

Haibo He

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4908052/haibo-he-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 to Operate Distribution Networks with Safe Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	3
367	Dual Alignment for Partial Domain Adaptation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3404-3416	10.2	5
366	Adaptive Observer-Based Output Regulation of Multiagent Systems With Communication Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5259-5268	10.2	4
365	Event-Driven H-Constrained Control Using Adaptive Critic Learning. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4860-4872	10.2	13
364	Multiagent Adversarial Collaborative Learning via Mean-Field Theory. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4994-5007	10.2	7
363	Farewell Editorial A Heartfelt Thank You and Looking Into the New Era of TNNLS. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5262-5263	10.3	
362	Organic carbon source tracing and the BCP effect in the Yangtze River and the Yellow River: Insights from hydrochemistry, carbon isotope, and lipid biomarker analyses.. <i>Science of the Total Environment</i> , 2021 , 152429	10.2	1
361	Smart Grid Anomaly Detection using a Deep Learning Digital Twin 2021 ,		6
360	Deep Transfer Cooperative Sensing in Cognitive Radio. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1354-1358	5.9	2
359	Continuous-Time Distributed Policy Iteration for Multicontroller Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2372-2383	10.2	16
358	Fixed/Preassigned-Time Synchronization of Complex Networks via Improving Fixed-Time Stability. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2882-2892	10.2	45
357	Intermittent Stabilization of Fuzzy Competitive Neural Networks With Reaction Diffusions. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 2361-2372	8.3	10
356	Coordinated Topology Attacks in Smart Grid Using Deep Reinforcement Learning. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1407-1415	11.9	13
355	Optimal Feedback Control of Pedestrian Flow in Heterogeneous Corridors. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1097-1108	4.9	4
354	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> , 2021 , 51, 2501-2511	7.3	25
353	Online Scheduling of a Residential Microgrid via Monte-Carlo Tree Search and a Learned Model. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 1073-1087	10.7	20
352	An End-to-End Framework With Multisource Monitoring Data for Bridge Health Anomaly Identification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-9	5.2	3

351	Event-Triggered Privacy-Preserving Average Consensus for Multiagent Networks With Time Delay: An Output Mask Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4520-4531	7.3	2
350	Small Fault Detection of Discrete-Time Nonlinear Uncertain Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 750-764	10.2	5
349	Approximate Dynamic Programming for Nonlinear-Constrained Optimizations. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2419-2432	10.2	17
348	Decentralized Event-Triggered Control for a Class of Nonlinear-Interconnected Systems Using Reinforcement Learning. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 635-648	10.2	17
347	Recent environmental changes in the Yunnan-Guizhou Plateau inferred from organic geochemical records from the sediments of Fuxian Lake. <i>Elementa</i> , 2021 , 9,	3.6	2
346	Cooperative Adaptive Containment Control With Parameter Convergence via Cooperative Finite-Time Excitation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	5
345	Incomplete Multi-view Clustering with Joint Partition and Graph Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	3
344	. <i>IEEE Transactions on Human-Machine Systems</i> , 2021 , 51, 12-21	4.1	4
343	Distributed Volt-VAR Optimization based on Multi-Agent Deep Reinforcement Learning 2021 ,		2
342	Coupled action of rock weathering and aquatic photosynthesis: Influence of the biological carbon pump effect on the sources and deposition of organic matter in Ngoring Lake, Qinghai-Tibet Plateau, China. <i>Catena</i> , 2021 , 203, 105370	5.8	3
341	Edge-Based Adaptive Distributed Method for Synchronization of Intermittently Coupled Spatiotemporal Networks. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	10
340	Self-adaptive manifold discriminant analysis for feature extraction from hyperspectral imagery. <i>Pattern Recognition</i> , 2020 , 107, 107487	7.7	11
339	A Deep Reinforcement Learning Based Approach for Home Energy Management System 2020 ,		4
338	A Novel Secondary Optimal Control for Multiple Battery Energy Storages in a DC Microgrid. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 3716-3725	10.7	8
337	Dynamic Spectrum Access for Femtocell Networks: A Graph Neural Network Based Learning Approach 2020 ,		1
336	Evolutionary Search for Energy-Efficient Distributed Cooperative Spectrum Sensing 2020 ,		1
335	Synthesis of Cooperative Adaptive Cruise Control With Feedforward Strategies. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3615-3627	6.8	7
334	Visual interaction networks: A novel bio-inspired computational model for image classification. <i>Neural Networks</i> , 2020 , 130, 100-110	9.1	8

