LÃ¡szlÃ³ SzilÃ¡gyi

List of Publications by Year
in descending order

12 papers	195 citations	1307594 7 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	97 citing authors

#	Article	IF	Citations
1	HGG and LGG Brain Tumor Segmentation in Multi-Modal MRI Using Pretrained Convolutional Neural Networks of Amazon Sagemaker. Applied Sciences (Switzerland), 2022, 12, 3620.	2.5	11
2	Visual Object Detection with DETR to Support Video-Diagnosis Using Conference Tools. Applied Sciences (Switzerland), 2022, 12, 5977.	2.5	9
3	A Fully Automatic Procedure for Brain Tumor Segmentation from Multi-Spectral MRI Records Using Ensemble Learning and Atlas-Based Data Enhancement. Applied Sciences (Switzerland), 2021, 11, 564.	2.5	14
4	Brain Tumor Segmentation from MRI Data Using Ensemble Learning and Multi-Atlas. , 2020, , .		6
5	Brain Tumor Segmentation and Survival Prediction Using a Cascade of Random Forests. Lecture Notes in Computer Science, 2019, , 334-345.	1.3	15
6	Brain Tumor Detection and Segmentation from Magnetic Resonance Image Data Using Ensemble Learning Methods. , 2019, , .		8
7	Self-Tuning Possibilistic c-Means Clustering Models. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2019, 27, 143-159.	1.9	5
8	A Study on Histogram Normalization for Brain Tumour Segmentation from Multispectral MR Image Data. Lecture Notes in Computer Science, 2019, , 375-384.	1.3	1
9	Low and high grade glioma segmentation in multispectral brain MRI data. Acta Universitatis Sapientiae: Informatica, 2018, 10, 110-132.	0.4	20
10	Brain Tumor Segmentation with Optimized Random Forest. Lecture Notes in Computer Science, 2016, , 88-99.	1.3	41
11	Automatic Brain Tumor Segmentation in multispectral MRI volumes using a fuzzy c-means cascade algorithm. , 2015, , .		29
12	Efficient inhomogeneity compensation using fuzzy c-means clustering models. Computer Methods and Programs in Biomedicine, 2012, 108, 80-89.	4.7	36