

# Haibo He

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

368  
papers

15,421  
citations

61  
h-index

112  
g-index

408  
ext. papers

19,862  
ext. citations

6.4  
avg, IF

7.74  
L-index

#	Paper	IF	Citations
368	Learning from Imbalanced Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2009</b> , 21, 1263-1284	11.4	3859
367	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 3196-3207	8.9	291
366	Cyber-physical attacks and defences in the smart grid: a survey. <i>IET Cyber-Physical Systems: Theory and Applications</i> , <b>2016</b> , 1, 13-27	2.5	221
365	Contribution of the Compass satellite navigation system to global PNT users. <i>Science Bulletin</i> , <b>2011</b> , 56, 2813-2819		213
364	Incorporating Intelligence in Fog Computing for Big Data Analysis in Smart Cities. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2140-2150	11.9	201
363	ADASYN: Adaptive synthetic sampling approach for imbalanced learning <b>2008</b> ,		199
362	Air-Breathing Hypersonic Vehicle Tracking Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 584-598	10.3	175
361	A three-network architecture for on-line learning and optimization based on adaptive dynamic programming. <i>Neurocomputing</i> , <b>2012</b> , 78, 3-13	5.4	169
360	Adaptive Critic Nonlinear Robust Control: A Survey. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3429-3451	10.2	166
359	Stacked Multilevel-Denoising Autoencoders: A New Representation Learning Approach for Wind Turbine Gearbox Fault Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2017</b> , 66, 2391-2402	5.2	165
358	An Event-Triggered ADP Control Approach for Continuous-Time System With Unknown Internal States. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 683-694	10.2	148
357	Model-Free Real-Time EV Charging Scheduling Based on Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 5246-5257	10.7	144
356	Dynamic path planning for autonomous driving on various roads with avoidance of static and moving obstacles. <i>Mechanical Systems and Signal Processing</i> , <b>2018</b> , 100, 482-500	7.8	140
355	RAMOBoost: Ranked Minority Oversampling in Boosting. <i>IEEE Transactions on Neural Networks</i> , <b>2010</b> , 21, 1624-42		137
354	Toward Optimal Feature Selection in Naive Bayes for Text Categorization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 2508-2521	4.2	132
353	Adaptive learning in tracking control based on the dual critic network design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 913-28	10.3	130
352	Q-Learning-Based Vulnerability Analysis of Smart Grid Against Sequential Topology Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 200-210	8	122

351	A local density-based approach for outlier detection. <i>Neurocomputing</i> , <b>2017</b> , 241, 171-180	5.4	117
350	Power System Stability Control for a Wind Farm Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 166-177	10.7	117
349	Event-Triggered Optimal Control for Partially Unknown Constrained-Input Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4101-4109	8.9	116
348	Cascading Failure Analysis With DC Power Flow Model and Transient Stability Analysis. <i>IEEE Transactions on Power Systems</i> , <b>2015</b> , 30, 285-297	7	112
347	Data-Driven Tracking Control With Adaptive Dynamic Programming for a Class of Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1460-1470	10.2	110
346	Wind Turbine Fault Detection Using a Denoising Autoencoder With Temporal Information. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 89-100	5.5	105
345	Stochastic Optimization of Economic Dispatch for Microgrid Based on Approximate Dynamic Programming. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 2440-2452	10.7	105
344	An Event-Triggered Approach for Load Frequency Control With Supplementary ADP. <i>IEEE Transactions on Power Systems</i> , <b>2017</b> , 32, 581-589	7	104
343	Event-Triggered Adaptive Dynamic Programming for Continuous-Time Systems With Control Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 1941-1952	10.3	103
342	Energy-Storage-Based Low-Frequency Oscillation Damping Control Using Particle Swarm Optimization and Heuristic Dynamic Programming. <i>IEEE Transactions on Power Systems</i> , <b>2014</b> , 29, 2539-2548	7.48	101
341	Improved Sliding Mode Design for Load Frequency Control of Power System Integrated an Adaptive Learning Strategy. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 6742-6751	8.9	100
340	Formation Learning Control of Multiple Autonomous Underwater Vehicles With Heterogeneous Nonlinear Uncertain Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2920-2934	10.2	100
339	Revealing cascading failure vulnerability in power grids using risk-graph. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 3274-3284	3.7	99
338	Adaptive Event-Triggered Control Based on Heuristic Dynamic Programming for Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 1594-1605	10.3	98
337	Learning Race from Face: A Survey. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2014</b> , 36, 2483-509	13.3	98
336	Novel iterative neural dynamic programming for data-based approximate optimal control design. <i>Automatica</i> , <b>2017</b> , 81, 240-252	5.7	95
335	A Bayesian Classification Approach Using Class-Specific Features for Text Categorization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 1602-1606	4.2	93
334	Optimal control for unknown discrete-time nonlinear Markov jump systems using adaptive dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 2141-55	10.3	92