333	Discriminant Geometrical and Statistical Alignment With Density Peaks for Domain Adaptation. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
332	The sensitivity of the carbon sink by coupled carbonate weathering to climate and land-use changes: Sediment records of the biological carbon pump effect in Fuxian Lake, Yunnan, China, during the past century. <i>Science of the Total Environment</i> , 2020 , 720, 137539	10.2	14
331	Real-Time Residential Demand Response. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4144-4154	10.7	41
330	Detection of False Data Injection Attacks in AC State Estimation Using Phasor Measurements. <i>IEEE Transactions on Smart Grid</i> , 2020 , 1-1	10.7	11
329	A Novel Scheduling Strategy for Controllable Loads With Power-Efficiency Characteristics. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2151-2161	10.7	4
328	A Multifactorial Evolutionary Algorithm for Multitasking Under Interval Uncertainties. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 908-922	15.6	17
327	MCENN: A variant of extended nearest neighbor method for pattern recognition. <i>Pattern Recognition Letters</i> , 2020 , 133, 116-122	4.7	5
326	Pedestrian Flow Optimization to Reduce the Risk of Crowd Disasters Through HumanRobot Interaction. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 298-311	4.1	3
325	A visual long-short-term memory based integrated CNN model for fabric defect image classification. <i>Neurocomputing</i> , 2020 , 380, 259-270	5.4	22
324	Synchronization of complex-valued dynamic networks with intermittently adaptive coupling: A direct error method. <i>Automatica</i> , 2020 , 112, 108675	5.7	53
323	PI-Consensus Based Distributed Control of AC Microgrids. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2268-2278	7	15
322	Distributed Optimal Control of Energy Storages in a DC Microgrid With Communication Delay. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2033-2042	10.7	21
321	Local Linear SpatialSpectral Probabilistic Distribution for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 1259-1272	8.1	15
320	Global Stabilization of Fuzzy Memristor-Based Reaction-Diffusion Neural Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4658-4669	10.2	19
319	Constrained EV Charging Scheduling Based on Safe Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2427-2439	10.7	72
318	Cyber-Attack Recovery Strategy for Smart Grid Based on Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2476-2486	10.7	26
317	Distributed Tracking in Heterogeneous Networks With Asynchronous Sampled-Data Control. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7381-7391	11.9	15
316	Ultrafast Active Response Strategy against Malfunction Attack on Fault Current Limiter. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2722-2733	10.7	3

315	Event-triggered Multi-agent Optimal Regulation Using Adaptive Dynamic Programming 2020 ,		1
314	Symmetric All Convolutional Neural-Network-Based Unsupervised Feature Extraction for Hyperspectral Images Classification. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	10
313	Benefits of BDS-3 B1C/B1I/B2a triple-frequency signals on precise positioning and ambiguity resolution. <i>GPS Solutions</i> , 2020 , 24, 1	4.4	12
312	Multi-attention deep reinforcement learning and re-ranking for vehicle re-identification. <i>Neurocomputing</i> , 2020 , 414, 27-35	5.4	4
311	Flexibility Provisions in Active Distribution Networks With Uncertainties. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 1-1	8.2	15
310	Bipartite Graph based Multi-view Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	6
309	A Distributed Iterative Learning Framework for DC Microgrids: Current Sharing and Voltage Regulation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 119-129	4.1	17
308	Robot-Assisted Pedestrian Regulation Based on Deep Reinforcement Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1669-1682	10.2	27
307	Deterministic Policy Gradient With Integral Compensator for Robust Quadrotor Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3713-3725	7.3	39
306	Impact of Power Grid Strength and PLL Parameters on Stability of Grid-Connected DFIG Wind Farm. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 545-557	8.2	80
305	Dimensionality Reduction of Hyperspectral Imagery Based on Spatial-Spectral Manifold Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2604-2616	10.2	78
304	Automated Demand Response Framework in ELNs: Decentralized Scheduling and Smart Contract. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 58-72	7.3	45
303	Invariant Adaptive Dynamic Programming for Discrete-Time Optimal Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3959-3971	7.3	15
302	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 2159-2170	4.2	19
301	Distributed Cooperative Control of Multiple Hybrid Energy Storage Systems in a DC Microgrid Using Consensus Protocol. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 1968-1979	8.9	38
300	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> , 2020 , 50, 4043-4055	7.3	26
299	GrHDP Solution for Optimal Consensus Control of Multiagent Discrete-Time Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2362-2374	7.3	17
298	Event-Triggered Robust Stabilization of Nonlinear Input-Constrained Systems Using Single Network Adaptive Critic Designs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3145-3157	7.3	23

