Research in Science, Engineering and Technology 2(10):5177-5181, 2013, ISSN 2319-8753 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	0,50
[D-214] Matsuyama A: ECG and APG signal analysis during exercise in a hot environment, PhD Thesis, Charles Darwin University, Australia, 2009	D	Teză doctorat	0,50
[D-215] Midya BL, Koley C: Pattern Classification of ECG Signals Using Wavelet Aided Self-Organizing Feature Map, In: Soft Computing/Pattern Recognition, Allied Publishers, pp. 267-264, ISBN: 817764632X	D	Capitol de carte (Google Scholar)	0,50
[D-216] Monte GE, Scarone NC, Liscovsky PO: A novel time-domain signal processing algorithm for real time ventricular fibrillation detection. Journal of Physics: Conference Series (SABI 2011) 332:1-10, 2011, ISSN 1742-6588 (Google Scholar)	D	Conferință nelistată (Google Scholar)	0,50
[D-217] Rizzi M, D'Aloia M, Castagnolo B: Fast parallelized algorithm for ECG analysis. WSEAS Transactions on Biology and Biomedicine 8(5):210-219, 2008, ISSN 1109-9518	D	Conform serviciului web, anul 2014 Domeniul: Medicine	0,50
[D-218] Rizzi M, D'Aloia M, Castagnolo B: ECG-QRS detection method adopting wavelet parallel filter banks. 7th WSEAS International Conference on Wavelet Analysis & Multirate Systems 158-163, 2007, ISBN 978-960-6766-10-7	D	Conferință nelistată (Google Scholar)	0,50
[D-219] Wang LC, Chen YQ, Pan M: Development of QRS Detection Technique (Chinese). Space Medicine and Medical Engineering, 19(3):231-234, 2006, ISSN: 1002-0837	D	Jurnal nelistat (Google Scholar)	0,50
[D-220] Zhou HY, Hou KM: Embedded real-time QRS detection algorithm for pervasive cardiac care system. International Conf on Signal Processing – ICSP, pp. 2150-2153, 2008, ISBN 978-1-4244-2178-7	D	Conferință nelistată (IEEEExplore)	0,50
[D-221] Zhou HY, Hou KM, Zuo D: Real-time automatic ECG diagnosis method dedicated to pervasive cardiac care. Wireless Sensor Network 1:276-283, 2009, ISSN 1945-3078	D	Jurnal nelistat (Scopus)	0,50

Lucrare citată		Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó B: Efficient inhomogeneity compensation using fuzzy c-means clustering models. Computer Methods and Programs in Biomedicine, 108(1):80-89 (2012), ISSN: 0169-2607, IF: 1.555		3	14	
Lucrare care citează		Categoria	Justificare	Punctaj
[B-41] Torshizi AD, Zarandi MHF, Torshizi GD, Eghbali K: A hybrid fuzzy-ontology based intelligent system to determine level of severity and treatment recommendation for benign prostatic hyperplasia. Computer Methods and Programs in Biomedicine 113(1):301-313, 2014, ISSN: 0169-2607, IF: 1.555		B	Poziția 315, lista jurnale 2013	4
[C-45] Ahmadvand A, Kribi P: Multispectral MRI image segmentation using Markov random field model. Signal, Image and Video Processing, doi: 10.1007/s11760-014-0734-4, available online: 6 December 2014, ISSN: 1863-1703, IF: 1.019		C	Conform serviciului web, anul 2014 Domeniul: Computer Science	2

[C-46] Wang XN, Lin XB, Yuan Z: An Edge Sensing Fuzzy Local Information C-Means Clustering Algorithm for Image Segmentation. In: Huang DS, Jo KH, Wang L (Eds.): Intelligent Computing Methodologies, Springer, LNCS vol. 8589, pp. 230-240 (2014), ISBN: 978-3-319-09338-3.	C	LNCS	2
[D-222] Aparajeeta J, Nanda PK, Das N: Bias field estimation and segmentation of MR image using modified fuzzy-C means algorithms. 8th Int'l Conference on Advances in Pattern Recognition (ICAPR 2015, Kolkata), pp. 1-6 (2015)	D	Conferință nelistată (IEEEExplore)	1
[D-223] Bu CW, Tang QJ, Liu JY, Wang Y: Inspection on CFRP sheet with subsurface defects using pulsed thermographic technique. Infrared Physics & Technology 65:117-121, 2014, ISSN: 1350-4495, IF: 1.460	D	Conform serviciului web, anul 2014 Domeniul: Material Science	1
[D-224] Cui WC, Wang Y, Fan YY, Feng Y, Lei T: Localized FCM clustering with spatial information for medical image segmentation and bias field estimation. Journal of Biomedical Imaging, article ID 930301, 8 pages, 2013, ISSN: 1687-4188	D	Conform serviciului web, anul 2014 Domeniul: Medicine	1
[D-225] Lefkovits L, Lefkovits Sz, Vaida M: An atlas based performance evaluation of inhomogeneity correcting effects. 5th International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (MACRO 2015, Marosvásárhely), pp. 81-92, 2015	D	Conferință nelistată (Google Scholar)	1
[D-226] Liu JY, Tang QJ, Wang Y, Lu YM, Zhang ZP: Defects' geometric feature recognition based on infrared image edge detection. Infrared Physics & Technology, 67:387-390, 2014, ISSN: 1350-4495, IF: 1.460	D	Conform serviciului web, anul 2014 Domeniul: Material Science	1
[D-227] Sled JG: Intensity nonuniformity correction. In: Toga AW (Ed): Brain Mapping. An encyclopedic Reference, Academic Press, vol 1, pp. 295-299, 2015, ISBN: 978-0-12-397316-0	D	Capitol de carte	1