333	Optimized Control of DFIG-Based Wind Generation Using Sensitivity Analysis and Particle Swarm Optimization. <i>IEEE Transactions on Smart Grid</i> , <b>2013</b> , 4, 509-520	10.7	92
332	Towards incremental learning of nonstationary imbalanced data stream: a multiple selectively recursive approach. <i>Evolving Systems</i> , <b>2011</b> , 2, 35-50	2.1	90
331	A Novel Energy Function-Based Stability Evaluation and Nonlinear Control Approach for Energy Internet. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 1195-1210	10.7	88
330	Online learning control using adaptive critic designs with sparse kernel machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 762-75	10.3	85
329	Incremental learning from stream data. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 1901-14		83
328	Adaptive learning and control for MIMO system based on adaptive dynamic programming. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 1133-48		83
327	Resilience Analysis of Power Grids Under the Sequential Attack. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2014</b> , 9, 2340-2354	8	82
326	Impact of Power Grid Strength and PLL Parameters on Stability of Grid-Connected DFIG Wind Farm. <i>IEEE Transactions on Sustainable Energy</i> , <b>2020</b> , 11, 545-557	8.2	80
325	Dynamic Energy Management of a Microgrid Using Approximate Dynamic Programming and Deep Recurrent Neural Network Learning. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 4435-4445	10.7	79
324	Dimensionality Reduction of Hyperspectral Imagery Based on Spatial-Spectral Manifold Learning. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2604-2616	10.2	78
323	Semisupervised Feature Selection Based on Relevance and Redundancy Criteria. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 1974-1984	10.3	76
322	Integrated Security Analysis on Cascading Failure in Complex Networks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2014</b> , 9, 451-463	8	76
321	Event-Driven Adaptive Robust Control of Nonlinear Systems With Uncertainties Through NDP Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1358-1370	7.3	75
320	Real-Time Demand Side Management for a Microgrid Considering Uncertainties. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 1-1	10.7	75
319	Goal representation heuristic dynamic programming on maze navigation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 2038-50	10.3	75
318	BULDP: Biomimetic Uncorrelated Locality Discriminant Projection for Feature Extraction in Face Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	74
317	Load Frequency Control in Isolated Micro-Grids with Electrical Vehicles Based on Multivariable Generalized Predictive Theory. <i>Energies</i> , <b>2015</b> , 8, 2145-2164	3.1	73
316	Constrained EV Charging Scheduling Based on Safe Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 2427-2439	10.7	72