297	Feasibility Identification and Computational Efficiency Improvement for Two-Stage RUC With Multiple Wind Farms. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1669-1678	8.2	20
296	Energy-Storage-Based Intelligent Frequency Control of Microgrid With Stochastic Model Uncertainties. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1748-1758	10.7	20
295	Topical network embedding. <i>Data Mining and Knowledge Discovery</i> , 2020 , 34, 75-100	5.6	6
294	APLNet: Attention-enhanced progressive learning network. <i>Neurocomputing</i> , 2020 , 371, 166-176	5.4	6
293	LMI-Based Synthesis of String-Stable Controller for Cooperative Adaptive Cruise Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4516-4525	6.1	10
292	Global Synchronization of Fuzzy Memristive Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2022-2034	8.3	47
291	Finite-Time Command-Filtered Composite Adaptive Neural Control of Uncertain Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
290	Information Generative Bayesian Adversarial Networks: A Representation Learning Model for Transmission Gear Parameters. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 1998-2007	5.5	2
289	Dynamic Power Sharing and Autonomous Voltage Regulation in Islanded DC Microgrids 2019 ,		1
288	Spatial-spectral local discriminant projection for dimensionality reduction of hyperspectral image. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019 , 156, 77-93	11.8	11
287	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8772-8781	8.9	16
286	Interactive Energy Management for Enhancing Power Balances in Multi-Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 6055-6069	10.7	28
285	Event-triggered differentially private average consensus for multi-agent network. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 75-83	7	26
284	Deep associative neural network for associative memory based on unsupervised representation learning. <i>Neural Networks</i> , 2019 , 113, 41-53	9.1	14
283	On-Line Energy Management of Microgrid via Parametric Cost Function Approximation. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 3300-3302	7	7
282	An improved two-stage optimization for network and load recovery during power system restoration. <i>Applied Energy</i> , 2019 , 249, 265-275	10.7	6
281	Toward Optimal Risk-Averse Configuration for HESS With CGANs-Based PV Scenario Generation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-15	7.3	5
280	Design and real-time implementation of data-driven adaptive wide-area damping controller for back-to-back VSC-HVDC. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 109, 558-574	5.1	13

279	Dynamic event-triggered robust secondary frequency control for islanded AC microgrid. <i>Applied Energy</i> , 2019 , 242, 821-836	10.7	26
278	A Hierarchical Deep Domain Adaptation Approach for Fault Diagnosis of Power Plant Thermal System. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5139-5148	11.9	63
277	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 3196-3207	8.9	291
276	Adaptive Dynamic Programming for Decentralized Stabilization of Uncertain Nonlinear Large-Scale Systems With Mismatched Interconnections. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-13	7.3	11
275	A Novel UKF-RBF Method Based on Adaptive Noise Factor for Fault Diagnosis in Pumping Unit. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1415-1424	11.9	30
274	Asynchronous Quasi-Consensus of Heterogeneous Multiagent Systems With Nonuniform Input Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-13	7.3	8
273	Dynamic Energy Management of a Microgrid Using Approximate Dynamic Programming and Deep Recurrent Neural Network Learning. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 4435-4445	10.7	79
272	Advanced Secondary Voltage Recovery Control for Multiple HESSs in a Droop-Controlled DC Microgrid. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3828-3839	10.7	26
271	Event-Triggered Globalized Dual Heuristic Programming and Its Application to Networked Control Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1383-1392	11.9	24
270	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4206-4218	10.2	29
269	Optimal Real-Time Operation Strategy for Microgrid: An ADP-Based Stochastic Nonlinear Optimization Approach. <i>IEEE Transactions on Sustainable Energy</i> , 2019 , 10, 931-942	8.2	62
268	Data-Adaptive Robust Optimization Method for the Economic Dispatch of Active Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3791-3800	10.7	40
267	Influence of the biological carbon pump effect on the sources and deposition of organic matter in Fuxian Lake, a deep oligotrophic lake in southwest China. <i>Acta Geochimica</i> , 2019 , 38, 613-626	2.2	8
266	Deep Learning Based Energy Efficiency Optimization for Distributed Cooperative Spectrum Sensing. <i>IEEE Wireless Communications</i> , 2019 , 26, 32-39	13.4	33
265	A Sparse Dimensionality Reduction Approach Based on False Nearest Neighbors for Nonlinear Fault Detection. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-13	7.3	4
264	Imbalanced Learning for Cooperative Spectrum Sensing in Cognitive Radio Networks 2019 ,		1
263	An Evolutionary Computation Approach for Smart Grid Cascading Failure Vulnerability Analysis 2019 ,		6
262	Deep Reinforcement Learning for Economic Energy Scheduling in Data Center Microgrids 2019 ,		4