Lucrare citată	Autori	Punctaj	
Szilágyi SM: Event recognition, separation and classification from ECG recordings. 20th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Hong Kong 236-239 (1998), ISBN: 0-7803-5167-3.	1	11	
Lucrare care citează	Categoria	Justificare	Punctaj
[B-42] Dokur Z, Ölmez T: ECG beat classification by a novel hybrid neural network, Computer Methods and Programs in Biomedicine, 66(2-3):167-181, 2001, ISSN: 0169-2607	B	Poziția 315, lista jurnale 2013	4
[C-47] Huang, X.-M., Zhang, Y. H: A new application of rough set to ECG recognition. International Conference on Machine Learning and Cybernetics, Vol. 3, 1729-1734, 2003.	C	poziția 509, lista conferințe 2013	2
[C-48] Ölmez T, Dokur Z: Application of InP Neural Network to ECG Beat Classification, Neural Computing and Applications, Springer-Verlag, 11, pp. 144-155, 2003	C	poziția 976, lista jurnale 2013	2
[D-228] Huang, X.-M., Zhang, Y. H: A new application of FNN to ECG recognition based on rough set theory. Unknown Chinese Journal 30(5):58-60, 2003.	D	Jurnal nelistat (Google Scholar)	1

[D-229] Mendoza Reyes MA, Lorenzo Ginori JV, Taboada Crispí A: Clasificación de señales electrocardiográficas contaminadas con ruido mediante representaciones tiempo-frecuencia. Universidad, Ciencia y Tecnología, Venezuela, 9(35):125-131, 2005, ISSN: 1316-4821	D	Jurnal nelistat (Google Scholar)	1
[D-230] Olvera, F. E: Electrocardiogram Waveform Feature Extraction Using the Matched Filter. ECE510: Statistical Signal Processing II, pp. 1-6, 2006	D	conferință nelistată (Google Scholar)	1

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Benyó Z: Adaptive ECG compression using support vector machine. In: Rueda L, Mery D, Kittler J (Eds.): Progress in Pattern Recognition, Image Analysis and Applications, Springer, LNCS vol. 4756, pp. 594-603 (2007), ISBN: 978-3-540-76724-4.		3	6
Lucrare care citează	Categoria	Justificare	Punctaj
[B-43] Molina-Picó A, Cuesta-Frau D, Miró-Martínez P, Oltra-Crespo S, Aboy M: Influence of QRS complex detection errors on entropy algorithms. Application to heart rate variability discrimination. Computer Methods and Programs in Biomedicine 110(1):2-11, 2013, ISSN 0169-2607, IF: 1.093	B	Poziția 315, lista jurnale 2013	4
[C-49] Fira M, Goras L, Barabasa C, Cleju N: On ECG compressed sensing using specific overcomplete dictionaries. Advances in Electrical and Computer Engineering 10(4):23-28, 2010, ISSN 1582-7445, IF: 0.552	C	Poziția 557, lista jurnale 2013	2

Lucrare citată		Autori	Punctaj
Szilágyi L, Benyó Z, Szilágyi SM: Brain image segmentation for virtual endoscopy. 26th Annual International Conference of IEEE Engineering in Medicine and Biology Society, San Francisco 1730-1732 (2004), ISBN: 0-7803-8439-3.		3	6
Lucrare care citează	Categoria	Justificare	Punctaj
[B-44] Zhao Q, Song J, Wu J: Improved fuzzy c-means segmentation algorithm for images with intensity inhomogeneity. In: Melín P, Castillo O, Ramírez EG, Kaczprzych J, Pedrycz W (Eds.): Analysis and Design of Intelligent Systems Using Soft Computing Techniques, Springer, Advances in Soft Computing vol. 41, pp. 150-159, 2007, ISBN: 978-3-540-72431-5 (Springer, Scopus)	B	IFSA poziția 214, lista conferințe 2013	4
[C-50] Song J, Zhao Q, Wang Y, Tian J: Gain field correction fast fuzzy c-means algorithm for segmenting magnetic resonance images. In: Yang Q, Webb G: PRICAI 2006: Trends in Artificial Intelligence. Lecture Notes in Computer Science, vol. 4099, pp. 1242-1247, 2006 (PRICAI), ISBN 978-3-540-36667-6	C	LNCS	2



Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Dávid L: Comparison between neural-network-based adaptive filtering and wavelet transform for ECG characteristic points detection. 19th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Chicago 272–274 (1997)		3	24
Lucrare care citează	Categoria	Justificare	Punctaj
[B-45] Tsipouras MG, Exarchos TP, Fotiadis DI, Kotsia A, Vakalis KV, Naka KK, Michalis LK: Automated diagnosis of coronary artery disease based on data mining and fuzzy modeling. IEEE Transactions on Information Technology in Biomedicine 12:447–458 (2008), 2013, ISSN 1089-7771	B	Lista jurnale 2014 (s-a schimbat denumirea jurnalului: IEEE Trans Information Technology in Biomedicine)	4
[D-231] Benyó Z: Education and research in biomedical engineering of the Budapest University of Technology and Economics. Acta Physiologica Hungarica 93(1):13-21, 2006, ISSN 0231-424X, IF: 0.882	D	Conform serviciului web, anul 2014 Domeniul: Medicine	1
[D-232] Benyó B: Computer-aided Analysis of Physiological Systems, Acta Polytechnica Hungarica, 4(4): 55-68, 2007, ISSN: 1785-8860, IF: 0.588	D	Jurnal nelistat	1
[D-233] Benyó Z: Biomedical engineering education and research in Hungary. 8th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics, CINTI 2007, pp. 129-137 (Scopus)	D	Conferință nelistată (IEEEExplore)	1
[D-234] Botter EA, Nascimento Junior CL, Yoneyama T: Redes neurais auto-organizáveis para classificação de sinais eletrocardiográficos atriais, Integração, Ano XI, No. 40, pp. 51-56, 2005, ISSN 1413-6147 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-235] Côco KF, Almeida AR, Salles EOT: Neural ECG classification based on the energy of the wavelet coefficients. VI Simpósio Brasileiro de Automação Inteligente (SBAI 2003, Bauru), pp. 72-76, 2003	D	Conferință nelistată (Google Scholar)	1
[D-236] Gothiwarekar A, Narawade V, Harale N: The application of wavelet and feature vectors to ECG signals. International Journal of Scientific & Engineering Research 3(11):1-5, 2012, ISSN 2229-5518	D	Jurnal nelistat (Google Scholar)	1
[D-237] Guilak FG: A spline framework for optimal representation of semiperiodic signals. PhD Thesis, Portland State University, 2015	D	Teză doctorat	1
[D-238] Li XJ, Chen YQ: New progress in QRS detection algorithm based on frequency transform, Biomedical Engineering Foreign Medical Sciences, 28(5):281-286, 2005 (Scopus)	D	Jurnal nelistat (Scopus)	1
[D-239] Matsuyama A, Jonkman M, de Boer F: Improved ECG Signal Analysis Using Wavelet and Feature Extraction. Methods of Information in Medicine 46(2):227-230, 2007, ISSN: 0026-1270, IF: 1.600	D	Jurnal nelistat (Google Scholar)	1
[D-240] Matsuyama A, Jonkman M: The Application of Wavelet and Feature Vectors to ECG Signals, TENCON'05, Melbourne, Article number 4085178, pp. 1-4, 2005, ISBN 0-7803-9311-2 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1
[D-241] Matsuyama A, Jonkman M: The application of wavelet and feature vectors to ECG signals, Australasian Physical and Engineering Sciences in Medicine 29(1):13-17, 2006, ISSN 0158-9938 (Springer)	D	Jurnal nelistat (Springer)	1

[D-242] Matsuyama A: ECG and APG signal analysis during exercise in a hot environment, PhD Thesis, Charles Darwin University, Australia, 2009	D	Teză doctorat	1
[D-243] Rodrigo Lício Ortolan: Estudo e avaliação de técnicas de processamento do sinal mioelétrico para o controle de sistemas de reabilitação, PhD thesis, Escola de Engenharia de São Carlos da Universidade de São Paulo, 2002	D	Teză doctorat	1
[D-244] Sotos JM, Amau JMB, Aranda AMT, Melendez CS: Removal of muscular and artefacts noise from the ECG by a neural network. IEEE International Conference on Industrial Informatics (INDIN'07), pp. 687-692, 2007, ISBN 978-1-4244-0851-1 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1
[D-245] Stadler RW, Nelson SD, Stylos L, Sheldon T: Method and Apparatus for Analyzing Electrocardiogram Signals, Patent No. 1164931, 2007	D	Brevet internațional	1
[D-246] Tian XL, Yan CH, Yu YQ, Wang TiX: R-wave Detection of ECG Signal by Using Wavelet Transform (Chinese). Journal of Biomedical Engineering 23(2):257-261, 2006, ISSN 1001-5515 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-247] Tsiouras MG, Exarchos TP, Fotiadis DI, Kotsia A, Naka A, Michails LK: A decision support system for the diagnosis of coronary artery disease. IEEE Symposium on Computer-Based Medical Systems (CBMS), pp. 279-284, 2006, ISBN 0-7695-2517-1 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1
[D-248] Wen LF, Meng ZH, Zhang YH, Bai J: New developments of QRS complex detection methods, Foreign Medicine: Biomedical Engineering, 24(5):193-197, 2001, ISSN 1001-1110 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-249] Yao H, Wang JG: Development of QRS Complex Detection Algorithm in ECG Signal. Progress in Modern Biomedicine 12(20):3988-3991, 2012, ISSN 1673-6273 (Google Scholar)	D	Jurnal nelistat (Google Scholar)	1
[D-250] Zhang Y, Wang P, Zhang G: An information fusion approach and its application based on D-S evidence theory and neural network. 27th Chinese Control Conference, pp. 623-626, 2008, ISBN 978-7-900719-70-6 (IEEEExplore)	D	Conferință nelistată (IEEEExplore)	1

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Fördős G, Benyó Z: Quick ECG analysis for on-line Holter monitoring systems. 28th Annual International Conference of IEEE Engineering in Medicine and Biology Society, New York 1678-1681 (2006), ISBN 1-4244-0033-3.		4	4
Lucrare care citează	Categoria	Justificare	Punctaj
[B-46] Korürek M, Nizam A: Clustering MIT-BIH arrhythmias with Ant Colony Optimization using time domain and PCA compressed wavelet coefficients. Digital Signal Processing 20(4): 1050-1060, 2010, ISSN 1051-2004, IF: 1.918	B	Conform serviciului web, anul 2014 Domeniul: Computer Science	2
[D-251] Bera SC, Sarkar R: Fourier analysis of normal ECG signal to find its maximum harmonic content by signal reconstruction. Sensors and Transducers 123(12): 106-117, 2010, ISSN 1726-5479	D	Jurnal nelistat (Google Scholar)	0,50