315	Distributive Dynamic Spectrum Access Through Deep Reinforcement Learning: A Reservoir Computing-Based Approach. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 1938-1948	10.7	68
314	Model-Free Dual Heuristic Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 1834-9	10.3	67
313	Adaptive Critic Designs for Event-Triggered Robust Control of Nonlinear Systems With Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2255-2267	10.2	67
312	ENN: Extended Nearest Neighbor Method for Pattern Recognition [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , <b>2015</b> , 10, 52-60	5.6	65
311	Intelligent Optimal Control With Critic Learning for a Nonlinear Overhead Crane System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 2932-2940	11.9	65
310	A Hierarchical Deep Domain Adaptation Approach for Fault Diagnosis of Power Plant Thermal System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 5139-5148	11.9	63
309	Distributed Cooperative Control and Stability Analysis of Multiple DC Electric Springs in a DC Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 5611-5622	8.9	63
308	Optimal Real-Time Operation Strategy for Microgrid: An ADP-Based Stochastic Nonlinear Optimization Approach. <i>IEEE Transactions on Sustainable Energy</i> , <b>2019</b> , 10, 931-942	8.2	62
307	Reactive power control of grid-connected wind farm based on adaptive dynamic programming. <i>Neurocomputing</i> , <b>2014</b> , 125, 125-133	5.4	61
306	GrDHP: a general utility function representation for dual heuristic dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 614-27	10.3	60
305	Near-Optimal Tracking Control of Mobile Robots Via Receding-Horizon Dual Heuristic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2484-2496	10.2	59
304	Adaptive Supplementary Damping Control of VSC-HVDC for Interarea Oscillation Using GrHDP. <i>IEEE Transactions on Power Systems</i> , <b>2018</b> , 33, 1777-1789	7	58
303	Resilient Wide-Area Damping Control Using GrHDP to Tolerate Communication Failures. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 2547-2557	10.7	57
302	Dynamic Behavior of Terminal Sliding Mode Control. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 3480-3490	8.9	54
301	SERA: Selectively recursive approach towards nonstationary imbalanced stream data mining <b>2009</b> ,		54
300	Intelligent Critic Control With Disturbance Attenuation for Affine Dynamics Including an Application to a Microgrid System. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4935-4944	8.9	53
299	Synchronization of complex-valued dynamic networks with intermittently adaptive coupling: A direct error method. <i>Automatica</i> , <b>2020</b> , 112, 108675	5.7	53
298	Adaptive wide-area power oscillation damper design for photovoltaic plant considering delay compensation. <i>IET Generation, Transmission and Distribution</i> , <b>2017</b> , 11, 4511-4519	2.5	52

297	Multi-Contingency Cascading Analysis of Smart Grid Based on Self-Organizing Map. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2013</b> , 8, 646-656	8	52
296	Event-Driven Nonlinear Discounted Optimal Regulation Involving a Power System Application. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 8177-8186	8.9	51
295	Design of a robust EMG sensing interface for pattern classification. <i>Journal of Neural Engineering</i> , <b>2010</b> , 7, 056005	5	51
294	Model-Free Adaptive Control for Unknown Nonlinear Zero-Sum Differential Game. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1633-1646	10.2	50
293	GIR-based ensemble sampling approaches for imbalanced learning. <i>Pattern Recognition</i> , <b>2017</b> , 71, 306-317	10.7	49
292	DCPE co-training for classification. <i>Neurocomputing</i> , <b>2012</b> , 86, 75-85	5.4	47
291	Global Synchronization of Fuzzy Memristive Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2022-2034	8.3	47
290	Parameterized Batch Reinforcement Learning for Longitudinal Control of Autonomous Land Vehicles. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 730-741	7.3	46
289	Improving the Critic Learning for Event-Based Nonlinear $H_{\infty}$ Control Design. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3417-3428	10.2	45
288	A Novel Framework for Fault Diagnosis Using Kernel Partial Least Squares Based on an Optimal Preference Matrix. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4315-4324	8.9	45
287	A Theoretical Foundation of Goal Representation Heuristic Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 2513-2525	10.3	45
286	Kernel-Based Approximate Dynamic Programming for Real-Time Online Learning Control: An Experimental Study. <i>IEEE Transactions on Control Systems Technology</i> , <b>2014</b> , 22, 146-156	4.8	45
285	Automated Demand Response Framework in ELNs: Decentralized Scheduling and Smart Contract. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 58-72	7.3	45
284	Fixed/Preassigned-Time Synchronization of Complex Networks via Improving Fixed-Time Stability. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2882-2892	10.2	45
283	Self-learning robust optimal control for continuous-time nonlinear systems with mismatched disturbances. <i>Neural Networks</i> , <b>2018</b> , 99, 19-30	9.1	42
282	Adaptive Dynamic Programming for Robust Regulation and Its Application to Power Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 5722-5732	8.9	42
281	Real-Time Residential Demand Response. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 4144-4154	10.7	41
280	Detection of false data attacks in smart grid with supervised learning <b>2016</b> ,		41

