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A survey on artificial intelligence approaches for medical image classification

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#	Paper	IF	Citations
51	Efficient computer aided diagnosis of abnormal parts detection in magnetic resonance images using hybrid abnormality detection algorithm. <i>Open Computer Science</i> , 2013 , 3,	1.5	
50	Threshold prediction for segmenting tumour from brain MRI scans. <i>International Journal of Imaging Systems and Technology</i> , 2014 , 24, 129-137	2.5	95
49	Artificial Intelligence. Amplify scientific discovery with artificial intelligence. <i>Science</i> , 2014 , 346, 171-2	33.3	66
48	Automated Segmentation of MR Images by Implementing Multi SVM Technique. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 1509-1516	0.2	
47	Immune Feature Weighted Least-Squares Support Vector Machine for Brain Tumor Detection Using MR Images. <i>IETE Journal of Research</i> , 2016 , 62, 873-884	0.9	2
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38	Deep Learning Methods for Image Segmentation Containing Translucent Overlapped Objects. 2019 ,		0
37	Electro-Search Algorithm and Autoencoder Based Recurrent Neural Network for Practical Medical Diagnosis. 2019 ,		
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35	Diagnosis of diabetes type-II using hybrid machine learning based ensemble model. <i>International Journal of Information Technology (Singapore)</i> , 2020 , 12, 419-428	1.4	13

34	Melanoma Detection by Means of Multiple Instance Learning. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020 , 12, 24-31	3.5	22
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32	Computational techniques in biomedical image analysis: overview. 2020 , 3-31		3
31	Optimization of the Convolutional Neural Networks for Automatic Detection of Skin Cancer. <i>Open Medicine (Poland)</i> , 2020 , 15, 27-37	2.2	14
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