[D-252] Bera SC, Sarkar R, Mandal N: A review work on reconstruction of ECG wave from Fourier harmonic components. IEEE Region 10 Colloquium and 3rd Int'l Conference on Industrial and Information Systems, ICIS 2008, pp. 1-5, 2008, ISBN 978-1-4244-2806-9	D	Conferință nelistată (IEEEExplore)	0,50
[D-253] Greenstein E, Rosenthal JE: ECG telemetry and long term electrocardiography. In: Goldberger JJ, Ng J: Practical signal and image processing in clinical cardiology, Springer, Part 2, pp. 303-317, 2010, ISBN 978-1-84882-514-7	D	Capitol de carte (Springer)	0,50
[D-254] Yuan JZ: On improved K-nearest neighbor algorithm used for classification of waveforms of dynamic electrocardiogram. Journal of Tianjin Normal University (Natural Sciences Series), 2008, no. 3, pp. 63-66, ISSN 1671-1114	D	Jurnal nelistat (Google Scholar)	0,50

Lucrare citată	Autori	Punctaj	
Szilágyi L, Varga ZsR, Szilágyi SM: Application of the fuzzy-possibilistic product partition in elliptic shell clustering. In: Torra V, Narukawa Y, Endo Y (Eds.): Modeling Decisions for Artificial Intelligence, Springer, LNCS vol. 8825, pp. 158-169 (2014), ISBN: 978-3-319-12053-9.	4	4	
Lucrare care citează	Categoria	Justificare	Punctaj
[B-47] Torra V: On the selection of m for fuzzy c-means. IFSA-EUSFLAT-15, Gijón, Spain, pp. 1571-1577, 2015, ISBN: 978-94-62520-77-6	B	IFSA poziția 214, lista conferințe 2013	4

Lucrare citată	Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó B, Benyó Z: Application of hybrid c-means clustering models in inhomogeneity compensation and MR brain image segmentation. SACI 2009 Timișoara, pp. 105-110, ISBN 978-1-4244-4478-6 (2009)	4	7,50	
Lucrare care citează	Categoria	Justificare	Punctaj
[C-51] Chi D, Cheng W: A hybrid clustering method for automatic medical image segmentation, Journal of Computational Information Systems 6(6):1983-1993, 2010, ISSN: 1553-9105 (Scopus)	C	Poziția 862, lista jurnale 2013	1
[D-255] Chi D, Zhao Y, Li M: Automatic liver MR image segmentation with self-organizing map and hierarchical agglomerative clustering method. 3rd International Congress on Image and Signal Processing, CISP 2010, pp. 1333-1337, ISBN 978-1-4244-6513-2	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-256] Chi DX, Zhao FJ, Li M, Zhao Y, Liu WH: Hybrid clustering method for segmentation of liver magnetic resonance image. Journal of Shanghai Dianji University 13(5):270-275, 2010, ISSN 1671-2730 (Scopus)	D	Jurnal nelistat (Scopus)	0,50
[D-257] Selvaraj Assley PSB, Chellakkon HS: A comparative study on medical image segmentation. Applied Medical Informatics 34(1):31-45, 2014, ISSN 1224-5593	D	Conform serviciului web <a href="http://78.96.45.251/DanCristea/index.html">http://78.96.45.251/DanCristea/index.html</a>	0,50

[D-258] Venu N, Anuradha B: A novel multiple-kernel based fuzzy c-means algorithm with spatial information for medical image segmentation. International Journal of Image Processing (IJIP) 7(3):286-301, 2013, ISSN 1985-2304 (Scopus)	D	Jurnal nelistat (Scopus)	0,50
[D-259] Venu N, Anuradha B: PSNR based fuzzy clustering algorithms for medical image segmentation. International Journal of Image Processing and Visual Communication (IJIP) 2(2):1-7, 2013, ISSN 2319-1724 (Scopus)	D	Jurnal nelistat (Google Scholar)	0,50
[D-260] Venu N, Anuradha B: Two different multi-kernels for fuzzy c-means algorithm for medical image segmentation. International Journal of Engineering Trends and Technology (IJETT) 20(2):77-82, 2015, ISSN 2231-5381	D	Jurnal nelistat (Google Scholar)	0,50
[D-261] Venu N, Anuradha B: Brain MRI medical image segmentation using fuzzy based clustering algorithms. International Journal of Engineering Trends and Technology (IJETT) 22(2):83-88, 2015, ISSN 2231-5381	D	Jurnal nelistat (Google Scholar)	0,50
[D-262] Venu N, Anuradha B: Two different multi-kernels integration with spatial information in fuzzy C-means algorithm for medical image segmentation. International Conference on Communications and Signal Processing (ICCSP 2015, Melmaruvathur, India), pp. 20-25, ISBN: 978-1-4799-8080-2	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-263] Venu N, Anuradha B: Integration of hyperbolic tangent and Gaussian kernels for Fuzzy C-means algorithm with spatial information for MRI segmentation. Fifth International Conference on Advanced Computing (ICoAC 2013, Chennai, India), pp. 280-285, ISBN: 978-1-4799-3447-8	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-264] Venu N: Performance and evaluation of Gaussian kernels for FCM algorithm with mean filtering based denoising for MRI segmentation. International Conference on Communications and Signal Processing (ICCSP 2014, Melmaruvathur, India), pp. 1680-1685, ISBN: 978-1-4799-3357-0	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-265] Venu N, Anuradha B: Multi-hyperbolic tangent fuzzy c-means algorithm for MRI segmentation. Elsevier Proc. of Int. Conf. on Advances in Communication, Network, and Computing (CNC 2014, Chennai, India), pp. 333-341, 2014	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-266] Venu N: Gaussian kernels for FCM algorithm with mean and peak-valley-kernal filtering based denoising for MRI segmentation using PSNR analysis. Int'l Conference on Computation of Power, Energy, Information and Communication (ICCPEIC 2014, Chennai, India), pp. 1185-1190, 2014, ISBN 978-1-4799-3826-1	D	Conferință nelistată (IEEEExplore, Scopus)	0,50
[D-267] Venu N: Performance analysis of FCM algorithm with peak-and-valley based mean and median filtering based denoising for MRI segmentation. ACS – International Journal in Computational Intelligence, 5(1):53-59, 2014	D	Jurnal nelistat (Google Scholar)	0,50

