

# Muhammad Febrian Rachmadi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Probabilistic Deep Learning with Adversarial Training and Volume Interval Estimation - Better Ways to Perform and Evaluate Predictive Models for White Matter Hyperintensities Evolution. Lecture Notes in Computer Science, 2021, , 168-180.	1.3	1
2	Robustness of Probabilistic U-Net for Automated Segmentation of White Matter Hyperintensities in Different Datasets of Brain MRI. , 2021, , .		2
3	Limited One-time Sampling Irregularity Map (LOTS-IM) for Automatic Unsupervised Assessment of White Matter Hyperintensities and Multiple Sclerosis Lesions in Structural Brain Magnetic Resonance Images. Computerized Medical Imaging and Graphics, 2020, 79, 101685.	5.8	12
4	Automatic spatial estimation of white matter hyperintensities evolution in brain MRI using disease evolution predictor deep neural networks. Medical Image Analysis, 2020, 63, 101712.	11.6	16
5	Evaluation of Enhanced Learning Techniques for Segmenting Ischaemic Stroke Lesions in Brain Magnetic Resonance Perfusion Images Using a Convolutional Neural Network Scheme. Frontiers in Neuroinformatics, 2019, 13, 33.	2.5	19
6	Dilated Saliency U-Net for White Matter Hyperintensities Segmentation Using Irregularity Age Map. Frontiers in Aging Neuroscience, 2019, 11, 150.	3.4	11
7	Predicting the Evolution of White Matter Hyperintensities in Brain MRI Using Generative Adversarial Networks and Irregularity Map. Lecture Notes in Computer Science, 2019, , 146-154.	1.3	7
8	Segmentation of white matter hyperintensities using convolutional neural networks with global spatial information in routine clinical brain MRI with none or mild vascular pathology. Computerized Medical Imaging and Graphics, 2018, 66, 28-43.	5.8	68
9	2-Dimensional Homogeneous Distributed Ensemble Feature Selection. , 2018, , .		1
10	Transfer Learning for Task Adaptation of Brain Lesion Assessment and Prediction of Brain Abnormalities Progression/Regression Using Irregularity Age Map in Brain MRI. Lecture Notes in Computer Science, 2018, , 85-93.	1.3	2
11	Automatic Irregular Texture Detection in Brain MRI Without Human Supervision. Lecture Notes in Computer Science, 2018, , 506-513.	1.3	6
12	Face Recognition Using Complex Valued Backpropagation. Jurnal Ilmu Komputer Dan Informasi, 2018, 11, 103.	0.3	1
13	Optimization of Stacked Unsupervised Extreme Learning Machine to improve classifier performance. , 2017, , .		6
14	Deep Learning vs. Conventional Machine Learning: Pilot Study of WMH Segmentation in Brain MRI with Absence or Mild Vascular Pathology. Journal of Imaging, 2017, 3, 66.	3.0	19
15	Voxel-based irregularity age map (IAM) for brain's white matter hyperintensities in MRI. , 2017, , .		5
16	Evaluation of Four Supervised Learning Schemes in White Matter Hyperintensities Segmentation in Absence or Mild Presence of Vascular Pathology. Communications in Computer and Information Science, 2017, , 482-493.	0.5	1
17	Vehicle traffic monitoring using single camera and embedded systems. , 2016, , .		1