

Pengjiang Qian

List of Publications by Year in descending order

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all docs

75
docs citations

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times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Collaborative Fuzzy Clustering From Multiple Weighted Views. IEEE Transactions on Cybernetics, 2015, 45, 688-701.	6.2	218
2	Seizure Classification From EEG Signals Using Transfer Learning, Semi-Supervised Learning and TSK Fuzzy System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2270-2284.	2.7	179
3	Recognition of Epileptic EEG Signals Using a Novel Multiview TSK Fuzzy System. IEEE Transactions on Fuzzy Systems, 2017, 25, 3-20.	6.5	157
4	Alzheimer's disease multiclass diagnosis via multimodal neuroimaging embedding feature selection and fusion. Information Fusion, 2021, 66, 170-183.	11.7	104
5	A Novel Distributed Multitask Fuzzy Clustering Algorithm for Automatic MR Brain Image Segmentation. Journal of Medical Systems, 2019, 43, 118.	2.2	91
6	Liver Semantic Segmentation Algorithm Based on Improved Deep Adversarial Networks in Combination of Weighted Loss Function on Abdominal CT Images. IEEE Access, 2019, 7, 96349-96358.	2.6	88
7	Cluster Prototypes and Fuzzy Memberships Jointly Leveraged Cross-Domain Maximum Entropy Clustering. IEEE Transactions on Cybernetics, 2016, 46, 181-193.	6.2	87
8	Knowledge-leveraged transfer fuzzy C -Means for texture image segmentation with self-adaptive cluster prototype matching. Knowledge-Based Systems, 2017, 130, 33-50.	4.0	76
9	Generation of brain pseudo-CTs using an undersampled, single-acquisition UTE-Dixon pulse sequence and unsupervised clustering. Medical Physics, 2015, 42, 4974-4986.	1.6	56
10	Multi-View Maximum Entropy Clustering by Jointly Leveraging Inter-View Collaborations and Intra-View-Weighted Attributes. IEEE Access, 2018, 6, 28594-28610.	2.6	56
11	Affinity and Penalty Jointly Constrained Spectral Clustering With All-Compatibility, Flexibility, and Robustness. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1123-1138.	7.2	52
12	Cross-domain, soft-partition clustering with diversity measure and knowledge reference. Pattern Recognition, 2016, 50, 155-177.	5.1	49
13	Fast Graph-Based Relaxed Clustering for Large Data Sets Using Minimal Enclosing Ball. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 672-687.	5.5	48
14	Abdominal, multi-organ, auto-contouring method for online adaptive magnetic resonance guided radiotherapy: An intelligent, multi-level fusion approach. Artificial Intelligence in Medicine, 2018, 90, 34-41.	3.8	47
15	mDixon-Based Synthetic CT Generation for PET Attenuation Correction on Abdomen and Pelvis Jointly Using Transfer Fuzzy Clustering and Active Learning-Based Classification. IEEE Transactions on Medical Imaging, 2020, 39, 819-832.	5.4	47
16	Multi-Source Domain Transfer Discriminative Dictionary Learning Modeling for Electroencephalogram-Based Emotion Recognition. IEEE Transactions on Computational Social Systems, 2022, 9, 1604-1612.	3.2	47
17	Feedforward kernel neural networks, generalized least learning machine, and its deep learning with application to image classification. Applied Soft Computing Journal, 2015, 37, 125-141.	4.1	46
18	SSC-EKE: Semi-supervised classification with extensive knowledge exploitation. Information Sciences, 2018, 422, 51-76.	4.0	46