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Benyó Z: Analytical and numerical evaluation of the suppressed fuzzy c-means algorithm. In: Torra V, Narukawa Y (Eds.): Modeling Decisions for Artificial Intelligence, Springer, LNCS vol. 5285, pp. 146-157 (2008), ISBN: 978-3-540-88268-8.		3	5
Lucrare care citează	Categoria	Justificare	Punctaj
[C-52] Li J, Fan JL: Parameter selection for suppressed fuzzy c-means clustering algorithm based on fuzzy partition entropy. Fuzzy Systems and Knowledge Discovery (FSKD 2014, Xiamen, China), pp. 82-87, 2014, ISBN: 978-1-4799-5147-5	C	poziția 463, lista conferințe 2013	2
[D-268] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>	D	Jurnal nelistat	1
[D-269] Fan JL, Li J: A fixed suppressed rate selection method for suppressed fuzzy c-means clustering algorithm. Applied Mathematics 5:1275-1283, 2014, ISSN: 2152-7385	D	Jurnal nelistat (Google scholar)	1
[D-270] Seo J, Kang M, Kim CH, Kim JM: A heterogeneous fuzzy clustering approach for reliable audio genre classification. International Conference on Image Processing, Computer Vision, and Pattern Recognition (ICCV 2014, Las Vegas) paper IPC3108, pp. 1-8, 2014	D	Conferință nelistată (dblp)	1

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Benyó Z: A thorough analysis of the suppressed fuzzy c-means algorithm. In: Ruiz-Schulcloper J, Kropatsch WG (Eds.): Progress in Pattern Recognition, Image Analysis and Applications, Springer, LNCS vol. 5197, pp. 203-210 (2008), ISBN: 978-3-540-85919-2.		3	5
Lucrare care citează	Categoria	Justificare	Punctaj
[C-53] Li J, Fan JL: Parameter selection for suppressed fuzzy c-means clustering algorithm based on fuzzy partition entropy. Fuzzy Systems and Knowledge Discovery (FSKD 2014, Xiamen, China), pp. 82-87, 2014, ISBN: 978-1-4799-5147-5	C	poziția 463, lista conferințe 2013	2
[D-271] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>	D	Jurnal nelistat	1
[D-272] Fan JL, Li J: A fixed suppressed rate selection method for suppressed fuzzy c-means clustering algorithm. Applied Mathematics 5:1275-1283, 2014, ISSN: 2152-7385	D	Jurnal nelistat (Google scholar)	1
[D-273] Somasundaram K, Kalaiselvi T: A comparative study of segmentation techniques used for MR brain images. International Conference on Image Processing, Computer Vision & Pattern Recognition (ICCV 2009, Las Vegas) pp. 597-603, 2009, ISBN 1-60132-119-8	D	Conferință nelistată (dblp)	1

Lucrare citată		Autori	Punctaj	
Szilágyi L, Szilágyi SM, Dávid L, Benyó Z: Inhomogeneity compensation for MR brain image segmentation using a multi-stage FCM-based approach. 30th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Vancouver 3896–3899, ISBN 978-1-4244-1814-5, ISSN 1557-170X, (2008)		4	2	
Lucrare care citează		Categoria	Justificare	Punctaj
[C-54] Chi D, Cheng W: A hybrid clustering method for automatic medical image segmentation, Journal of Computational Information Systems 6(6):1983-1993, 2010, ISSN: 1553-9105 (Scopus)		C	Poziția 862, lista jurnale 2013	1
[D-274] Chi D, Zhao Y, Li M: Automatic liver MR image segmentation with self-organizing map and hierarchical agglomerative clustering method. 3rd International Congress on Image and Signal Processing, CISP 2010, pp. 1333-1337, ISBN 978-1-4244-6513-2		D	Conferință nelistată (IEEExplore, Scopus)	0,50
[D-275] Chi DX, Zhao FJ, Li M, Zhao Y, Liu WH: Hybrid clustering method for segmentation of liver magnetic resonance image. Journal of Shanghai Dianji University 13(5):270-275, 2010, ISSN 1671-2730		D	Jurnal nelistat (Scopus)	0,50

