Mariusz Bajger

List of Publications by Year in descending order

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Version: 2024-02-01

37	288	1477746 6	1125271 13
papers	citations	h-index	g-index

39	39	39	218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Network Graph Analysis of Hospital and Health Services Functional Structures. Lecture Notes in Computer Science, 2022, , 33-44.	1.0	2
2	Texture enhanced Statistical Region Merging with application to automatic knee bones segmentation from CT. , 2021, , .		2
3	Lumbar Spine CT synthesis from MR images using CycleGAN - a preliminary study. , 2021, , .		1
4	On the Continuous Cancellative Semigroups on a Real Interval and on a Circle and Some Symmetry Issues. Symmetry, 2020, 12, 1974.	1.1	0
5	Prior Guided Segmentation and Nuclei Feature Based Abnormality Detection in Cervical Cells. , 2019, , .		5
6	SRM Superpixel Merging Framework for Precise Segmentation of Cervical Nucleus. , 2019, , .		5
7	Organs-at-Risk Contouring on Head CT for RT Planning Using 3D Slicerâ€“ A Preliminary Study. , 2019, , .		5
8	Graph Modeling for Identifying Breast Tumor Located in Dense Background of a Mammogram. Lecture Notes in Computer Science, 2019, , 147-154.	1.0	0
9	Circular Shape Prior in Efficient Graph Based Image Segmentation to Segment Nucleus. , 2018, , .		5
10	Segmentation of cervical nuclei using SLIC and pairwise regional contrast. , 2018, 2018, 3422-3425.		6
11	Paediatric Liver Segmentation for Low-Contrast CT Images. Lecture Notes in Computer Science, 2018, , 169-178.	1.0	0
12	Superpixel texture analysis for classification of breast masses in dense background. IET Computer Vision, 2018, 12, 779-786.	1.3	5
13	Circular shape constrained fuzzy clustering (CiscFC) for nucleus segmentation in Pap smear images. Computers in Biology and Medicine, 2017, 85, 13-23.	3.9	20
14	Structured Micro-Pattern Based LBP Features for Classification of Masses in Dense Breasts. , 2017, , .		0
15	Spatial Shape Constrained Fuzzy C-Means (FCM) Clustering for Nucleus Segmentation in Pap Smear Images. , 2016, , .		27
16	Model-Guided Segmentation of Liver in CT and PET-CT Images of Child Patients Based on Statistical Region Merging. , 2016, , .		1
17	Improving Breast Mass Segmentation in Local Dense Background: An Entropy Based Optimization of Statistical Region Merging Method. Lecture Notes in Computer Science, 2016, , 635-642.	1.0	3
18	Segmentation of Breast Masses in Local Dense Background Using Adaptive Clip Limit-CLAHE. , 2015, , .		11

#	Article	IF	Citations
19	Mammogram Mass Classification with Temporal Features and Multiple Kernel Learning. , 2015, , .		0
20	Incorporation of fuzzy spatial relation in temporal mammogram registration. Fuzzy Sets and Systems, 2015, 279, 87-100.	1.6	7
21	Computer-assisted segmentation of CT images by statistical region merging for the production of voxel models of anatomy for CT dosimetry. Australasian Physical and Engineering Sciences in Medicine, 2014, 37, 393-403.	1.4	11
22	Statistical Temporal Changes for Breast Cancer Detection: A Preliminary Study. Lecture Notes in Computer Science, 2014, , 635-642.	1.0	1
23	3D Segmentation for Multi-Organs in CT Images. Electronic Letters on Computer Vision and Image Analysis, 2013, 12, 13.	0.5	12
24	Multi-Organ Segmentation of CT Images using Statistical Region Merging. , 2012, , .		10
25	Full-Body CT Segmentation using 3D Extension of Two Graph-based Methods: A Feasibility Study. , 2012, , .		7
26	Mammographic Mass Detection with Statistical Region Merging. , 2010, , .		13
27	Improved Detection of Cancer in Screening Mammograms by Temporal Comparison. Lecture Notes in Computer Science, 2010, , 752-759.	1.0	4
28	Automatic Tuning of MST Segmentation of Mammograms for Registration and Mass Detection Algorithms. , 2009, , .		6
29	Automatic Mass Segmentation Based on Adaptive Pyramid and Sublevel Set Analysis. , 2009, , .		7
30	Low-error, High-speed Approximation of the Sigmoid Function for Large FPGA Implementations. Journal of Signal Processing Systems, 2008, 52, 137-151.	1.4	18
31	Temporal Analysis of Mammograms Based on Graph Matching. Lecture Notes in Computer Science, 2008, , 158-165.	1.0	6
32	Automatic tuning of a graph-based image segmentation method for digital mammography applications. , 2008, , .		3
33	Robustness of Two Methods for Segmenting Salient Features in Screening Mammograms. , 2007, , .		5
34	Two graph theory based methods for identifying the pectoral muscle in mammograms. Pattern Recognition, 2007, 40, 2592-2602.	5.1	68
35	FPGA Neurocomputers. , 2006, , 1-36.		7
36	Functional equations of iterative type. Bulletin of the Australian Mathematical Society, 1997, 56, 175-176.	0.3	0

#	Article	IF	Citations
37	Iterative Pexider equation modulo a subset. Aequationes Mathematicae, 1997, 53, 155-161.	0.4	0