261	Adversarial Domain Adaptation via Category Transfer 2019 ,		5
260	Fully Distributed Finite-Time Consensus of Directed Multiquadcopter Systems via Pinning Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	8
259	Optimal Pedestrian Evacuation in Building with Consecutive Differential Dynamic Programming 2019 ,		1
258	Optimization of Merging Pedestrian Flows Based on Adaptive Dynamic Programming 2019 ,		1
257	Real-time subsidy based robust scheduling of the integrated power and gas system. <i>Applied Energy</i> , 2019 , 236, 1158-1167	10.7	21
256	Emotion-Semantic-Enhanced Neural Network. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2019 , 27, 531-543	3.6	20
255	Model-Free Real-Time EV Charging Scheduling Based on Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5246-5257	10.7	144
254	Consensus-Based Distributed Control for Photovoltaic-Battery Units in a DC Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7778-7787	8.9	27
253	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 3173-3183	5.2	12
252	Distributive Dynamic Spectrum Access Through Deep Reinforcement Learning: A Reservoir Computing-Based Approach. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1938-1948	10.7	68
251	A Novel Framework for Gear Safety Factor Prediction. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1998-2007	11.9	12
250	AnswerNet: Learning to Answer Questions. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 540-549	3.2	6
249	ar-MOEA: A Novel Preference-Based Dominance Relation for Evolutionary Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 788-802	15.6	24
248	Neuro-Optimal Tracking Control for Continuous Stirred Tank Reactor With Input Constraints. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4516-4524	11.9	16
247	An Event-Driven ADR Approach for Residential Energy Resources in Microgrids With Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 5275-5288	8.9	19
246	Learning HumanRobot Interaction for Robot-Assisted Pedestrian Flow Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 797-813	7.3	16
245	Parameterized Batch Reinforcement Learning for Longitudinal Control of Autonomous Land Vehicles. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 730-741	7.3	46
244	Resilient Wide-Area Damping Control Using GrHDP to Tolerate Communication Failures. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2547-2557	10.7	57

243	Data-Driven Distributed Output Consensus Control for Partially Observable Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 848-858	10.2	29
242	Cooperative Deterministic Learning-Based Formation Control for a Group of Nonlinear Uncertain Mechanical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 319-333	11.9	34
241	Stochastic Optimization of Economic Dispatch for Microgrid Based on Approximate Dynamic Programming. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2440-2452	10.7	105
240	Event-Triggered Optimal Neuro-Controller Design With Reinforcement Learning for Unknown Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1866-1878	7.3	38
239	Adaptive Critic Designs for Event-Triggered Robust Control of Nonlinear Systems With Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2255-2267	10.2	67
238	Dynamic Behavior of Terminal Sliding Mode Control. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 3480-3490	8.9	54
237	BULDP: Biomimetic Uncorrelated Locality Discriminant Projection for Feature Extraction in Face Recognition. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	74
236	Cooperative output regulation of heterogeneous multi-agent systems with a leader of bounded inputs. <i>IET Control Theory and Applications</i> , 2018 , 12, 233-242	2.5	20
235	Real-Time Demand Side Management for a Microgrid Considering Uncertainties. <i>IEEE Transactions on Smart Grid</i> , 2018 , 1-1	10.7	75
234	An adaptive critic approach to event-triggered robust control of nonlinear systems with unmatched uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3501-3519	3.6	9
233	SDE: A Novel Clustering Framework Based on Sparsity-Density Entropy. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 1575-1587	4.2	13
232	Self-learning robust optimal control for continuous-time nonlinear systems with mismatched disturbances. <i>Neural Networks</i> , 2018 , 99, 19-30	9.1	42
231	Operating Parameters Optimization for the Aluminum Electrolysis Process Using an Improved Quantum-Behaved Particle Swarm Algorithm. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3405-3415	11.9	26
230	Adaptive Dynamic Programming for Robust Regulation and Its Application to Power Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5722-5732	8.9	42
229	Distributed Cooperative Control and Stability Analysis of Multiple DC Electric Springs in a DC Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5611-5622	8.9	63
228	Intelligent Optimal Control With Critic Learning for a Nonlinear Overhead Crane System. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2932-2940	11.9	65
227	A Generative Model for Sparse Hyperparameter Determination. <i>IEEE Transactions on Big Data</i> , 2018 , 4, 2-10	3.2	13
226	Adaptive Supplementary Damping Control of VSC-HVDC for Interarea Oscillation Using GrHDP. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1777-1789	7	58