279	Intelligent load frequency controller using GrADP for island smart grid with electric vehicles and renewable resources. <i>Neurocomputing</i> , <b>2015</b> , 170, 406-416	5.4	40
278	Data-Adaptive Robust Optimization Method for the Economic Dispatch of Active Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 3791-3800	10.7	40
277	IMORL: incremental multiple-object recognition and localization. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 1727-38		40
276	Deterministic Policy Gradient With Integral Compensator for Robust Quadrotor Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3713-3725	7.3	39
275	Event-Triggered Optimal Neuro-Controller Design With Reinforcement Learning for Unknown Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1866-1878	7.3	38
274	Distributed Cooperative Control of Multiple Hybrid Energy Storage Systems in a DC Microgrid Using Consensus Protocol. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 1968-1979	8.9	38
273	Home network power-line communication signal processing based on wavelet packet analysis. <i>IEEE Transactions on Power Delivery</i> , <b>2005</b> , 20, 1879-1885	4.3	37
272	Data-Driven Finite-Horizon Approximate Optimal Control for Discrete-Time Nonlinear Systems Using Iterative HDP Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2948-2961	10.2	36
271	Joint Substation-Transmission Line Vulnerability Assessment Against the Smart Grid. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 1010-1024	8	36
270	A Folded Neural Network Autoencoder for Dimensionality Reduction. <i>Procedia Computer Science</i> , <b>2012</b> , 13, 120-127	1.6	36
269	A Fully Decentralized Multi-Agent System for Intelligent Restoration of Power Distribution Network Incorporating Distributed Generations [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , <b>2012</b> , 7, 66-76	5.6	36
268	Fuzzy-Based Goal Representation Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 1159-1175	8.3	35
267	Manifold-Based Reinforcement Learning via Locally Linear Reconstruction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 934-947	10.3	34
266	SOMKE: kernel density estimation over data streams by sequences of self-organizing maps. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2012</b> , 23, 1254-68	10.3	34
265	Cooperative Deterministic Learning-Based Formation Control for a Group of Nonlinear Uncertain Mechanical Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 319-333	11.9	34
264	Deep Learning Based Energy Efficiency Optimization for Distributed Cooperative Spectrum Sensing. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 32-39	13.4	33
263	Assessment Metrics for Imbalanced Learning <b>2013</b> , 187-206		33
262	<b>2011</b> ,		33



