Wendong Xiao

List of Publications by Year in Descending Order

64 papers	987 citations	16 h-index	29 g-index
81 ext. papers	1,340 ext. citations	3.9 avg, IF	5.01 L-index

#	Paper	IF	Citations
64	Optimal Energy-Storage Configuration for Microgrids Based on SOH Estimation and Deep Q-Network. *Entropy*, **2022**, 24, 630	2.8	0
63	Multi-objective optimization-based adaptive class-specific cost extreme learning machine for imbalanced classification. *Neurocomputing*, **2022**, 496, 107-120	5.4	3
62	Improved Deep Q-Network for User-Side Battery Energy Storage Charging and Discharging Strategy in Industrial Parks. *Entropy*, **2021**, 23,	2.8	1
61	. *IEEE Internet of Things Journal*, **2021**, 8, 4749-4761	10.7	10
60	Data and Knowledge Twin Driven Integration for Large-Scale Device-Free Localization. *IEEE Internet of Things Journal*, **2021**, 8, 320-331	10.7	16
59	Adaptive online sequential extreme learning machine for dynamic modeling. *Soft Computing*, **2021**, 25, 2177-2189	3.5	4
58	Multistep Prediction-Based Adaptive Dynamic Programming Sensor Scheduling Approach for Collaborative Target Tracking in Energy Harvesting Wireless Sensor Networks. *IEEE Transactions on Automation Science and Engineering*, **2021**, 18, 693-704	4.9	6
57	Extreme Learning Machine for Heartbeat Classification with Hybrid Time-Domain and Wavelet Time-Frequency Features. *Journal of Healthcare Engineering*, **2021**, 2021, 6674695	3.7	3
56	Non-iterative and Fast Deep Learning: Multilayer Extreme Learning Machines. *Journal of the Franklin Institute*, **2020**, 357, 8925-8955	4	36
55	A Novel Hybrid Algorithm Based on Grey Wolf Optimizer and Fireworks Algorithm. *Sensors*, **2020**, 20,	3.8	12
54	Robust extreme learning machine for modeling with unknown noise. *Journal of the Franklin Institute*, **2020**, 357, 9885-9908	4	11
53	Joint Matrix Factorization: A Novel Approach for Recommender System. *IEEE Access*, **2020**, 8, 224596-224607	3.9	1
52	Multilayer probability extreme learning machine for device-free localization. *Neurocomputing*, **2020** , 396, 383-393	5.4	17
51	Data-Driven Multiobjective Optimization for Burden Surface in Blast Furnace With Feedback Compensation. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 2233-2244	11.9	22
50	Electrocardiogram Classification Based on Faster Regions with Convolutional Neural Network. *Sensors*, **2019**, 19,	3.8	30
49	Quantitative Assessment of Autonomic Regulation of the Cardiac System. *Journal of Healthcare Engineering*, **2019**, 2019, 4501502	3.7	4
48	Kullback-Leibler Divergence Based Probabilistic Approach for Device-Free Localization Using Channel State Information. *Sensors*, **2019**, 19,	3.8	2

47	. *IEEE Access*, **2019**, 7, 125919-125928	3.5	13
46	Blast furnace condition data clustering based on combination of T-distributed stochastic neighbor embedding and spectral clustering **2019**,		1
45	Finite-Horizon Adaptive Dynamic Programming for Collaborative Target Tracking in Energy Harvesting Wireless Sensor Networks **2019**,		1
44	Adaptive Dynamic Programming Based optimization Scheduling for Wireless Mobile Charging **2019**,		1
43	A Soft Sensing Scheme of Gas Utilization Ratio Prediction for Blast Furnace Via Improved Extreme Learning Machine. *Neural Processing Letters*, **2019**, 50, 1191-1213	2.4	10
42	Prediction model of hot metal temperature for blast furnace based on improved multi-layer extreme learning machine. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 2739-2752	3.8	5
41	Data-driven prediction model for adjusting burden distribution matrix of blast furnace based on improved multilayer extreme learning machine. *Soft Computing*, **2018**, 22, 3575-3589	3.5	8
40	Multi-sensor scheduling for target tracking based on constrained ADP in energy harvesting WSN **2018**,		5
39	The Prediction of the Gas Utilization Ratio based on TS Fuzzy Neural Network and Particle Swarm Optimization. *Sensors*, **2018**, 18,	3.8	21
38	Adaptive Dynamic Programming-Based Multi-Sensor Scheduling for Collaborative Target Tracking in Energy Harvesting Wireless Sensor Networks. *Sensors*, **2018**, 18,	3.8	2
37	. *IEEE Access*, **2018**, 6, 62215-62223	3.5	5
36	. *IEEE Access*, **2018**, 6, 50641-50647	3.5	6
35	Parallel one-class extreme learning machine for imbalance learning based on Bayesian approach. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 1	3.7	12
34	Residual compensation extreme learning machine for regression. *Neurocomputing*, **2018**, 311, 126-136	5.4	43
33	Off-policy neuro-optimal control for unknown complex-valued nonlinear systems based on policy iteration. *Neural Computing and Applications*, **2017**, 28, 1435-1441	4.8	1
32	Class-specific cost regulation extreme learning machine for imbalanced classification. *Neurocomputing*, **2017**, 261, 70-82	5.4	76
31	Advertisement Click-Through Rate Prediction Based on the Weighted-ELM and Adaboost Algorithm. *Scientific Programming*, **2017**, 2017, 1-8	1.4	2
30	Device-Free Localization via an Extreme Learning Machine with Parameterized Geometrical Feature Extraction. *Sensors*, **2017**, 17,	3.8	31

