

# Pengjiang Qian

## List of Publications by Year in descending order

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75  
papers

2,043  
citations

279701

23  
h-index

254106

43  
g-index

75  
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75  
docs citations

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times ranked

1434  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multi-Modality Fusion & Inductive Knowledge Transfer Underlying Non-Sparse Multi-Kernel Learning and Distribution Adaption. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 2387-2397.	1.9	20
3	Hierarchical Domain Adaptation Projective Dictionary Pair Learning Model for EEG Classification in IoT Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2023, 10, 1559-1567.	3.2	43
4	Multipopulation Ant Colony System With Knowledge-Based Local Searches for Multiobjective Supply Chain Configuration. <i>IEEE Transactions on Evolutionary Computation</i> , 2022, 26, 512-526.	7.5	34
5	A coevolutionary algorithm based on the auxiliary population for constrained large-scale multi-objective supply chain network. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 271-286.	1.0	5
6	Multi-Source Domain Transfer Discriminative Dictionary Learning Modeling for Electroencephalogram-Based Emotion Recognition. <i>IEEE Transactions on Computational Social Systems</i> , 2022, 9, 1604-1612.	3.2	47
7	Image Compression Based on Hybrid Domain Attention and Postprocessing Enhancement. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-12.	1.1	1
8	Deep self-supervised clustering with embedding adjacent graph features. <i>Systems Science and Control Engineering</i> , 2022, 10, 336-346.	1.8	2
9	Domain adaptive extreme learning machine for epileptic EEG classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 43, 3983-3992.	0.8	1
10	A genetic algorithm with two-step rank-based encoding for closed-loop supply chain network design. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 5925-5956.	1.0	0
11	Discovering Knee Osteoarthritis Imaging Features for Diagnosis and Prognosis: Review of Manual Imaging Grading and Machine Learning Approaches. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-19.	1.1	27
12	Multiclass Convolution Neural Network for Classification of COVID-19 CT Images. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-15.	1.1	9
13	Transforming UTE-mDixon MR Abdomen-Pelvis Images Into CT by Jointly Leveraging Prior Knowledge and Partial Supervision. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 70-82.	1.9	9
14	Alzheimer's disease multiclass diagnosis via multimodal neuroimaging embedding feature selection and fusion. <i>Information Fusion</i> , 2021, 66, 170-183.	11.7	104
15	Residual-Network-Leveraged Vehicle-Thrown-Waste Identification in Real-Time Traffic Surveillance Videos. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 1817-1826.	4.7	8
16	Synthesizing Multi-Contrast MR Images Via Novel 3D Conditional Variational Auto-Encoding GAN. <i>Mobile Networks and Applications</i> , 2021, 26, 415-424.	2.2	17
17	TSK Fuzzy System for Multi-View Data Discovery Underlying Label Relaxation and Cross-Rule & Cross-View Sparsity Regularizations. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3282-3291.	7.2	19
18	Synthetic CT Generation of the Pelvis in Patients With Cervical Cancer: A Single Input Approach Using Generative Adversarial Network. <i>IEEE Access</i> , 2021, 9, 17208-17221.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Classification of EEG signals in epilepsy using a novel integrated TSK fuzzy system. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4851-4866.	0.8	2
20	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
21	An Auto-Contouring Method for Kidney based on SVM. Journal of Physics: Conference Series, 2021, 1944, 012016.	0.3	0
22	GAN-Based Medical Images Synthesis. International Journal of Health Systems and Translational Medicine, 2021, 1, 1-9.	0.2	2
23	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
24	Texture Analysis in the Assessment of Rectal Cancer: Comparison of T2WI and Diffusion-Weighted Imaging. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-7.	0.7	1
25	A Novel Collaborative Filtering Algorithm and Its Application for Recommendations in E-Commerce. CMES - Computer Modeling in Engineering and Sciences, 2021, 126, 1275-1291.	0.8	2
26	Auto-contouring FDG-PET/MR images for cervical cancer radiation therapy: An intelligent sequential approach using focally trained, shallow U-Nets. Intelligence-based Medicine, 2021, 5, 100026.	1.4	1
27	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
28	Research on Image Denoising and Super-Resolution Reconstruction Technology of Multiscale-Fusion Images. Mobile Information Systems, 2021, 2021, 1-11.	0.4	3
29	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
30	View-collaborative fuzzy soft subspace clustering for automatic medical image segmentation. Multimedia Tools and Applications, 2020, 79, 9523-9542.	2.6	5
31	Fr�chet mean-based Grassmann discriminant analysis. Multimedia Systems, 2020, 26, 63-73.	3.0	1
32	Exemplar-based data stream clustering toward Internet of Things. Journal of Supercomputing, 2020, 76, 2929-2957.	2.4	13
33	Dixon-based thorax synthetic CT generation using Generative Adversarial Network. Intelligence-based Medicine, 2020, 3-4, 100010.	1.4	6
34	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
35	A Novel Radial Basis Neural Network-Leveraged Fast Training Method for Identifying Organs in MR Images. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-9.	0.7	1
36	Estimating CT from MR Abdominal Images Using Novel Generative Adversarial Networks. Journal of Grid Computing, 2020, 18, 211-226.	2.5	24