261	A bi-layer optimization based temporal and spatial scheduling for large-scale electric vehicles. <i>Applied Energy</i> , <b>2016</b> , 168, 179-192	10.7	32
260	Distributed Hybrid Secondary Control for a DC Microgrid via Discrete-Time Interaction. <i>IEEE Transactions on Energy Conversion</i> , <b>2018</b> , 33, 1865-1875	5.4	32
259	Optimized Relative Transformation Matrix Using Bacterial Foraging Algorithm for Process Fault Detection. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 2595-2605	8.9	31
258	An analytical study on the carrier-phase linear combinations for triple-frequency GNSS. <i>Journal of Geodesy</i> , <b>2017</b> , 91, 151-166	4.5	31
257	Spatio-temporal memories for machine learning: a long-term memory organization. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 768-80		31
256	Human Mobility Modeling for Robot-Assisted Evacuation in Complex Indoor Environments. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2016</b> , 46, 694-707	4.1	31
255	Adaptive dynamic programming for robust neural control of unknown continuous-time non-linear systems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2307-2316	2.5	30
254	A Novel UKF-RBF Method Based on Adaptive Noise Factor for Fault Diagnosis in Pumping Unit. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 1415-1424	11.9	30
253	Event-triggered reinforcement learning approach for unknown nonlinear continuous-time system <b>2014</b> ,		30
252	Anticipation-based temporal sequences learning in hierarchical structure. <i>IEEE Transactions on Neural Networks</i> , <b>2007</b> , 18, 344-58		30
251	Learning to Navigate Through Complex Dynamic Environment With Modular Deep Reinforcement Learning. <i>IEEE Transactions on Games</i> , <b>2018</b> , 10, 400-412	1.2	30
250	A Finger Vein Image-Based Personal Identification System With Self-Adaptive Illuminance Control. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2017</b> , 66, 294-304	5.2	29
249	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 4206-4218	10.2	29
248	Gr-GDHP: A New Architecture for Globalized Dual Heuristic Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3318-3330	10.2	29
247	Data-Driven Distributed Output Consensus Control for Partially Observable Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 848-858	10.2	29
246	Hybrid synchronization behavior in an array of coupled chaotic systems with ring connection. <i>Neurocomputing</i> , <b>2016</b> , 173, 1299-1309	5.4	28
245	Interactive Energy Management for Enhancing Power Balances in Multi-Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 6055-6069	10.7	28
244	Sparse-Representation-Based Classification with Structure-Preserving Dimension Reduction. <i>Cognitive Computation</i> , <b>2014</b> , 6, 608-621	4.4	28



243	Imbalanced evolving self-organizing learning. <i>Neurocomputing</i> , <b>2014</b> , 133, 258-270	5.4	28
242	A chance constrained optimal reserve scheduling approach for economic dispatch considering wind penetration. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2017</b> , 4, 186-194	7	27
241	Consensus-Based Distributed Control for Photovoltaic-Battery Units in a DC Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 7778-7787	8.9	27
240	Robot-Assisted Pedestrian Regulation Based on Deep Reinforcement Learning. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1669-1682	10.2	27
239	Event-triggered differentially private average consensus for multi-agent network. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2019</b> , 6, 75-83	7	26
238	Dynamic event-triggered robust secondary frequency control for islanded AC microgrid. <i>Applied Energy</i> , <b>2019</b> , 242, 821-836	10.7	26
237	A neural network based online learning and control approach for Markov jump systems. <i>Neurocomputing</i> , <b>2015</b> , 149, 116-123	5.4	26
236	Operating Parameters Optimization for the Aluminum Electrolysis Process Using an Improved Quantum-Behaved Particle Swarm Algorithm. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3405-3415	11.9	26
235	Advanced Secondary Voltage Recovery Control for Multiple HESSs in a Droop-Controlled DC Microgrid. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 3828-3839	10.7	26
234	KernelADASYN: Kernel based adaptive synthetic data generation for imbalanced learning <b>2015</b> ,		26
233	Cyber-Attack Recovery Strategy for Smart Grid Based on Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 2476-2486	10.7	26
232	Adaptive Critic Learning and Experience Replay for Decentralized Event-Triggered Control of Nonlinear Interconnected Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4043-4055	7.3	26
231	Necessary and Sufficient Conditions for Consensus in Fractional-Order Multiagent Systems via Sampled Data Over Directed Graph. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2501-2511	7.3	25
230	Semi-periodically intermittent control for synchronization of switched complex networks: a mode-dependent average dwell time approach. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 1757-1771	5	24
229	Event-Triggered Globalized Dual Heuristic Programming and Its Application to Networked Control Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 1383-1392	11.9	24
228	A new discrete-continuous algorithm for radial basis function networks construction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1785-98	10.3	24
227	ar-MOEA: A Novel Preference-Based Dominance Relation for Evolutionary Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 788-802	15.6	24
226	Simulating large-scale pedestrian movement using CA and event driven model: Methodology and case study. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 437, 304-321	3.3	23