225	Model-Free Adaptive Control for Unknown Nonlinear Zero-Sum Differential Game. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1633-1646	10.2	50
224	Wind Turbine Fault Detection Using a Denoising Autoencoder With Temporal Information. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018 , 23, 89-100	5.5	105
223	Data-Driven Finite-Horizon Approximate Optimal Control for Discrete-Time Nonlinear Systems Using Iterative HDP Approach. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2948-2961	10.2	36
222	Formation Learning Control of Multiple Autonomous Underwater Vehicles With Heterogeneous Nonlinear Uncertain Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2920-2934	10.2	100
221	Distributed Hybrid Secondary Control for a DC Microgrid via Discrete-Time Interaction. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 1865-1875	5.4	32
220	Learning Without External Reward [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , 2018 , 13, 48-54	5.6	15
219	Adaptive critic designs for optimal control of uncertain nonlinear systems with unmatched interconnections. <i>Neural Networks</i> , 2018 , 105, 142-153	9.1	17
218	A distributed optical fiber sensing system for data center thermal monitoring 2018 ,		2
217	A Geometric Approach to Second-Order Consensus of Heterogeneous Networked Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 ,	10.2	3
216	Dynamic path planning for autonomous driving on various roads with avoidance of static and moving obstacles. <i>Mechanical Systems and Signal Processing</i> , 2018 , 100, 482-500	7.8	140
215	Adaptive Supplementary Damping Control of VSC-HVDC for Interarea Oscillation Using GrHDP 2018 ,		2
214	A Data-Driven Approach for Real-Time Residential EV Charging Management 2018 ,		4
213	Q-Learning for Non-Cooperative Channel Access Game of Cognitive Radio Networks 2018 ,		2
212	EDOS: Entropy Difference-based Oversampling Approach for Imbalanced Learning 2018 ,		5
211	Using deuterium excess, precipitation and runoff data to determine evaporation and transpiration: A case study from the Shawan Test Site, Puding, Guizhou, China. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 242, 21-33	5.5	22
210	Learning to Navigate Through Complex Dynamic Environment With Modular Deep Reinforcement Learning. <i>IEEE Transactions on Games</i> , 2018 , 10, 400-412	1.2	30
209	Reinforcement learning for robust adaptive control of partially unknown nonlinear systems subject to unmatched uncertainties. <i>Information Sciences</i> , 2018 , 463-464, 307-322	7.7	9
208	An Event-Triggered ADP Control Approach for Continuous-Time System With Unknown Internal States. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 683-694	10.2	148

207	A Novel Energy Function-Based Stability Evaluation and Nonlinear Control Approach for Energy Internet. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1195-1210	10.7	88
206	Air-Breathing Hypersonic Vehicle Tracking Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 584-598	10.3	175
205	Manifold-Based Reinforcement Learning via Locally Linear Reconstruction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 934-947	10.3	34
204	Data-Driven Tracking Control With Adaptive Dynamic Programming for a Class of Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1460-1470	10.2	110
203	An Event-Triggered Approach for Load Frequency Control With Supplementary ADP. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 581-589	7	104
202	Adaptive Event-Triggered Control Based on Heuristic Dynamic Programming for Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1594-1605	10.3	98
201	Semisupervised Feature Selection Based on Relevance and Redundancy Criteria. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1974-1984	10.3	76
200	Event-Driven Adaptive Robust Control of Nonlinear Systems With Uncertainties Through NDP Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1358-1370	7.3	75
199	A local density-based approach for outlier detection. <i>Neurocomputing</i> , 2017 , 241, 171-180	5.4	117
198	Incorporating Intelligence in Fog Computing for Big Data Analysis in Smart Cities. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2140-2150	11.9	201
197	Intelligent Critic Control With Disturbance Attenuation for Affine Dynamics Including an Application to a Microgrid System. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4935-4944	8.9	53
196	Adaptive near-optimal controllers for non-linear decentralised feedback stabilisation problems. <i>IET Control Theory and Applications</i> , 2017 , 11, 799-806	2.5	21
195	Improving the Critic Learning for Event-Based Nonlinear H_{∞} Control Design. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3417-3428	10.2	45
194	Experimental investigation of lift enhancement for flying wing aircraft using nanosecond DBD plasma actuators. <i>Plasma Science and Technology</i> , 2017 , 19, 044002	1.5	2
193	Novel iterative neural dynamic programming for data-based approximate optimal control design. <i>Automatica</i> , 2017 , 81, 240-252	5.7	95
192	Improved Sliding Mode Design for Load Frequency Control of Power System Integrated an Adaptive Learning Strategy. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 6742-6751	8.9	100
191	Event-Driven Nonlinear Discounted Optimal Regulation Involving a Power System Application. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 8177-8186	8.9	51
190	Event-Triggered Optimal Control for Partially Unknown Constrained-Input Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4101-4109	8.9	116

