

Xue Wang

List of Publications by Year in descending order

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Version: 2024-02-01

91
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236833

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92
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and Spectral Feature Learning With Two-Stream Convolutional Neural Networks for Appliance Recognition in NILM. IEEE Transactions on Smart Grid, 2022, 13, 762-772.	6.2	32
2	Generic enhanced ensemble learning with multi-level kinematic constraints for 3D action recognition. Multimedia Tools and Applications, 2022, 81, 9685.	2.6	0
3	View Enhanced Jigsaw Puzzle for Self-Supervised Feature Learning in 3D Human Action Recognition. IEEE Access, 2022, 10, 36385-36396.	2.6	3
4	RESLS: Region and Edge Synergetic Level Set Framework for Image Segmentation. IEEE Transactions on Image Processing, 2020, 29, 57-71.	6.0	51
5	A New Hybrid Level Set Approach. IEEE Transactions on Image Processing, 2020, 29, 7032-7044.	6.0	13
6	Spectral and Temporal Feature Learning With Two-Stream Neural Networks for Mental Workload Assessment. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1149-1159.	2.7	60
7	Instance Segmentation Enabled Hybrid Data Association and Discriminative Hashing for Online Multi-Object Tracking. IEEE Transactions on Multimedia, 2019, 21, 1709-1723.	5.2	20
8	Non-Intrusive Load Monitoring by Voltage-Current Trajectory Enabled Transfer Learning. IEEE Transactions on Smart Grid, 2019, 10, 5609-5619.	6.2	132
9	Learning Spatial-Spectral-Temporal EEG Features With Recurrent 3D Convolutional Neural Networks for Cross-Task Mental Workload Assessment. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 31-42.	2.7	155
10	A Deep Feature Optimization Fusion Method for Extracting Bearing Degradation Features. IEEE Access, 2018, 6, 19640-19653.	2.6	37
11	Sparsity constrained differential evolution enabled feature-channel-sample hybrid selection for daily-life EEG emotion recognition. Multimedia Tools and Applications, 2018, 77, 21967-21994.	2.6	11
12	Coarse-to-fine multiview 3d face reconstruction using multiple geometrical features. Multimedia Tools and Applications, 2018, 77, 939-966.	2.6	5
13	Adaptive Energy Weight Based Active Contour Model for Robust Medical Image Segmentation. Journal of Signal Processing Systems, 2018, 90, 449-465.	1.4	10
14	3D skeletonization feature based computer-aided detection system for pulmonary nodules in CT datasets. Computers in Biology and Medicine, 2018, 92, 64-72.	3.9	43
15	Implicit relative attribute enabled cross-modality hashing for face image-video retrieval. Multimedia Tools and Applications, 2018, 77, 23547-23577.	2.6	1
16	Admittance-based load signature construction for non-intrusive appliance load monitoring. Energy and Buildings, 2018, 171, 209-219.	3.1	43
17	Wearable biosensor network enabled multimodal daily-life emotion recognition employing reputation-driven imbalanced fuzzy classification. Measurement: Journal of the International Measurement Confederation, 2017, 109, 408-424.	2.5	25
18	Global optimal hybrid geometric active contour for automated lung segmentation on CT images. Computers in Biology and Medicine, 2017, 91, 168-180.	3.9	30