225	Exponential synchronization for a class of complex spatio-temporal networks with space-varying coefficients. <i>Neurocomputing</i> , <b>2015</b> , 151, 401-407	5.4	23
224	Adaptive Modulation for DFIG and STATCOM With High-Voltage Direct Current Transmission. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 1762-72	10.3	23
223	Variational autoencoder based synthetic data generation for imbalanced learning <b>2017</b> ,		23
222	Power quality disturbances analysis based on EDMRA method. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2009</b> , 31, 258-268	5.1	23
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116	An integrated incremental self-organizing map and hierarchical neural network approach for cognitive radio learning <b>2010</b> ,		7
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108	Frequency control using on-line learning method for island smart grid with EVs and PVs <b>2014</b> ,		6
107	Weakly supervised object localization with deep convolutional neural network based on spatial pyramid saliency map <b>2017</b> ,		6
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86	Cooperative Adaptive Containment Control With Parameter Convergence via Cooperative Finite-Time Excitation. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	5
85	EDOS: Entropy Difference-based Oversampling Approach for Imbalanced Learning <b>2018</b> ,		5
84	A Deep Reinforcement Learning Based Approach for Home Energy Management System <b>2020</b> ,		4
83	Adaptive Observer-Based Output Regulation of Multiagent Systems With Communication Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5259-5268	10.2	4
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67	Identify critical branches with cascading failure chain statistics and hypertext-induced topic search algorithm <b>2017</b> ,		3
66	Hybrid classification with partial models <b>2014</b> ,		3
65	DCPE co-training: Co-training based on diversity of class probability estimation <b>2010</b> ,		3
64	Hybrid learning based on Multiple Self-Organizing Maps and Genetic Algorithm <b>2011</b> ,		3

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30	Dynamic Spectrum Access for Femtocell Networks: A Graph Neural Network Based Learning Approach <b>2020,</b>		1
29	Evolutionary Search for Energy-Efficient Distributed Cooperative Spectrum Sensing <b>2020,</b>		1
28	Optimized control of DFIG based wind generation using swarm intelligence <b>2013,</b>		1

27	Resilient wide-area damping control for interarea oscillation considering communication failure <b>2017,</b>		1
26	Hybrid approximate dynamic programming approach for dynamic optimal energy flow in the integrated gas and power systems <b>2017,</b>		1
25	Predictive event-triggered control based on heuristic dynamic programming for nonlinear continuous-time systems <b>2015,</b>		1
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23	Adaptive control for an HVDC transmission link with FACTS and a wind farm <b>2013,</b>		1
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21	Multi-objects recognition for distributed intelligent sensor networks <b>2008,</b>		1
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19	Performance of Triple-Frequency High-Precision RTK Positioning with Compass. <i>Lecture Notes in Electrical Engineering</i> , <b>2013</b> , 167-176	0.2	1
18	Event-triggered Multi-agent Optimal Regulation Using Adaptive Dynamic Programming <b>2020,</b>		1
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16	Optimal Pedestrian Evacuation in Building with Consecutive Differential Dynamic Programming <b>2019,</b>		1
15	Optimization of Merging Pedestrian Flows Based on Adaptive Dynamic Programming <b>2019,</b>		1
14	Imbalanced Learning44-107		0
13	Performance of Triple-Frequency High-Precision RTK Positioning with Compass. <i>Lecture Notes in Electrical Engineering</i> , <b>2012</b> , 371-378	0.2	0
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4	Sequence Learning 190-216	
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