189	Fault-tolerant location of transient voltage disturbance source for DG integrated smart grid. <i>Electric Power Systems Research</i> , 2017 , 144, 13-22	3.5	8
188	GIR-based ensemble sampling approaches for imbalanced learning. <i>Pattern Recognition</i> , 2017 , 71, 306-319	17	49
187	Stacked Multilevel-Denoising Autoencoders: A New Representation Learning Approach for Wind Turbine Gearbox Fault Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 2391-2402	5.2	165
186	A chance constrained optimal reserve scheduling approach for economic dispatch considering wind penetration. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 186-194	7	27
185	A Novel Framework for Fault Diagnosis Using Kernel Partial Least Squares Based on an Optimal Preference Matrix. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4315-4324	8.9	45
184	A Finger Vein Image-Based Personal Identification System With Self-Adaptive Illuminance Control. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 294-304	5.2	29
183	Adaptive dynamic programming for robust neural control of unknown continuous-time non-linear systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 2307-2316	2.5	30
182	Carbonate weathering-related carbon sink fluxes under different land uses: A case study from the Shawan Simulation Test Site, Puding, Southwest China. <i>Chemical Geology</i> , 2017 , 474, 58-71	4.2	20
181	A learning based approach for social force model parameter estimation 2017 ,		9
180	Near-space aerospace vehicles attitude control based on adaptive dynamic programming and sliding mode control 2017 ,		2
179	Adaptive Critic Nonlinear Robust Control: A Survey. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3429-3451	10.2	166
178	Event-Triggered Adaptive Dynamic Programming for Continuous-Time Systems With Control Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1941-1952	10.3	103
177	Q-Learning-Based Vulnerability Analysis of Smart Grid Against Sequential Topology Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 200-210	8	122
176	Gr-GDHP: A New Architecture for Globalized Dual Heuristic Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3318-3330	10.2	29
175	An analytical study on the carrier-phase linear combinations for triple-frequency GNSS. <i>Journal of Geodesy</i> , 2017 , 91, 151-166	4.5	31
174	Adaptive wide-area power oscillation damper design for photovoltaic plant considering delay compensation. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 4511-4519	2.5	52
173	CIS Publication Spotlight [Publication Spotlight]. <i>IEEE Computational Intelligence Magazine</i> , 2017 , 12, 6-9	5.6	
172	Weakly supervised object localization with deep convolutional neural network based on spatial pyramid saliency map 2017 ,		6

171	Resilient wide-area damping control for interarea oscillation considering communication failure 2017 ,		1
170	Identify critical branches with cascading failure chain statistics and hypertext-induced topic search algorithm 2017 ,		3
169	Guest editorial for special issue on control and optimization in renewable energy systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 167-167	7	
168	Hybrid approximate dynamic programming approach for dynamic optimal energy flow in the integrated gas and power systems 2017 ,		1
167	Variational autoencoder based synthetic data generation for imbalanced learning 2017 ,		23
166	Data-driven robust regulation of nonlinear systems with mismatched disturbances 2017 ,		2
165	Consensus for non-linear multi-agent systems modelled by PDEs based on spatial boundary communication. <i>IET Control Theory and Applications</i> , 2017 , 11, 3196-3200	2.5	22
164	Pinning Synchronization in Heterogeneous Networks of Harmonic Oscillators. <i>Lecture Notes in Computer Science</i> , 2017 , 836-845	0.9	
163	Hybrid synchronization behavior in an array of coupled chaotic systems with ring connection. <i>Neurocomputing</i> , 2016 , 173, 1299-1309	5.4	28
162	An Imbalanced Learning based MDR-TB Early Warning System. <i>Journal of Medical Systems</i> , 2016 , 40, 164-167	5.1	9
161	Observer-based sliding mode frequency control for micro-grid with photovoltaic energy integration 2016 ,		6
160	Power grid resilience against false data injection attacks 2016 ,		7
159	Probabilistic human mobility model in indoor environment 2016 ,		5
158	Comparative studies of power grid security with network connectivity and power flow information using unsupervised learning 2016 ,		6
157	Detection of false data attacks in smart grid with supervised learning 2016 ,		41
156	EEF: Exponentially Embedded Families With Class-Specific Features for Classification. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 969-973	3.2	9
155	A Bayesian Classification Approach Using Class-Specific Features for Text Categorization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 1602-1606	4.2	93
154	Near-Optimal Tracking Control of Mobile Robots Via Receding-Horizon Dual Heuristic Programming. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2484-2496	10.2	59

