

Shuiping Gou

List of Publications by Year in descending order

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papers

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all docs

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56
times ranked

1021
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparsity-Regularized Attention Multiple-Instance Network for Hyperspectral Target Detection. IEEE Transactions on Cybernetics, 2023, 53, 124-137.	9.5	7
2	Self-Paced Feature Attention Fusion Network for Concealed Object Detection in Millimeter-Wave Image. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 224-239.	8.3	15
3	Ship Segmentation via Encoder-Decoder Network With Global Attention in High-Resolution SAR Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
4	Automatic quantification and grading of hip bone marrow oedema in ankylosing spondylitis based on deep learning. Modern Rheumatology, 2022, 32, 968-973.	1.8	5
5	Cross-Connected Bidirectional Pyramid Network for Infrared Small-Dim Target Detection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
6	A Mask-Guided Transformer Network with Topic Token for Remote Sensing Image Captioning. Remote Sensing, 2022, 14, 2939.	4.0	6
7	End-to-End Ensemble Learning by Exploiting the Correlation Between Individuals and Weights. IEEE Transactions on Cybernetics, 2021, 51, 2835-2846.	9.5	7
8	Multi-task edge-recalibrated network for male pelvic multi-organ segmentation on CT images. Physics in Medicine and Biology, 2021, 66, 035001.	3.0	6
9	Automated Classification and Segmentation in Colorectal Images Based on Self-Paced Transfer Network. BioMed Research International, 2021, 2021, 1-7.	1.9	13
10	Automated Segmentation Method for Low Field 3D Stomach MRI Using Transferred Learning Image Enhancement Network. BioMed Research International, 2021, 2021, 1-8.	1.9	6
11	Multi-Scale Fused SAR Image Registration Based on Deep Forest. Remote Sensing, 2021, 13, 2227.	4.0	12
12	Non-Invasive Heart Rate Estimation From Ballistocardiograms Using Bidirectional LSTM Regression. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3396-3407.	6.3	8
13	Automatic segmentation and grading of ankylosing spondylitis on MR images via lightweight hybrid multi-scale convolutional neural network with reinforcement learning. Physics in Medicine and Biology, 2021, 66, 205002.	3.0	2
14	Convolutional Autoencoding and Gaussian Mixture Clustering for Unsupervised Beat-to-Beat Heart Rate Estimation of Electrocardiograms from Wearable Sensors. Sensors, 2021, 21, 7163.	3.8	4
15	Semi-Supervised Deep Metric Learning Networks for Classification of Polarimetric SAR Data. Remote Sensing, 2020, 12, 1593.	4.0	7
16	CT-TEE Image Registration for Surgical Navigation of Congenital Heart Disease Based on a Cycle Adversarial Network. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-8.	1.3	6
17	Self-channel-and-spatial-attention neural network for automated multi-organ segmentation on head and neck CT images. Physics in Medicine and Biology, 2020, 65, 245034.	3.0	31
18	Hyperspectral Target Detection via Multiple Instance LSTM Target Localization Network. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Ship Segmentation on High-Resolution Sar Image by a 3D Dilated Multiscale U-Net. , 2020, , .		5
20	Gradient regularized convolutional neural networks for low-dose CT image enhancement. Physics in Medicine and Biology, 2019, 64, 165017.	3.0	13
21	Intelligent Wind Retrieval from Chinese Gaofen-3 SAR Imagery in Quad Polarization. Journal of Atmospheric and Oceanic Technology, 2019, 36, 2121-2138.	1.3	15
22	Maximizing diversity by transformed ensemble learning. Applied Soft Computing Journal, 2019, 82, 105580.	7.2	30
23	Shape constrained fully convolutional DenseNet with adversarial training for multiorgan segmentation on head and neck <scp>CT</scp> and lowâ€field <scp>MR</scp> images. Medical Physics, 2019, 46, 2669-2682.	3.0	51
24	Self-Paced Convolutional Neural Network for PolSAR Images Classification. Remote Sensing, 2019, 11, 424.	4.0	7
25	Bitemporal Fully Polarimetric Sar Images Change Detection Via Nearest Regularized Joint Sparse and Transfer Dictionary Learning. , 2019, , .		1
26	Terrain classification based on spatial multi-attribute graph using Polarimetric SAR data. Applied Soft Computing Journal, 2018, 68, 24-38.	7.2	16
27	Classification of Heterogeneous Scenes in POL-SAR Image Based on Statistical Analysis. , 2018, , .		0
28	Patch-Based Gaussian Mixture Model for Concealed Object Detection in Millimeter-Wave images. , 2018, , .		5
29	Semi-Supervised Tensorial Locally Linear Embedding for Feature Extraction Using PolSAR Data. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1476-1490.	10.8	17
30	Classification of PolSAR Images Based on SVM with Self-Paced Learning Optimization. , 2018, , .		2
31	Complex Scene Classification of PoLSAR Imagery Based on a Self-Paced Learning Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4818-4825.	4.9	2
32	Classification of PolSAR Images Using Multilayer Autoencoders and a Self-Paced Learning Approach. Remote Sensing, 2018, 10, 110.	4.0	30
33	Large-Deformation Image Registration of CT-TEE for Surgical Navigation of Congenital Heart Disease. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-11.	1.3	4
34	Fully automatic multiâ€organ segmentation for head and neck cancer radiotherapy using shape representation model constrained fully convolutional neural networks. Medical Physics, 2018, 45, 4558-4567.	3.0	164
35	Polarimetric SAR Feature Extraction With Neighborhood Preservation-Based Deep Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1456-1466.	4.9	31
36	Fast Classification for Large Polarimetric SAR Data Based on Refined Spatial-Anchor Graph. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1589-1593.	3.1	15

