

Junping Zhang

List of PR Articles by Year in descending order

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52

PR articles

2,702

PR citations

287960

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165105

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4246

doc citations

230718

25

h-index

4428

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Exploiting Neighbor Effect: Conv-Agnostic GNN Framework for Graphs With Heterophily. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 13383-13396.	9.6	26
2	Bridging the Gap: Improving Domain Generalization in Trajectory Prediction. IEEE Transactions on Intelligent Vehicles, 2024, 9, 1780-1791.	10.3	10
3	CoreDiff: Contextual Error-Modulated Generalized Diffusion Model for Low-Dose CT Denoising and Generalization. IEEE Transactions on Medical Imaging, 2024, 43, 745-759.	7.7	101
4	CT Image Denoising and Deblurring With Deep Learning: Current Status and Perspectives. IEEE Transactions on Radiation and Plasma Medical Sciences, 2024, 8, 153-172.	2.4	37
5	Quad-Net: Quad-Domain Network for CT Metal Artifact Reduction. IEEE Transactions on Medical Imaging, 2024, 43, 1866-1879.	7.7	17
6	HOPE: Hybrid-Granularity Ordinal Prototype Learning for Progression Prediction of Mild Cognitive Impairment. IEEE Journal of Biomedical and Health Informatics, 2024, 28, 6429-6440.	5.4	7
7	End-to-End Paired Ambisonic-Binaural Audio Rendering. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 502-513.	8.9	3
8	CORE: Learning consistent ordinal representations with convex optimization for image ordinal estimation. Pattern Recognition, 2024, 156, 110748.	7.3	4
9	Graph Decoupling Attention Markov Networks for Semisupervised Graph Node Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9859-9873.	9.6	20
10	Location-Guided LiDAR-Based Panoptic Segmentation for Autonomous Driving. IEEE Transactions on Intelligent Vehicles, 2023, 8, 1473-1483.	10.3	17
11	Learning Representation for Clustering Via Prototype Scattering and Positive Sampling. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 7509-7524.	11.3	92
12	When Age-Invariant Face Recognition Meets Face Age Synthesis: A Multi-Task Learning Framework and a New Benchmark. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 7917-7932.	11.3	51
13	Lane Transformer: A High-Efficiency Trajectory Prediction Model. IEEE Open Journal of Intelligent Transportation Systems, 2023, 4, 2-13.	3.7	55
14	SAN-Net: Learning generalization to unseen sites for stroke lesion segmentation with self-adaptive normalization. Computers in Biology and Medicine, 2023, 156, 106717.	6.5	37
15	Forget less, count better: a domain-incremental self-distillation learning benchmark for lifelong crowd counting. Frontiers of Information Technology and Electronic Engineering, 2023, 24, 187-202.	2.1	20
16	HiVeGPT: Human-Machine-Augmented Intelligent Vehicles With Generative Pre-Trained Transformer. IEEE Transactions on Intelligent Vehicles, 2023, 8, 2027-2033.	10.3	58
17	DSiV: Data Science for Intelligent Vehicles. IEEE Transactions on Intelligent Vehicles, 2023, 8, 2628-2634.	10.3	10
18	Deep Rank-Consistent Pyramid Model for Enhanced Crowd Counting. IEEE Transactions on Neural Networks and Learning Systems, 2023, , 1-14.	9.6	12