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19	Feature Weight Driven Interactive Mutual Information Modeling for Heterogeneous Bio-Signal Fusion to Estimate Mental Workload. <i>Sensors</i> , 2017, 17, 2315.	2.1	16
20	Resolution-Enhanced Harmonic and Interharmonic Measurement for Power Quality Analysis in Cyber-Physical Energy System. <i>Sensors</i> , 2016, 16, 946.	2.1	9
21	Data-Aware Retrodiction for Asynchronous Harmonic Measurement in a Cyber-Physical Energy System. <i>Sensors</i> , 2016, 16, 1316.	2.1	3
22	Time-efficient pulse-coupled oscillators based trustworthy synchronization for distributed harmonic sensing. , 2016, , .		0
23	EEG feature selection based on weighted-normalized mutual information for mental fatigue classification. , 2016, , .		4
24	Adaptive recursive optimized extrinsic self-calibration in distributed visual sensor networks. , 2016, , .		1
25	Self-adaptive morphable model based collaborative multi-view 3d face reconstruction in visual sensor network. <i>Multimedia Tools and Applications</i> , 2016, 75, 11469-11491.	2.6	3
26	Reputation-driven multimodal emotion recognition in wearable biosensor network. , 2015, , .		8
27	Sparse EEG compressive sensing for web-enabled person identification. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 74, 11-20.	2.5	41
28	Heterogeneous feature fusion-based optimal face image acquisition in visual sensor network. , 2015, , .		5
29	Supervised recursive segmentation of volumetric CT images for 3D reconstruction of lung and vessel tree. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 122, 316-329.	2.6	21
30	Asynchronous harmonic analysis based on out-of-sequence measurement for large-scale residential power network. , 2015, , .		3
31	Remaining Useful Life Prediction of Lithium-Ion Batteries Based on the Wiener Process with Measurement Error. <i>Energies</i> , 2014, 7, 520-547.	1.6	210
32	Adaptive image sequence reduction in surveillance using region enhancement block compressive sensing. , 2014, , .		2
33	Pure harmonics extracting from time-varying power signal based on improved empirical mode decomposition. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 49, 216-225.	2.5	10
34	Robust global minimization of active contour model for multi-object medical image segmentation. , 2014, , .		3
35	Identification of multiple harmonic sources in cyber-physical energy system using supervised independent component analysis. , 2014, , .		1
36	Face acquiring optimization based on video sensor network. , 2014, , .		1

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37	Prediction-based manufacturing center self-adaptive demand side energy optimization in cyber physical systems. Chinese Journal of Mechanical Engineering (English Edition), 2014, 27, 488-495.	1.9	5
38	Self-adaptive morphable model based multi-view non-cooperative 3D face reconstruction. , 2014, , .		2
39	Hierarchical sparse learning for load forecasting in cyber-physical energy systems. , 2013, , .		6
40	L-Shaped-Sensor-Array-Based Localization and Tracking Method for 3D Maneuvering Target. International Journal of Distributed Sensor Networks, 2013, 9, 741284.	1.3	2
41	Recursive cooperative swarm optimization for harmonic analysis of time-varying power signal. , 2013, , .		1
42	Multiphase Level Set-based Multi-objective Image Segmentation Cooperating with Spatial Fuzzy C-means. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2013, 49, 10.	0.7	11
43	Collaborative target classification with multiagent system in wireless multimedia sensor networks. , 2012, , .		1
44	Hierarchical Deployment Optimization for Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2011, 10, 1028-1041.	3.9	67
45	Trust Evaluation Sensing for Wireless Sensor Networks. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2088-2095.	2.4	26
46	A novel method of gross error identification in non-diffracting beam triangulation measurement system. Proceedings of SPIE, 2010, , .	0.8	1
47	Reputation-Enabled Self-Modification for Target Sensing in Wireless Sensor Networks. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 171-179.	2.4	32
48	Distributed strategy for sensing deployment in wireless sensor networks. , 2010, , .		4
49	Distributed Energy Optimization for Target Tracking in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2010, 9, 73-86.	3.9	80
50	Energy-aware Scheduling of Surveillance in Wireless Multimedia Sensor Networks. Sensors, 2010, 10, 3100-3125.	2.1	11
51	Interval modulated target sensing in energy restraint wireless sensor networks. , 2010, , .		1
52	Hybrid Gaussian process visual target classification in wireless multimedia sensor networks. , 2009, , .		0
53	Parallel energy-efficient coverage optimization with maximum entropy clustering in wireless sensor networks. Journal of Parallel and Distributed Computing, 2009, 69, 838-847.	2.7	22
54	Distributed lightweight target tracking for wireless sensor networks. , 2009, , .		6

