

Shuqiang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,195
citations

430874

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526287

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31
all docs

31
docs citations

31
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological Feature Visualization of Alzheimer's Disease via Multidirectional Perception GAN. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4401-4415.	11.3	47
2	Fine Perceptive GANs for Brain MR Image Super-Resolution in Wavelet Domain. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8802-8814.	11.3	76
3	An Ensemble-Based Densely-Connected Deep Learning System for Assessment of Skeletal Maturity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 426-437.	9.3	42
4	Tensorizing GAN With High-Order Pooling for Alzheimer's Disease Assessment. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4945-4959.	11.3	75
5	Bidirectional Mapping Generative Adversarial Networks for Brain MR to PET Synthesis. IEEE Transactions on Medical Imaging, 2022, 41, 145-157.	8.9	88
6	Predicting clinical scores for Alzheimer's disease based on joint and deep learning. Expert Systems With Applications, 2022, 187, 115966.	7.6	45
7	Brain stroke lesion segmentation using consistent perception generative adversarial network. Neural Computing and Applications, 2022, 34, 8657-8669.	5.6	34
8	Brain MR Images Super-Resolution with the Consistent Features. , 2022, , .		2
9	SRT: Shape Reconstruction Transformer for 3D Reconstruction of Point Cloud from 2D MRI. , 2022, , .		2
10	Diabetic Retinopathy Diagnosis Using Multichannel Generative Adversarial Network With Semisupervision. IEEE Transactions on Automation Science and Engineering, 2021, 18, 574-585.	5.2	71
11	A rest-time-based prognostic model for remaining useful life prediction of lithium-ion battery. Neural Computing and Applications, 2021, 33, 2035-2046.	5.6	30
12	Diagnosis of early Alzheimer's disease based on dynamic high order networks. Brain Imaging and Behavior, 2021, 15, 276-287.	2.1	36
13	Insights Into Algorithms for Separable Nonlinear Least Squares Problems. IEEE Transactions on Image Processing, 2021, 30, 1207-1218.	9.8	15
14	Joint 3-D Trajectory and Resource Optimization in Multi-UAV-Enabled IoT Networks With Wireless Power Transfer. IEEE Internet of Things Journal, 2021, 8, 7833-7848.	8.7	25
15	Characterization Multimodal Connectivity of Brain Network by Hypergraph GAN for Alzheimer's Disease Analysis. Lecture Notes in Computer Science, 2021, , 467-478.	1.3	14
16	Multimodal Representations Learning and Adversarial Hypergraph Fusion for Early Alzheimer's Disease Prediction. Lecture Notes in Computer Science, 2021, , 479-490.	1.3	16
17	A Point Cloud Generative Model via Tree-Structured Graph Convolutions for 3D Brain Shape Reconstruction. Lecture Notes in Computer Science, 2021, , 263-274.	1.3	5
18	GoogLeNet-like Model for Pedestrian Attribute Detection in Surveillance Environment. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Deep and joint learning of longitudinal data for Alzheimer's disease prediction. Pattern Recognition, 2020, 102, 107247.	8.1	52
20	Skin lesion segmentation via generative adversarial networks with dual discriminators. Medical Image Analysis, 2020, 64, 101716.	11.6	156
21	Brain MR to PET Synthesis via Bidirectional Generative Adversarial Network. Lecture Notes in Computer Science, 2020, , 698-707.	1.3	35
22	Sum Rate Maximization for Multi-Carrier SWIPT Relay System With Non-Ideal Power Amplifier and Circuit Power Consumption. IEEE Access, 2019, 7, 89805-89820.	4.2	6
23	Cross-modality Synthesis from MRI to PET Using Adversarial U-Net with Different Normalization. , 2019, , .		32
24	Ensemble of 3D densely connected convolutional network for diagnosis of mild cognitive impairment and Alzheimer's disease. Neurocomputing, 2019, 333, 145-156.	5.9	156
25	Dominant-Modes-Based Sliding-Mode Observer for Estimation of Temperature Distribution in Rapid Thermal Processing System. IEEE Transactions on Industrial Informatics, 2019, 15, 2673-2681.	11.3	16
26	Classification of Diffusion Tensor Metrics for the Diagnosis of a Myelopathic Cord Using Machine Learning. International Journal of Neural Systems, 2018, 28, 1750036.	5.2	42
27	Skeletal Maturity Recognition Using a Fully Automated System With Convolutional Neural Networks. IEEE Access, 2018, 6, 29979-29993.	4.2	37
28	Subcarrier-Pairing-Based Resource Optimization for OFDM Wireless Powered Relay Transmissions With Time Switching Scheme. IEEE Transactions on Signal Processing, 2017, 65, 1130-1145.	5.3	36
29	Thermodynamics-based models of transcriptional regulation with gene sequence. Bioprocess and Biosystems Engineering, 2015, 38, 2469-2476.	3.4	1
30	Defining Biological Networks for Noise Buffering and Signaling Sensitivity Using Approximate Bayesian Computation. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	1