Lucrare citată		Autori	Punctaj	
Szilágyi SM, Szilágyi L, Iclănzan D, Dávid L, Frigy A, Benyó Z: Intensity inhomogeneity correction and segmentation of magnetic resonance images using a multi-stage fuzzy clustering approach. Neural Network World, 19:513-528 (2009), ISSN: 1210-0552, IF: 0.475		6	0,75	
Lucrare care citează		Categoria	Justificare	Punctaj
[C-55] Berkane M, Clarysse P, Njiwa JY, Zhu YM, Magnin IE: A neural network based summarizing method of periodic image sequences. Neural Network World, 20(6):687-703 (2010), ISSN 1210-0552, IF: 0.511		C	Poziția 977, lista jurnale 2013	0,50
[D-276] Tarek KM, Farouk B: Kohonen maps combined to fuzzy c-means, a two-level clustering approach. Application to electricity load data. In: Mwasiagi JI (Ed.): Self Organizing Maps – Applications and Novel Algorithm Design, Intech, 2011, ISBN 978-953-307-546-4, pp. 541-558		D	Capitol de carte (Google Scholar)	0,25

Lucrare citată		Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó Z: Automated medical image processing methods for virtual endoscopy. World Congress on Medical Physics and Biomedical Engineering (WC2006), Seoul. IFMBE Proceedings 14:2267–2270 (2007), ISSN 1727-1983		3	2	
Lucrare care citează		Categoria	Justificare	Punctaj
[C-56] Popescu D, Amza CG, Lăptoiu D, Amza G: Competitive Hopfield neural network model for evaluating pedicle screw placement accuracy. Strojnicki Vestnik – Journal of Mechanical Engineering 58(9):509-516, 2012, ISSN: 0039-2480, IF: 0.883		C	Conform serviciului web, anul 2014 Domeniul: Engineering	2

Lucrare citată		Autori	Punctaj	
Szilágyi L, Medvés L, Szilágyi SM: A modified Markov clustering approach to unsupervised classification of protein sequences. Neurocomputing, 73(13-15):2332-2345 (2010), ISSN: 0925-2312, IF: 1.429		3	2	
Lucrare care citează		Categoria	Justificare	Punctaj
[C-57] Ren J, Cao S, Hu C: A hierarchical clustering algorithm based on dynamic programming for categorical sequences. Journal of Computational Information Systems 7(5):1575-1581, 2011, ISSN 1553-9105		C	Poziția 862, lista jurnale 2013	2

Lucrare citată		Autori	Punctaj	
Szilágyi SM: The limits of heart-model-based computerized ECG diagnosis. 22nd Annual International Conference of IEEE Engineering in Medicine and Biology Society, Chicago 1913–1916 (2000), ISBN: 0-7803-6465-1.		1	2	
Lucrare care citează		Categoria	Justificare	Punctaj
[C-58] Lahiri T, Sarkar S, Sanyal S, Morozov AA, Obukhov YV: Clustering of signal components within most likely ECG episodes to analyze the ECG-waves. Pattern Recognition and Image Analysis 19(1): 30-34, 2009, ISSN 1054-6618		C	poziția 993, lista jurnale 2013	2

Lucrare citată		Autori	Punctaj	
Szilágyi L, Szilágyi SM, Benyó Z: A Unified Approach to c-Means Clustering Models. IEEE Conference on Fuzzy Systems, Jeju Island (S. Korea), pp. 456-461 (2009), ISBN 978-1-4244-3597-5		3	3	
Lucrare care citează		Categoria	Justificare	Punctaj
[D-277] Kumar S, Kumar N: Fuzzy time series based method for wheat production forecasting. International Journal of Computer Applications 44(12):5-10, 2012, ISSN 2250-1797, IF: 0.82		D	Jurnal nelistat (Google Scholar)	1
[D-278] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>		D	Conferință nelistată (Google Scholar)	1
[D-279] Seo J, Kang M, Kim CH, Kim JM: A Heterogeneous Fuzzy Clustering Approach for Reliable Audio Genre Classification. WorldComp 2014, pp. 1-8, <a href="http://worldcomp-proceedings.com/proc/p2014/IPC3108.pdf">http://worldcomp-proceedings.com/proc/p2014/IPC3108.pdf</a>		D	Jurnal nelistat (Google Scholar)	1

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Benyó Z: Echocardiographic image sequence compression based on spatial active appearance model. In: Rueda L, Mery D, Kittler J (Eds.): Progress in Pattern Recognition, Image Analysis and Applications, Springer, LNCS vol. 4756, pp. 841-850 (2007), ISBN: 978-3-540-76724-4.		3	3
Lucrare care citează	Categoria	Justificare	Punctaj
[D-280] Kountchev R, Ivanov P: Decorrelation of sequences of medical CT images based on the hierarchical adaptive KLT. In: Kountchev R, Inatovics B (eds): Advances in Intelligent Analysis of Medical Data and Decision Support Systems. Studies in Computational Intelligence 473:41-55, 2013, ISBN 978-3-319-00029-9	D	Capitol de carte	1
[D-281] Kountchev R: Application of the hierarchical adaptive PCA for processing of medical CT images. Egyptian Computer Science Journal 37(3):1-25, 2013, ISSN: 1110-2586	D	Jurnal nelistat (Google Scholar)	1
[D-282] Lecellier F: Les contours actifs basés région avec a priori de bruit, de texture et de forme: application à l'échocardiographie, PhD Thesis, Univ. Caen, France, 2009.	D	Teză de doctorat	1