#	ARTICLE	IF	CITATIONS
19	Hierarchical Domain Adaptation Projective Dictionary Pair Learning Model for EEG Classification in IoT Systems. IEEE Transactions on Computational Social Systems, 2023, 10, 1559-1567.	3.2	43
20	Cat Swarm Optimization applied to alcohol use disorder identification. Multimedia Tools and Applications, 2018, 77, 22875-22896.	2.6	37
21	A comparative study of multiple neural network for detection of COVID-19 on chest X-ray. Eurasip Journal on Advances in Signal Processing, 2021, 2021, 50.	1.0	37
22	Multipopulation Ant Colony System With Knowledge-Based Local Searches for Multiobjective Supply Chain Configuration. IEEE Transactions on Evolutionary Computation, 2022, 26, 512-526.	7.5	34
23	Discovering Knee Osteoarthritis Imaging Features for Diagnosis and Prognosis: Review of Manual Imaging Grading and Machine Learning Approaches. Journal of Healthcare Engineering, 2022, 2022, 1-19.	1.1	27
24	Estimating CT from MR Abdominal Images Using Novel Generative Adversarial Networks. Journal of Grid Computing, 2020, 18, 211-226.	2.5	24
25	Machine learning-based dual-energy CT parametric mapping. Physics in Medicine and Biology, 2018, 63, 125001.	1.6	23
26	A General Common Spatial Patterns for EEG Analysis With Applications to Vigilance Detection. IEEE Access, 2019, 7, 111102-111114.	2.6	21
27	Epilepsy Diagnosis Using Multi-view & Multi-medoid Entropy-based Clustering with Privacy Protection. ACM Transactions on Internet Technology, 2021, 21, 1-21.	3.0	21
28	Multi-Modality Fusion & Inductive Knowledge Transfer Underlying Non-Sparse Multi-Kernel Learning and Distribution Adaption. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 2387-2397.	1.9	20
29	Multichannel Residual Conditional GAN-Leveraged Abdominal Pseudo-CT Generation via Dixon MR Images. IEEE Access, 2019, 7, 163823-163830.	2.6	19
30	TSK Fuzzy System for Multi-View Data Discovery Underlying Label Relaxation and Cross-Rule & Cross-View Sparsity Regularizations. IEEE Transactions on Industrial Informatics, 2021, 17, 3282-3291.	7.2	19
31	UTE&Dixon&based thorax synthetic CT generation. Medical Physics, 2019, 46, 3520-3531.	1.6	17
32	Synthesizing Multi-Contrast MR Images Via Novel 3D Conditional Variational Auto-Encoding GAN. Mobile Networks and Applications, 2021, 26, 415-424.	2.2	17
33	An Indirect Multimodal Image Registration and Completion Method Guided by Image Synthesis. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-10.	0.7	14
34	Exemplar-based data stream clustering toward Internet of Things. Journal of Supercomputing, 2020, 76, 2929-2957.	2.4	13
35	Synthetic CT Generation of the Pelvis in Patients With Cervical Cancer: A Single Input Approach Using Generative Adversarial Network. IEEE Access, 2021, 9, 17208-17221.	2.6	12
36	A Novel Synthetic CT Generation Method Using Multitask Maximum Entropy Clustering. IEEE Access, 2019, 7, 119644-119653.	2.6	11

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37	Transfer learning based maximum entropy clustering. , 2014, , .		9
38	Semi-supervised learning using hidden feature augmentation. Applied Soft Computing Journal, 2017, 59, 448-461.	4.1	9
39	Transforming UTE-mDixon MR Abdomen-Pelvis Images Into CT by Jointly Leveraging Prior Knowledge and Partial Supervision. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 70-82.	1.9	9
40	The Promise for Reducing Healthcare Cost with Predictive Model: An Analysis with Quantized Evaluation Metric on Readmission. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.1	9
41	Multiclass Convolution Neural Network for Classification of COVID-19 CT Images. Computational Intelligence and Neuroscience, 2022, 2022, 1-15.	1.1	9
42	A Novel Double-Index-Constrained, Multi-View, Fuzzy-Clustering Algorithm and its Application for Detecting Epilepsy Electroencephalogram Signals. IEEE Access, 2019, 7, 103823-103832.	2.6	8
43	Residual-Network-Leveraged Vehicle-Thrown-Waste Identification in Real-Time Traffic Surveillance Videos. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1817-1826.	4.7	8
44	Smart Diagnosis. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21.	3.0	8
45	Dixon-based thorax synthetic CT generation using Generative Adversarial Network. Intelligence-based Medicine, 2020, 3-4, 100010.	1.4	6
46	Multiple-kernel based soft subspace fuzzy clustering. , 2014, , .		5
47	View-collaborative fuzzy soft subspace clustering for automatic medical image segmentation. Multimedia Tools and Applications, 2020, 79, 9523-9542.	2.6	5
48	A Transfer Fuzzy Clustering and Neural Network Based Tissue Segmentation Method During PET/MR Attenuation Correction. Journal of Medical Imaging and Health Informatics, 2019, 9, 1491-1497.	0.2	5
49	A coevolutionary algorithm based on the auxiliary population for constrained large-scale multi-objective supply chain network. Mathematical Biosciences and Engineering, 2022, 19, 271-286.	1.0	5
50	A Novel Doubly Reweighting Multisource Transfer Learning Framework. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 380-391.	3.4	4
51	Semi-Automatic Synthetic Computed Tomography Generation for Abdomens Using Transfer Learning and Semi-Supervised Classification. Journal of Medical Imaging and Health Informatics, 2019, 9, 1878-1886.	0.2	4
52	A smart brain MR image completion method guided by synthetic-CT-based multimodal registration. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	3
53	Abdomen MRI Synthesis Based on Conditional GAN. , 2019, , .		3
54	mDixon-based synthetic CT generation via transfer and patch learning. Pattern Recognition Letters, 2020, 138, 51-59.	2.6	3