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55	Compacted Probabilistic Visual Target Classification With Committee Decision in Wireless Multimedia Sensor Networks. IEEE Sensors Journal, 2009, 9, 346-353.	2.4	7
56	Reputation-based sensing reliability assurance in wireless sensor networks. , 2009, , .		0
57	Distributed Visual-Target-Surveillance System in Wireless Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1134-1146.	5.5	82
58	Multi-step Optimized Measurement in Hierarchically Clustered Wireless Sensor Networks. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2009, 45, 1.	0.7	2
59	Particle Swarm Optimization Clustering for Target Classification in Wireless Sensor Networks. , 2008, , .		2
60	Collaborative hybrid classifier learning with ant colony optimization in wireless multimedia sensor networks. , 2008, , .		1
61	Robust target localization with multi-party cooperation in wireless sensor networks. , 2008, , .		0
62	Collaborative statistical learning with rough feature reduction for visual target classification. , 2008, , .		0
63	Bootstrap Gaussian Process classifiers for rotating machinery anomaly detection. , 2008, , .		0
64	Bidding and Voting Strategy for Energy Efficient Collaborative Target Classification in Wireless Sensor Networks. , 2008, , .		1
65	Energy-efficient Organization of Wireless Sensor Networks with Adaptive Forecasting. Sensors, 2008, 8, 2604-2616.	2.1	9
66	Latent Function Sigmoid Compression Bayesian Fault Recognition Method. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2008, 44, 145.	0.7	0
67	Prediction-based Dynamic Energy Management in Wireless Sensor Networks. Sensors, 2007, 7, 251-266.	2.1	64
68	Fault Recognition with Labeled Multi-category Support Vector Machine. , 2007, , .		4
69	Virtual Force-Directed Particle Swarm Optimization for Dynamic Deployment in Wireless Sensor Networks. , 2007, , 292-303.		21
70	An Improved Co-evolutionary Particle Swarm Optimization for Wireless Sensor Networks with Dynamic Deployment. Sensors, 2007, 7, 354-370.	2.1	163
71	Dynamic sensor nodes selection strategy for wireless sensor networks. , 2007, , .		9
72	Agent Collaborative Target Localization and Classification in Wireless Sensor Networks. Sensors, 2007, 7, 1359-1386.	2.1	30

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73	Distributed Particle Swarm Optimization and Simulated Annealing for Energy-efficient Coverage in Wireless Sensor Networks. <i>Sensors</i> , 2007, 7, 628-648.	2.1	74
74	Cluster-based Dynamic Energy Management for Collaborative Target Tracking in Wireless Sensor Networks. <i>Sensors</i> , 2007, 7, 1193-1215.	2.1	45
75	Time Series Forecasting Energy-efficient Organization of Wireless Sensor Networks. <i>Sensors</i> , 2007, 7, 1766-1792.	2.1	27
76	Energy-efficient Optimization of Reorganization-Enabled Wireless Sensor Networks. <i>Sensors</i> , 2007, 7, 1793-1816.	2.1	12
77	Hierarchical Wireless Multimedia Sensor Networks for Collaborative Hybrid Semi-Supervised Classifier Learning. <i>Sensors</i> , 2007, 7, 2693-2722.	2.1	8
78	Robust Forecasting for Energy Efficiency of Wireless Multimedia Sensor Networks. <i>Sensors</i> , 2007, 7, 2779-2807.	2.1	16
79	An Improved Particle Filter for Target Tracking in Sensor Systems. <i>Sensors</i> , 2007, 7, 144-156.	2.1	64
80	Distributed Peer-to-Peer Target Tracking in Wireless Sensor Networks. <i>Sensors</i> , 2007, 7, 1001-1027.	2.1	40
81	Collaborative signal processing for target tracking in distributed wireless sensor networks. <i>Journal of Parallel and Distributed Computing</i> , 2007, 67, 501-515.	2.7	77
82	Dynamic power optimization with target prediction for measurement in wireless sensor networks. <i>Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering</i> , 2007, 43, 26.	0.7	2
83	Dynamic Energy Management with Improved Particle Filter Prediction in Wireless Sensor Networks. , 2007, , 251-262.		2
84	Collaborative Deployment Optimization and Dynamic Power Management in Wireless Sensor Networks. , 2006, , .		12
85	Dynamic sensing optimization strategy for mobile nodes deployment in wireless sensor networks. , 2006, 6357, 1062.		0
86	A Novel Framework for Cluster-based Sensor Fusion. , 2006, , .		4
87	Dynamic hierarchical committee for multiple agent decision in wireless sensor networks. , 2006, , .		0
88	Optimized Deployment Strategy of Mobile Agents in Wireless Sensor Networks. , 2006, , .		13
89	Dynamic Deployment Optimization in Wireless Sensor Networks. , 2006, , 182-187.		7
90	Dynamic Deployment Optimization in Wireless Sensor Networks. , 2006, , 182-187.		33

#	ARTICLE	IF	CITATIONS
91	STATE TRACKING MEASUREMENT METHOD USING PARTICLE FILTER BASED ON RADIAL BASIS FUNCTION NEURAL NETWORK. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2006, 42, 21.	0.7	0