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37	Dimensionality Reduction of Hyperspectral Imagery Using Sparse Graph Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1165-1181.	4.9	25
38	Accelerating Learning to Rank via SVM with OpenCL and OpenMP on Heterogeneous Platforms. , 2016, , .		1
39	Semisupervised Feature Extraction With Neighborhood Constraints for Polarimetric SAR Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3001-3015.	4.9	32
40	Feasibility of automated 3-dimensional magnetic resonance imaging pancreas segmentation. Advances in Radiation Oncology, 2016, 1, 182-193.	1.2	12
41	Coastal Zone Classification With Fully Polarimetric SAR Imagery. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1616-1620.	3.1	25
42	Coastal zone land-use classification of full-polarization SAR data based on joint sparse. , 2016, , .		0
43	Image super-resolution based on the pairwise dictionary selected learning and improved bilateral regularisation. IET Image Processing, 2016, 10, 101-112.	2.5	7
44	Lung dynamic MRI deblurring using low-rank decomposition and dictionary learning. Medical Physics, 2015, 42, 1917-1925.	3.0	3
45	Classification of imbalanced hyperspectral imagery data using support vector sampling. , 2014, , .		2
46	Remote Sensing Image Super-Resolution Reconstruction Based on Nonlocal Pairwise Dictionaries and Double Regularization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4784-4792.	4.9	31
47	Eigenvalue Analysis-Based Approach for POL-SAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 805-818.	6.3	17
48	Multi-elitist immune clonal quantum clustering algorithm. Neurocomputing, 2013, 101, 275-289.	5.9	23
49	Parallel Sparse Spectral Clustering for SAR Image Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1949-1963.	4.9	26
50	CT Image Sequence Restoration Based on Sparse and Low-Rank Decomposition. PLoS ONE, 2013, 8, e72696.	2.5	7
51	SAR image change detection based on low rank matrix decomposition. , 2012, , .		8
52	Graph based SAR images change detection. , 2012, , .		1
53	Clustering via dimensional reduction method for the projection pursuit based on the ICSA. Journal of Electronics, 2010, 27, 474-479.	0.2	1
54	ICSA based projection pursuit clustering with LDA index and its application in SAR image segmentation. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	SAR image segmentation using quantum clonal selection clustering. , 2009, , .		5
56	Isomorous multiple classifier ensemble method with SVM and KMP. , 2008, , .		0