Lucrare citată		Autori	Punctaj
Csemáth G, Szilágyi L, Szilágyi SM, Fördös G, Benyó Z: A Novel ECG Telemetry and Monitoring System Based on Z-Wave Communication. 30th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Vancouver 2361-2364, ISBN 978-1-4244-1814-5, ISSN 1557-170X, (2008)		5	2
Lucrare care citează	Categoria	Justificare	Punctaj
[D-283] Casillas M, Villarreal-Reyes S, González AL, Martinez E, Perez-Ramos A: Design guidelines for wireless sensor network architectures in mHealth mobile patient monitoring scenarios. In: Adibi S (Ed.): Mobile Health. A technology road map. Springer Series in Bio-/Neuroinformatics, vol. 5, pp. 401-428, 2015, ISBN 978-3-319-12816-0	D	Capitol de carte	0,333
[D-284] Długosz M, Chronowski J, Baranowski J, Płatek P, Mitkowski W, Skruch P: Wireless home automation system working in a standard Z-Wave network (Polish). Pomiary Automatyka Robotyka 2013(7-8):100-106, 2013, ISSN: 1427-9126	D	Jurnal nelistat (Google Scholar)	0,333
[D-285] Długosz M: Oszczędny dom - przegląd dostępnych technologii bezprzewodowych. XII International PhD Workshop (OWD 2010) pp. 293-296, 2010	D	Conferință nelistată (Google Scholar)	0,333
[D-286] Tsau Y, Jiang XL, Yu Y, Xu T, Chen JF, Shi B, Yang S, Liu SY: A new approach to the diagnostic quality ambulatory ECG recordings. IEEE Int'l Conference on Information and Automation (ICIA), pp. 85-90, 2011 ISBN 978-1-4577-0268-6	D	Conferință nelistată (IEEExplore, Scopus)	0,333
[D-287] Wu HK: Study of Backoff Algorithm and Duty Cycle Management in IEEE 802.15.4 WPAN, PhD Thesis, Lingtung University, Taiwan, 2009	D	Teză doctorat	0,333
[D-288] Yundra E: Design and Analysis of High Performance Wireless Sensor Networks. PhD Thesis, National Taiwan University of Science and Technology, 2015	D	Teză doctorat	0,333



Lucrare citată		Autori	Punctaj
Szilágyi L, Iclănzan D, Szilágyi SM, Dumitrescu D, Hirsbrunner B: A Generalized C-Means Clustering Model Using Optimized Via Evolutionary Computation. IEEE Conference on Fuzzy Systems, Jeju Island (S. Korea), pp. 451-455 (2009), ISBN 978-1-4244-3597-5		5	1,33
Lucrare care citează	Categoria	Justificare	Punctaj
[D-289] Xiao M, Zhang J, Zhou L: The evolutionary algorithm of fuzzy weighting exponent based on subset measuring. 2010 International Conference on Intelligent System Design and Engineering Application, ISDEA 2010, pp. 651-654, 2010	D	Conferință nelistată (IEEExplore, Scopus)	0,33
[D-290] Xiao MS, Zhang JW: The Weighted exponent Calculation Method of FCM Clustering Based on Subset Measuring (Chinese). Fuzzy Systems and Mathematics 27(2):unknown, 2013, ISSN: 1001-7402, DOI: 10.3969/j.issn.1001-7402.2013.02.022	D	Jurnal nelistat (Google Scholar)	0,33
[D-291] Zhou LJ, Wang JY: Evolution computing method of fuzzy weighted exponent based on subset measuring (Chinese). Computer Engineering and Design 32(5):1777-1780, ISSN 1000-7024, 2011	D	Jurnal nelistat (Scopus)	0,33
[D-292] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>	D	Jurnal nelistat (Google Scholar)	0,33

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Frigy A, László SE, Görög LK, Benyó Z: Quick QRS complex detection for on-line ECG and Holter systems. 27th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Shanghai 3906–3908 (2005), ISBN 0-7803-8741-4.		6	1,25
Lucrare care citează	Categoria	Justificare	Punctaj
[D-293] Singh SS: Effectiveness of a Handheld Remote ECG Monitor, PhD Thesis, University of North Carolina, Chapel Hill, 2006	D	Teză doctorat	0,25
[D-294] Daqrouq K, Abu-Isbeih IN, Al-Qawasmi AR: QRS complex detection based on Symmlets wavelet function. 5th International Multi-Conference on Systems, Signals & Devices (SSD'08), art #4632788, 2008.	D	Conferință nelistată (Google Scholar)	0,25
[D-295] Greenstein E, Rosenthal JE: ECG telemetry and long term electrocardiography. In: Goldberger JJ, Ng J: Practical signal and image processing in clinical cardiology, Springer, Part 2, pp. 303-317, 2010	D	Capitol de carte	0,25
[D-296] Wu QL, He AJ: Heart diseases diagnosing system based on AT91SAM9261S (Chinese). Modern Electronics Technique 33(14), 2010, DOI:10.3969/j.issn.1004-373X.2010.14.010, ISSN 1004-373X	D	Jurnal nelistat (Google Scholar)	0,25
[D-297] Sankara Subramanian A: Certain investigations on ecg feature extraction using wavelet transform and classification of ventricular arrhythmia. PhD thesis, Anna University, Chennai, India, 2014	D	Teză doctorat	0,25

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Kiss Cs: A generalized approach to the suppressed fuzzy c-means algorithm. In: Torra V, Narukawa Y, Dumas M (Eds.): Modeling Decisions for Artificial Intelligence, Springer, LNCS vol. 6408, pp. 140-151 (2010), ISBN: 978-3-642-16291-6.		3	1
Lucrare care citează		Categoria	Justificare
[D-298] Fan JL: A brief overview on suppressed fuzzy c-means clustering (Chinese). Journal of Xi'an University of Posts and Telecommunications 19(3):5pages, 2014, ISSN: 2095-6533, <a href="http://www.cqvip.com/read/read.aspx?id=50032093#">http://www.cqvip.com/read/read.aspx?id=50032093#</a>		D	Jurnal nelistat (Google Scholar)