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37	mDixon-based synthetic CT generation via transfer and patch learning. Pattern Recognition Letters, 2020, 138, 51-59.	2.6	3
38	Smart Diagnosis. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21.	3.0	8
39	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
40	A General Common Spatial Patterns for EEG Analysis With Applications to Vigilance Detection. IEEE Access, 2019, 7, 111102-111114.	2.6	21
41	A Novel Synthetic CT Generation Method Using Multitask Maximum Entropy Clustering. IEEE Access, 2019, 7, 119644-119653.	2.6	11
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	A Novel Doubly Reweighting Multisource Transfer Learning Framework. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 380-391.	3.4	4
44	UTE-based thorax synthetic CT generation. Medical Physics, 2019, 46, 3520-3531.	1.6	17
45	A Novel Distributed Multitask Fuzzy Clustering Algorithm for Automatic MR Brain Image Segmentation. Journal of Medical Systems, 2019, 43, 118.	2.2	91
46	Intelligent diagnosis of cardiac valve calcification in ESRD patients with peritoneal dialysis based on improved Takagi-Sugeno-Kang fuzzy system. International Journal of Bio-Inspired Computation, 2019, 13, 277.	0.6	2
47	Abdomen MRI Synthesis Based on Conditional GAN. , 2019, , .		3
48	Multichannel Residual Conditional GAN-Leveraged Abdominal Pseudo-CT Generation via Dixon MR Images. IEEE Access, 2019, 7, 163823-163830.	2.6	19
49	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
50	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
51	Cat Swarm Optimization applied to alcohol use disorder identification. Multimedia Tools and Applications, 2018, 77, 22875-22896.	2.6	37
52	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
53	SSC-EKE: Semi-supervised classification with extensive knowledge exploitation. Information Sciences, 2018, 422, 51-76.	4.0	46
54	Machine learning-based dual-energy CT parametric mapping. Physics in Medicine and Biology, 2018, 63, 125001.	1.6	23

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55	Abdominal, multi-organ, auto-contouring method for online adaptive magnetic resonance guided radiotherapy: An intelligent, multi-level fusion approach. <i>Artificial Intelligence in Medicine</i> , 2018, 90, 34-41.	3.8	47
56	Affinity and Penalty Jointly Constrained Spectral Clustering With All-Compatibility, Flexibility, and Robustness. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 1123-1138.	7.2	52
57	Recognition of Epileptic EEG Signals Using a Novel Multiview TSK Fuzzy System. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 3-20.	6.5	157
58	Semi-supervised learning using hidden feature augmentation. <i>Applied Soft Computing Journal</i> , 2017, 59, 448-461.	4.1	9
59	Knowledge-leveraged transfer fuzzy C -Means for texture image segmentation with self-adaptive cluster prototype matching. <i>Knowledge-Based Systems</i> , 2017, 130, 33-50.	4.0	76
60	Large-scale fuzzy multiple-medoid clustering method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 1833-1845.	0.8	2
61	Seizure Classification From EEG Signals Using Transfer Learning, Semi-Supervised Learning and TSK Fuzzy System. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 2270-2284.	2.7	179
62	Cluster Prototypes and Fuzzy Memberships Jointly Leveraged Cross-Domain Maximum Entropy Clustering. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 181-193.	6.2	87
63	Cross-domain, soft-partition clustering with diversity measure and knowledge reference. <i>Pattern Recognition</i> , 2016, 50, 155-177.	5.1	49
64	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
65	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
66	Feedforward kernel neural networks, generalized least learning machine, and its deep learning with application to image classification. <i>Applied Soft Computing Journal</i> , 2015, 37, 125-141.	4.1	46
67	Generation of brain pseudo-ECTs using an undersampled, single-acquisition UTE-Dixon pulse sequence and unsupervised clustering. <i>Medical Physics</i> , 2015, 42, 4974-4986.	1.6	56
68	Collaborative Fuzzy Clustering From Multiple Weighted Views. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 688-701.	6.2	218
69	Transfer learning based maximum entropy clustering. , 2014, , .		9
70	Multiple-kernel based soft subspace fuzzy clustering. , 2014, , .		5
71	Fast Graph-Based Relaxed Clustering for Large Data Sets Using Minimal Enclosing Ball. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012, 42, 672-687.	5.5	48
72	Improved Mean Shift Spectral Clustering Based on Reduced Set Density Estimator. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
73	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
74	R-T-S Assisted Kalman Filtering for Robot Localization Using UWB Measurement. Mobile Networks and Applications, 0, , 1.	2.2	2
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, , 1.	2.5	0