#	ARTICLE	IF	CITATIONS
55	Research on Image Denoising and Super-Resolution Reconstruction Technology of Multiscale-Fusion Images. <i>Mobile Information Systems</i> , 2021, 2021, 1-11.	0.4	3
56	Indirect Inverse Substructuring Method for Multibody Product Transport System with Rigid and Flexible Coupling. <i>Shock and Vibration</i> , 2015, 2015, 1-8.	0.3	2
57	Large-scale fuzzy multiple-medoid clustering method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 1833-1845.	0.8	2
58	Intelligent diagnosis of cardiac valve calcification in ESRD patients with peritoneal dialysis based on improved Takagi-Sugeno-Kang fuzzy system. <i>International Journal of Bio-Inspired Computation</i> , 2019, 13, 277.	0.6	2
59	Classification of EEG signals in epilepsy using a novel integrated TSK fuzzy system. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 4851-4866.	0.8	2
60	Novel multi-view Takagi-Sugeno-Kang fuzzy system for epilepsy EEG detection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 5625-5645.	3.3	2
61	GAN-Based Medical Images Synthesis. <i>International Journal of Health Systems and Translational Medicine</i> , 2021, 1, 1-9.	0.2	2
62	A Novel Collaborative Filtering Algorithm and Its Application for Recommendations in E-Commerce. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2021, 126, 1275-1291.	0.8	2
63	Deep self-supervised clustering with embedding adjacent graph features. <i>Systems Science and Control Engineering</i> , 2022, 10, 336-346.	1.8	2
64	R-T-S Assisted Kalman Filtering for Robot Localization Using UWB Measurement. <i>Mobile Networks and Applications</i> , 0, , 1.	2.2	2
65	A novel privacy-preserving probability transductive classifiers from group probabilities based on regression model. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 29, 917-925.	0.8	1
66	Fr�chet mean-based Grassmann discriminant analysis. <i>Multimedia Systems</i> , 2020, 26, 63-73.	3.0	1
67	A Novel Radial Basis Neural Network-Leveraged Fast Training Method for Identifying Organs in MR Images. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-9.	0.7	1
68	Texture Analysis in the Assessment of Rectal Cancer: Comparison of T2WI and Diffusion-Weighted Imaging. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-7.	0.7	1
69	Auto-contouring FDG-PET/MR images for cervical cancer radiation therapy: An intelligent sequential approach using focally trained, shallow U-Nets. <i>Intelligence-based Medicine</i> , 2021, 5, 100026.	1.4	1
70	Image Compression Based on Hybrid Domain Attention and Postprocessing Enhancement. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-12.	1.1	1
71	Domain adaptive extreme learning machine for epileptic EEG classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 43, 3983-3992.	0.8	1
72	Improved Mean Shift Spectral Clustering Based on Reduced Set Density Estimator. , 2009, , .		0

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73	An Auto-Contouring Method for Kidney based on SVM. Journal of Physics: Conference Series, 2021, 1944, 012016.	0.3	0
74	A genetic algorithm with two-step rank-based encoding for closed-loop supply chain network design. Mathematical Biosciences and Engineering, 2022, 19, 5925-5956.	1.0	0
75	Domain adaptation metric learning method embedded with structural information for person re-identification in internet of autonomous unmanned vehicles. Software - Practice and Experience, 0, , .	2.5	0