

Automatic Segmentation and Classification of Multiple

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optimizing the Use of Radiologist Seed Points for Improved Multiple Sclerosis Lesion Segmentation. IEEE Transactions on Biomedical Engineering, 2010, 57, 2689-2698.	2.5	36
3	Statistical Texture Analysis of MRI Images to Classify Patients Affected by Multiple Sclerosis. IFMBE Proceedings, 2010, , 272-275.	0.2	8
4	Unsupervised segmentation of MR images for brain dock examinations. , 2010, , .		0
5	Voxel classification of periprosthetic tissues in clinical computed tomography of loosened hip prostheses. , 2010, , .		1
6	Filtering false detections of small multiple sclerosis lesions using fuzzy regional analysis. , 2010, , .		0
7	An evolutionary-fuzzy approach for supporting diagnosis and monitoring of Multiple Sclerosis. , 2010, , .		4
8	Interpreting fuzzy set operations and Multi Level Agreement in a Computing with Words context. , 2011, , .		1
9	Trimmed-Likelihood Estimation for Focal Lesions and Tissue Segmentation in Multisequence MRI for Multiple Sclerosis. IEEE Transactions on Medical Imaging, 2011, 30, 1455-1467.	5.4	62
10	An evolutionary-fuzzy DSS for assessing health status in multiple sclerosis disease. International Journal of Medical Informatics, 2011, 80, e245-e254.	1.6	34
11	A review of atlas-based segmentation for magnetic resonance brain images. Computer Methods and Programs in Biomedicine, 2011, 104, e158-e177.	2.6	336
12	An ontology-based fuzzy decision support system for multiple sclerosis. Engineering Applications of Artificial Intelligence, 2011, 24, 1340-1354.	4.3	36
13	Fuzzy approach toward reducing false positives in the detection of small multiple sclerosis lesions in magnetic resonance images. , 2011, 2011, 5694-7.		3
14	Classification of Magnetic Resonance brain images by using weighted radial basis function kernels. , 2011, , .		1
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19	Automated detection of multiple sclerosis candidate regions in MR images: false-positive removal with use of an ANN-controlled level-set method. Radiological Physics and Technology, 2012, 5, 105-113.	1.0	11
20	Semi-automatic Segmentation of Brain Tumors Using Population and Individual Information. Journal of Digital Imaging, 2013, 26, 786-796.	1.6	21

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21	FLAIR lesion segmentation: Application in patients with brain tumors and acute ischemic stroke. <i>European Journal of Radiology</i> , 2013, 82, 1512-1518.	1.2	42
22	A comprehensive approach to the segmentation of multichannel three-dimensional MR brain images in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2013, 2, 184-196.	1.4	35
23	Review of automatic segmentation methods of multiple sclerosis white matter lesions on conventional magnetic resonance imaging. <i>Medical Image Analysis</i> , 2013, 17, 1-18.	7.0	280
24	Accurate white matter lesion segmentation by k nearest neighbor classification with tissue type priors (kNN-TTPs). <i>NeuroImage: Clinical</i> , 2013, 3, 462-469.	1.4	177
25	Compatible abnormality detection technique for CT and MRI brain images. <i>Imaging Science Journal</i> , 2013, 61, 568-578.	0.2	0
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27	Increasing the Contrast of the Brain MR FLAIR Images Using Fuzzy Membership Functions and Structural Similarity Indices in Order to Segment MS Lesions. <i>PLoS ONE</i> , 2013, 8, e65469.	1.1	7
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29	SELF-SUPERVISED MRI TISSUE SEGMENTATION BY DISCRIMINATIVE CLUSTERING. <i>International Journal of Neural Systems</i> , 2014, 24, 1450004.	3.2	28
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33	Automatic segmentation of brain MRI through stationary wavelet transform and random forests. <i>Pattern Analysis and Applications</i> , 2015, 18, 829-843.	3.1	11
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37	Multimodal Correlative Preclinical Whole Body Imaging and Segmentation. <i>Scientific Reports</i> , 2016, 6, 27940.	1.6	12
38	Combining Unsupervised and Supervised Methods for Lesion Segmentation. <i>Lecture Notes in Computer Science</i> , 2016, , 45-56.	1.0	8

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44	Feasibility study of machine vision for diagnosis of multiple sclerosis. , 2017, , .		0
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49	Brain tissue segmentation based on MP2RAGE multi-contrast images in 7 T MRI. <i>PLoS ONE</i> , 2019, 14, e0210803.	1.1	23
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59	Semi-Automatic Segmentation of Multiple Sclerosis Lesion in 4D Modality. International Journal of Signal Processing Systems, 2017, 5, 28-33.	0.5	0
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61	Lesions Detection of Multiple Sclerosis in 3D Brian MR Images by Using Artificial Immune Systems and Support Vector Machines. , 2022, , 671-685.		0
62	Multichannel EEG Pattern Acknowledgment Feature Assortment Using T-Test Ranking and Principal Component Analysis. , 2023, , .		1