153	Optimized Relative Transformation Matrix Using Bacterial Foraging Algorithm for Process Fault Detection. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 2595-2605	8.9	31
152	A bi-layer optimization based temporal and spatial scheduling for large-scale electric vehicles. <i>Applied Energy</i> , 2016 , 168, 179-192	10.7	32
151	Fuzzy-Based Goal Representation Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1159-1175	8.3	35
150	Editorial IEEE Transactions on Neural Networks and Learning Systems 2016 and Beyond. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1-7	10.3	12
149	Adaptive Modulation for DFIG and STATCOM With High-Voltage Direct Current Transmission. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1762-72	10.3	23
148	Probability Density Function Estimation Using the EEF With Application to Subset/Feature Selection. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 641-651	4.8	12
147	A Theoretical Foundation of Goal Representation Heuristic Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 2513-2525	10.3	45
146	An adaptive neuro-control approach for multi-machine power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 75, 108-116	5.1	21
145	Semi-periodically intermittent control for synchronization of switched complex networks: a mode-dependent average dwell time approach. <i>Nonlinear Dynamics</i> , 2016 , 83, 1757-1771	5	24
144	A Fault-Tolerant Location Approach for Transient Voltage Disturbance Source Based on Information Fusion. <i>Energies</i> , 2016 , 9, 1092	3.1	2
143	Human Mobility Modeling for Robot-Assisted Evacuation in Complex Indoor Environments. <i>IEEE Transactions on Human-Machine Systems</i> , 2016 , 46, 694-707	4.1	31
142	Handling imbalanced dataset using SVM and k-NN approach 2016 ,		8
141	Detection of false data injection attacks in smart grid under colored Gaussian noise 2016 ,		15
140	Cyber-physical attacks and defences in the smart grid: a survey. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2016 , 1, 13-27	2.5	221
139	Robot-assisted pedestrian regulation in an exit corridor 2016 ,		11
138	Topological structures of vortex flow on a flying wing aircraft, controlled by a nanosecond pulse discharge plasma actuator. <i>Applied Physics Letters</i> , 2016 , 108, 244105	3.4	17
137	Adaptive-critic-based event-driven nonlinear robust state feedback 2016 ,		4
136	Toward Optimal Feature Selection in Naive Bayes for Text Categorization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 2508-2521	4.2	132

135	Online Calculation for the Optimal Reclosing Time of Transmission Lines. <i>Electric Power Components and Systems</i> , 2016 , 44, 1904-1916	1	5
134	SMES-Based Damping Controller Design Using Fuzzy-GrHDP Considering Transmission Delay. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-6	1.8	10
133	A parametric classification rule based on the exponentially embedded family. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 367-77	10.3	18
132	GrDHP: a general utility function representation for dual heuristic dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 614-27	10.3	60
131	Model-Free Dual Heuristic Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1834-9	10.3	67
130	Load Frequency Control in Isolated Micro-Grids with Electrical Vehicles Based on Multivariable Generalized Predictive Theory. <i>Energies</i> , 2015 , 8, 2145-2164	3.1	73
129	Intelligent load frequency controller using GrADP for island smart grid with electric vehicles and renewable resources. <i>Neurocomputing</i> , 2015 , 170, 406-416	5.4	40
128	Simulating large-scale pedestrian movement using CA and event driven model: Methodology and case study. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 437, 304-321	3.3	23
127	Data-driven heuristic dynamic programming with virtual reality. <i>Neurocomputing</i> , 2015 , 166, 244-255	5.4	15
126	An Improved SVM-Based Cognitive Diagnosis Algorithm for Operation States of Distribution Grid. <i>Cognitive Computation</i> , 2015 , 7, 582-593	4.4	13
125	Stabilization of underactuated four-link gymnast robot using torque-coupled method. <i>International Journal of Non-Linear Mechanics</i> , 2015 , 77, 299-306	2.8	10
124	Comparisons of ADABOOST, KNN, SVM and Logistic Regression in Classification of Imbalanced Dataset. <i>Communications in Computer and Information Science</i> , 2015 , 54-64	0.3	8
123	Convergence Proof of Approximate Policy Iteration for Undiscounted Optimal Control of Discrete-Time Systems. <i>Cognitive Computation</i> , 2015 , 7, 763-771	4.4	2
122	ENN: Extended Nearest Neighbor Method for Pattern Recognition [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , 2015 , 10, 52-60	5.6	65
121	Diversity of cascading failure processes in electrical grids 2015 ,		2
120	Cascading Failure Analysis With DC Power Flow Model and Transient Stability Analysis. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 285-297	7	112
119	Power System Stability Control for a Wind Farm Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 166-177	10.7	117
118	A neural network based online learning and control approach for Markov jump systems. <i>Neurocomputing</i> , 2015 , 149, 116-123	5.4	26