Lucrare citată		Autori	Punctaj
Medvés L, Szilágyi L, Szilágyi SM: A modified Markov clustering approach for protein sequence clustering. In: Chetty M, Ngom A, Ahmad S (Eds.): Pattern Recognition in Bioinformatics, Springer, LNCS vol. 5265, pp. 110-120 (2008), ISBN: 978-3-540-88434-7.		3	1
Lucrare care citează		Categoria	Justificare
[D-299] Ebadat AR: Toward robust information extraction models for multimedia documents (French). PhD Thesis, INSA Rennes France, 2012, <a href="http://hal.archives-ouvertes.fr/tel-00760383/">http://hal.archives-ouvertes.fr/tel-00760383/</a>		D	Teză doctorat

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Benyó Z: Volumetric analysis of the heart using echocardiography. In: Sachse FB, Seemann G (Eds.): Functional Imaging and Modeling of the Heart, Springer, LNCS vol. 4466, pp. 81-90 (2007), ISBN: 978-3-540-72906-8.		3	1
Lucrare care citează		Categoria	Justificare
[D-300] Dindoyal I: Foetal echocardiographic segmentation, PhD thesis, Dept. of Medical Physics and Bioengineering, University College London, 2009		D	Teză doctorat

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L: Efficient ECG signal compression using adaptive heart model. 23rd Annual International Conference of IEEE Engineering in Medicine and Biology Society, Istanbul 2125-2128 (2001), ISBN: 0-7803-7211-5		5	1
Lucrare care citează		Categoria	Justificare
[D-301] Simske SJ, Blakley DR, Zhang T: System for compression of physiological signals, US Patent 7310648		D	Brevet internațional

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Dávid L: ECG signal compression using adaptive prediction. 19th Annual International Conference of IEEE Engineering in Medicine and Biology Society, Chicago 101–104 (1997)		3	1
Lucrare care citează		Categoria	Justificare
[D-302] Matsuyama A: ECG and APG signal analysis during exercise in a hot environment, PhD Thesis, Charles Darwin University, Australia, 2009		D	Teză doctorat

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM: Generalization rules for the suppressed fuzzy c-means algorithm. Neurocomputing 139:298–309, 2014, ISSN 0925-2312, IF: 2.083		2	1
Lucrare care citează		Categoria	Justificare
[D-303] Liu Z, Song YQ: An adapted spatial information kernel-based Fuzzy C-Means clustering method. 7th International Congress on Image and Signal Processing (CISP 2014, Dalian, China), pp. 370-374, 2014		D	Conferință nelistată (IEEEExplore)

Lucrare citată		Autori	Punctaj
Szilágyi SM, Szilágyi L, Benyó Z: Recognition of various events from 3-D heart model. 16th IFAC World Congress, Prague 107–112 (2005), ISBN 978-3-902661-75-3		3	1
Lucrare care citează		Categoria	Justificare
[D-304] Liang LQ, Yang YX, Luo J, Zhou LM, Hong WC: A wireless ECG monitoring system with new waveform recognition method. In: Luo QM, Qang LHV, Tuchin VV: Advances in Biomedical Photonics and Imaging (PIBM 2007, Wuhan), pp. 298-302, 2008, ISBN: 978-981-283-233-7		D	Conferință nelistată (Google Scholar)

Lucrare citată		Autori	Punctaj
Szilágyi SM: Non-linear adaptive prediction based ECG signal filtering. 21st Annual International Conference of IEEE Engineering in Medicine and Biology Society, Atlanta 296 (1999), ISBN: 0-7803-5674-8.		1	1
Lucrare care citează		Categoria	Justificare
[D-305] Shahrava B: Optimal adaptive prediction for SISO systems. J of Circuits, Systems, and Computers, 18(5):993-1003, 2009, ISSN 0218-1266		D	Jurnal nelistat (Google Scholar)

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Dávid L, Benyó Z: Multi-stage FCM-based intensity inhomogeneity correction for MR brain image segmentation. In: Kurková V, Neruda R, Koutník J (Eds.): Artificial Neural Networks, Springer, LNCS vol. 5164, pp. 527-536 (2008), ISBN: 978-3-540-85237-7		4	0,50
Lucrare care citează	Categoria	Justificare	Punctaj
[D-306] Lu BB, Jia ZH, Yang J, Hu R: A new Fuzzy C-means algorithm based on gray value compensation and spatial information for aerial image segmentation. Guangdianzi Jiguang/Journal of Optoelectronics Laser 22(3):469-473, 2011, ISSN 1005-0086 (Google Scholar)	D	Jurnal nelistat (Google scholar)	0,50

Lucrare citată		Autori	Punctaj
Szilágyi L, Szilágyi SM, Frigy A, Dávid L, Benyó Z: Quick ECG segmentation, artifact detection, and risk estimation methods for on-line Holter monitoring systems. World Congress on Medical Physics and Biomedical Engineering (WC2006), Seoul. IFMBE Proceedings 14:914-917 (2007), ISSN 1727-1983		5	0,33
Lucrare care citează	Categoria	Justificare	Punctaj
[D-307] Mihel J, Magjarevic R: FPGA based two-channel ECG sensor node for wearable applications. IFMBE Proc. Vol. 22 (ECIFMBE'08), pp. 1208-1211, ISSN: 1680-0737, 2009 (Springer, Scopus)	D	Conferință nelistată (Springer)	0,33