#	ARTICLE	IF	PR CITATIONS
19	Robust Precipitation Bias Correction Through an Ordinal Distribution Autoencoder. IEEE Intelligent Systems, 2022, 37, 60-70.	2.1	4
20	SSAS: Spatiotemporal Scale Adaptive Selection for Improving Bias Correction on Precipitation. IEEE Transactions on Cybernetics, 2022, 52, 12175-12188.	10.1	7
21	Convolutional Ordinal Regression Forest for Image Ordinal Estimation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4084-4095.	9.6	28
22	DU-GAN: Generative Adversarial Networks With Dual-Domain U-Net-Based Discriminators for Low-Dose CT Denoising. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	3.8	127
23	Hard-instance learning for quantum adiabatic prime factorization. Physical Review A, 2022, 105, .	2.7	6
24	Meta Ordinal Regression Forest for Medical Image Classification With Ordinal Labels. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1233-1247.	8.9	25
25	An Auto-Adjustable and Time-Consistent Model for Determining Coagulant Dosage Based on Operators's Experience. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5614-5625.	7.3	12
26	PFA-GAN: Progressive Face Aging With Generative Adversarial Network. IEEE Transactions on Information Forensics and Security, 2021, 16, 2031-2045.	6.4	56
27	GaitSet: Cross-view Gait Recognition through Utilizing Gait as a Deep Set. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, , 1-1.	11.3	115
28	Video-based Facial Micro-Expression Analysis: A Survey of Datasets, Features and Algorithms. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, , 1-1.	11.3	173
29	A Magnitude and Angle Combined Optical Flow Feature for Microexpression Spotting. IEEE MultiMedia, 2021, 28, 29-39.	1.3	18
30	Strided Self-Supervised Low-Dose CT Denoising for Lung Nodule Classification. Phenomics, 2021, 1, 257-268.	5.4	24
31	Stability-Based Generalization Analysis of Distributed Learning Algorithms for Big Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 801-812.	9.6	20
32	PaDNet: Pan-Density Crowd Counting. IEEE Transactions on Image Processing, 2020, 29, 2714-2727.	9.6	95
33	Shape and margin-aware lung nodule classification in low-dose CT images via soft activation mapping. Medical Image Analysis, 2020, 60, 101628.	10.6	80
34	Ordinal distribution regression for gait-based age estimation. Science China Information Sciences, 2020, 63, .	4.8	24
35	A Deep Learning-Based Methodology for Precipitation Nowcasting With Radar. Earth and Space Science, 2020, 7, .	2.4	102
36	Multi-Task GANs for View-Specific Feature Learning in Gait Recognition. IEEE Transactions on Information Forensics and Security, 2019, 14, 102-113.	6.4	212

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37	Framework of Randomized Distribution Features for Visual Representation and Categorization. IEEE Transactions on Cybernetics, 2019, 49, 3599-3606.	10.1	2
38	Crowd Counting With Limited Labeling Through Submodular Frame Selection. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1728-1738.	7.9	30
39	Learning Linear Representation of Space Partitioning Trees Based on Unsupervised Kernel Dimension Reduction. IEEE Transactions on Cybernetics, 2016, 46, 3427-3438.	10.1	1
40	Semisupervised Pedestrian Counting With Temporal and Spatial Consistencies. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1705-1715.	7.9	16
41	Human Identification Using Temporal Information Preserving Gait Template. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2164-2176.	11.3	258
42	Multi-operator image retargeting with automatic integration of direct and indirect seam carving. Image and Vision Computing, 2012, 30, 655-667.	3.8	19
43	Principal Curve Algorithms for Partitioning High-Dimensional Data Spaces. IEEE Transactions on Neural Networks, 2011, 22, 367-380.	3.5	13
44	Quantitative Analysis of Nonlinear Embedding. IEEE Transactions on Neural Networks, 2011, 22, 1987-1998.	3.5	9
45	Data-Driven Intelligent Transportation Systems: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 1624-1639.	7.9	1,571
46	Semi-supervised Elastic net for pedestrian counting. Pattern Recognition, 2011, 44, 2297-2304.	7.3	75
47	Non-Parametric Kernel Learning with robust pairwise constraints. International Journal of Machine Learning and Cybernetics, 2011, 3, 83-96.	2.2	15
48	Remote Sensing Image Registration Based on Retrofitted SURF Algorithm and Trajectories Generated From Lissajous Figures. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 491-495.	3.3	42
49	A RIEMANNIAN DISTANCE APPROACH FOR CONSTRUCTING PRINCIPAL CURVES. International Journal of Neural Systems, 2010, 20, 209-218.	6.2	4
50	Low-Resolution Gait Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 986-996.	5.1	69
51	Neighbor embedding based super-resolution algorithm through edge detection and feature selection. Pattern Recognition Letters, 2009, 30, 494-502.	3.1	133
52	Adaptive Constraint K-Segment Principal Curves for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2008, 9, 666-677.	7.9	32