

# Shuiping Gou

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

785  
citations

567281

15  
h-index

552781

26  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully automatic multi-organ segmentation for head and neck cancer radiotherapy using shape representation model constrained fully convolutional neural networks. <i>Medical Physics</i> , 2018, 45, 4558-4567.	3.0	164
2	Shape constrained fully convolutional DenseNet with adversarial training for multiorgan segmentation on head and neck CT and low-field MR images. <i>Medical Physics</i> , 2019, 46, 2669-2682.	3.0	51
3	Semisupervised Feature Extraction With Neighborhood Constraints for Polarimetric SAR Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3001-3015.	4.9	32
4	Remote Sensing Image Super-Resolution Reconstruction Based on Nonlocal Pairwise Dictionaries and Double Regularization. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 4784-4792.	4.9	31
5	Polarimetric SAR Feature Extraction With Neighborhood Preservation-Based Deep Learning. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 1456-1466.	4.9	31
6	Self-channel-and-spatial-attention neural network for automated multi-organ segmentation on head and neck CT images. <i>Physics in Medicine and Biology</i> , 2020, 65, 245034.	3.0	31
7	Classification of PolSAR Images Using Multilayer Autoencoders and a Self-Paced Learning Approach. <i>Remote Sensing</i> , 2018, 10, 110.	4.0	30
8	Maximizing diversity by transformed ensemble learning. <i>Applied Soft Computing Journal</i> , 2019, 82, 105580.	7.2	30
9	Parallel Sparse Spectral Clustering for SAR Image Segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1949-1963.	4.9	26
10	Coastal Zone Classification With Fully Polarimetric SAR Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016, 13, 1616-1620.	3.1	25
11	Dimensionality Reduction of Hyperspectral Imagery Using Sparse Graph Learning. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 1165-1181.	4.9	25
12	Multi-elitist immune clonal quantum clustering algorithm. <i>Neurocomputing</i> , 2013, 101, 275-289.	5.9	23
13	Eigenvalue Analysis-Based Approach for POL-SAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 805-818.	6.3	17
14	Semi-Supervised Tensorial Locally Linear Embedding for Feature Extraction Using PolSAR Data. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2018, 12, 1476-1490.	10.8	17
15	Terrain classification based on spatial multi-attribute graph using Polarimetric SAR data. <i>Applied Soft Computing Journal</i> , 2018, 68, 24-38.	7.2	16
16	Fast Classification for Large Polarimetric SAR Data Based on Refined Spatial-Anchor Graph. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1589-1593.	3.1	15
17	Intelligent Wind Retrieval from Chinese Gaofen-3 SAR Imagery in Quad Polarization. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 2121-2138.	1.3	15
18	Self-Paced Feature Attention Fusion Network for Concealed Object Detection in Millimeter-Wave Image. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 224-239.	8.3	15

#	ARTICLE	IF	CITATIONS
19	Gradient regularized convolutional neural networks for low-dose CT image enhancement. <i>Physics in Medicine and Biology</i> , 2019, 64, 165017.	3.0	13
20	Automated Classification and Segmentation in Colorectal Images Based on Self-Paced Transfer Network. <i>BioMed Research International</i> , 2021, 2021, 1-7.	1.9	13
21	Feasibility of automated 3-dimensional magnetic resonance imaging pancreas segmentation. <i>Advances in Radiation Oncology</i> , 2016, 1, 182-193.	1.2	12
22	Multi-Scale Fused SAR Image Registration Based on Deep Forest. <i>Remote Sensing</i> , 2021, 13, 2227.	4.0	12
23	Cross-Connected Bidirectional Pyramid Network for Infrared Small-Dim Target Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	12
24	SAR image change detection based on low rank matrix decomposition. , 2012, , .		8
25	Non-Invasive Heart Rate Estimation From Ballistocardiograms Using Bidirectional LSTM Regression. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3396-3407.	6.3	8
26	Image super-resolution based on the pairwise dictionary selected learning and improved bilateral regularisation. <i>IET Image Processing</i> , 2016, 10, 101-112.	2.5	7
27	Self-Paced Convolutional Neural Network for PolSAR Images Classification. <i>Remote Sensing</i> , 2019, 11, 424.	4.0	7
28	Semi-Supervised Deep Metric Learning Networks for Classification of Polarimetric SAR Data. <i>Remote Sensing</i> , 2020, 12, 1593.	4.0	7
29	End-to-End Ensemble Learning by Exploiting the Correlation Between Individuals and Weights. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 2835-2846.	9.5	7
30	Sparsity-Regularized Attention Multiple-Instance Network for Hyperspectral Target Detection. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 124-137.	9.5	7
31	CT Image Sequence Restoration Based on Sparse and Low-Rank Decomposition. <i>PLoS ONE</i> , 2013, 8, e72696.	2.5	7
32	CT-TEE Image Registration for Surgical Navigation of Congenital Heart Disease Based on a Cycle Adversarial Network. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-8.	1.3	6
33	Multi-task edge-recalibrated network for male pelvic multi-organ segmentation on CT images. <i>Physics in Medicine and Biology</i> , 2021, 66, 035001.	3.0	6
34	Automated Segmentation Method for Low Field 3D Stomach MRI Using Transferred Learning Image Enhancement Network. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	6
35	A Mask-Guided Transformer Network with Topic Token for Remote Sensing Image Captioning. <i>Remote Sensing</i> , 2022, 14, 2939.	4.0	6
36	SAR image segmentation using quantum clonal selection clustering. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
37	Patch-Based Gaussian Mixture Model for Concealed Object Detection in Millimeter-Wave images. , 2018, , .		5
38	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
39	Ship Segmentation on High-Resolution Sar Image by a 3D Dilated Multiscale U-Net. , 2020, , .		5
40	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
41	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
42	Lung dynamic MRI deblurring using low-rank decomposition and dictionary learning. Medical Physics, 2015, 42, 1917-1925.	3.0	3
43	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
44	Classification of imbalanced hyperspectral imagery data using support vector sampling. , 2014, , .		2
45	Classification of PolSAR Images Based on SVM with Self-Paced Learning Optimization. , 2018, , .		2
46	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
47	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
48	Clustering via dimensional reduction method for the projection pursuit based on the ICSA. Journal of Electronics, 2010, 27, 474-479.	0.2	1
49	Graph based SAR images change detection. , 2012, , .		1
50	Accelerating Learning to Rank via SVM with OpenCL and OpenMP on Heterogeneous Platforms. , 2016, , .		1
51	Bitemporal Fully Polarimetric Sar Images Change Detection Via Nearest Regularized Joint Sparse and Transfer Dictionary Learning. , 2019, , .		1
52	Hyperspectral Target Detection via Multiple Instance LSTM Target Localization Network. , 2020, , .		1
53	Isomorous multiple classifier ensemble method with SVM and KMP. , 2008, , .		0
54	ICSA based projection pursuit clustering with LDA index and its application in SAR image segmentation. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	Coastal zone land-use classification of full-polarization SAR data based on joint sparse. , 2016, , .		0
56	Classification of Heterogeneous Scenes in POL-SAR Image Based on Statistical Analysis. , 2018, , .		0