29	Large-scale WiFi indoor localization via extreme learning machine **2017**,		10
28	Adaptive platoon control for nonlinear vehicular systems with asymmetric input deadzone and inter-vehicular spacing constraints **2017**,		2
27	Fusion of Inertial/Magnetic Sensor Measurements and Map Information for Pedestrian Tracking. *Sensors*, **2017**, 17,	3.8	30
26	Energy-Based Acoustic Source Localization Methods: A Survey. *Sensors*, **2017**, 17,	3.8	15
25	A Novel Online Sequential Extreme Learning Machine for Gas Utilization Ratio Prediction in Blast Furnaces. *Sensors*, **2017**, 17,	3.8	36
24	Alumina Concentration Detection Based on the Kernel Extreme Learning Machine. *Sensors*, **2017**, 17,	3.8	6
23	ADP-based optimal sensor scheduling for target tracking in energy harvesting wireless sensor networks. *Neural Computing and Applications*, **2016**, 27, 1543-1551	4.8	14
22	Communication Aware Optimal Sensor Motion Coordination for Source Localization. *IEEE Transactions on Instrumentation and Measurement*, **2016**, 65, 2505-2514	5.2	9
21	Optimal TDOA Sensor-Pair Placement With Uncertainty in Source Location. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 9260-9271	6.8	38
20	Nonlinear optimization-based device-free localization with outlier link rejection. *Sensors*, **2015**, 15, 8072-87	3.8	17
19	Adaptive Dynamic Programming for Multi-Point Scheduling in Energy Harvesting Wireless Sensor Networks **2015**,		2
18	Daily Human Physical Activity Recognition Based on Kernel Discriminant Analysis and Extreme Learning Machine. *Mathematical Problems in Engineering*, **2015**, 2015, 1-8	1.1	10
17	Sequential Geometric Approach for Device-Free Localization with Outlier Link Rejection. *Mathematical Problems in Engineering*, **2015**, 2015, 1-8	1.1	2
16	Neural-network-based approach to finite-time optimal control for a class of unknown nonlinear systems. *Soft Computing*, **2014**, 18, 1645-1653	3.5	12
15	A new self-learning optimal control laws for a class of discrete-time nonlinear systems based on ESN architecture. *Science China Information Sciences*, **2014**, 57, 1-10	3.4	13
14	Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1733-1739	10.3	106
13	IMM Filter Based Human Tracking Using a Distributed Wireless Sensor Network. *Mathematical Problems in Engineering*, **2014**, 2014, 1-8	1.1	
12	Resource-Constrained Signal Processing in Sensor Networks. *Mathematical Problems in Engineering*, **2014**, 2014, 1-2	1.1	

11	Optimal tracking control for a class of continuous time complex-valued systems based on adaptive dynamic programming algorithm **2014**,		3
10	Multi-objective optimal control for a class of nonlinear time-delay systems via adaptive dynamic programming. *Soft Computing*, **2013**, 17, 2109-2115	3.5	15
9	Decentralized TDOA Sensor Pairing in Multihop Wireless Sensor Networks. *IEEE Signal Processing Letters*, **2013**, 20, 181-184	3.2	27
8	A Novel Human Motion Tracking Approach Based on a Wireless Sensor Network. *International Journal of Distributed Sensor Networks*, **2013**, 9, 636052	1.7	3
7	Multi-step Sensor Scheduling for Energy-Efficient High-Accuracy Collaborative Target Tracking in Wireless Sensor Networks **2013**,		3
6	Sensor selection for random field estimation in wireless sensor networks. *Journal of Systems Science and Complexity*, **2012**, 25, 46-59	1	1
5	Sensor placement in heterogeneous sensor networks **2012**,		1
4	Self-learning sensor scheduling for target tracking in wireless sensor networks based on adaptive dynamic programming **2012**,		2
3	Energy-efficient adaptive sensor scheduling for target tracking in wireless sensor networks. *Journal of Control Theory and Applications*, **2010**, 8, 86-92		30
2	. *IEEE Transactions on Instrumentation and Measurement*, **2009**, 58, 1886-1896	5.2	156
1	ML-WiGR: a meta-learning-based approach for cross-domain device-free gesture recognition. *Soft Computing*,1	3.5	1