117	Exponential synchronization for a class of complex spatio-temporal networks with space-varying coefficients. <i>Neurocomputing</i> , 2015 , 151, 401-407	5.4	23
116	Smart Grid Vulnerability under Cascade-Based Sequential Line-Switching Attacks 2015 ,		13
115	A Power System Optimal Dispatch Strategy Considering the Flow of Carbon Emissions and Large Consumers. <i>Energies</i> , 2015 , 8, 9087-9106	3.1	5
114	Machine Learning with Applications to Autonomous Systems. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-2	1.1	4
113	Event-triggered adaptive dynamic programming for continuous-time nonlinear system using measured input-output data 2015 ,		4
112	Optimal operation for energy storage with wind power generation using adaptive dynamic programming 2015 ,		7
111	KernelADASYN: Kernel based adaptive synthetic data generation for imbalanced learning 2015 ,		26
110	Multi-Objective Bacterial Foraging Optimization Algorithm Based on Parallel Cell Entropy for Aluminum Electrolysis Production Process. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 1-1	8.9	18
109	Reflex-Tree: A Biologically Inspired Parallel Architecture for Future Smart Cities 2015 ,		7
108	Predictive event-triggered control based on heuristic dynamic programming for nonlinear continuous-time systems 2015 ,		1
107	Joint Substation-Transmission Line Vulnerability Assessment Against the Smart Grid. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 1010-1024	8	36
106	Frequency control using on-line learning method for island smart grid with EVs and PVs 2014 ,		6
105	Resilience Analysis of Power Grids Under the Sequential Attack. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 2340-2354	8	82
104	Kernel-Based Approximate Dynamic Programming for Real-Time Online Learning Control: An Experimental Study. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 146-156	4.8	45
103	The sequential attack against power grid networks 2014 ,		14
102	Integrated Security Analysis on Cascading Failure in Complex Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 451-463	8	76
101	Learning Race from Face: A Survey. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014 , 36, 2483-509	13.3	98
100	Optimal control for unknown discrete-time nonlinear Markov jump systems using adaptive dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 2141-55	10.3	92

99	Energy-Storage-Based Low-Frequency Oscillation Damping Control Using Particle Swarm Optimization and Heuristic Dynamic Programming. <i>IEEE Transactions on Power Systems</i> , 2014 , 29, 2539-2548	7	101
98	Sparse-Representation-Based Classification with Structure-Preserving Dimension Reduction. <i>Cognitive Computation</i> , 2014 , 6, 608-621	4-4	28
97	Imbalanced evolving self-organizing learning. <i>Neurocomputing</i> , 2014 , 133, 258-270	5-4	28
96	Reactive power control of grid-connected wind farm based on adaptive dynamic programming. <i>Neurocomputing</i> , 2014 , 125, 125-133	5-4	61
95	Experimental Studies on Data-Driven Heuristic Dynamic Programming for POMDP 2014 , 83-105		4
94	Data-driven partially observable dynamic processes using adaptive dynamic programming 2014 ,		4
93	Revealing cascading failure vulnerability in power grids using risk-graph. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3274-3284	3-7	99
92	Hybrid classification with partial models 2014 ,		3
91	Event-triggered reinforcement learning approach for unknown nonlinear continuous-time system 2014 ,		30
90	Impact of signal transmission delays on power system damping control using heuristic dynamic programming 2014 ,		1
89	Multi-machine power system control based on dual heuristic dynamic programming 2014 ,		12
88	2014 ,		8
87	A fast deep learning system using GPU 2014 ,		14
86	Active Power Oscillation Property Classification of Electric Power Systems Based on SVM. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-9	1-1	4
85	A new discrete-continuous algorithm for radial basis function networks construction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1785-98	10-3	24
84	Assessment Metrics for Imbalanced Learning 2013 , 187-206		33
83	Nonstationary Stream Data Learning with Imbalanced Class Distribution 2013 , 151-186		2
82	Special Issue Editorial: Computational Intelligence and Applications. <i>Cognitive Computation</i> , 2013 , 5, 1-2	4-4	2

81	Optimized control of DFIG based wind generation using swarm intelligence 2013 ,		1
80	Learning and Optimization in Hierarchical Adaptive Critic Design 2013 , 78-97		12
79	Heuristic dynamic programming with internal goal representation. <i>Soft Computing</i> , 2013 , 17, 2101-2108	3.5	21
78	Goal representation heuristic dynamic programming on maze navigation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 2038-50	10.3	75
77	Real-time tracking on adaptive critic design with uniformly ultimately bounded condition 2013 ,		9
76	Ensemble learning for wind profile prediction with missing values. <i>Neural Computing and Applications</i> , 2013 , 22, 287-294	4.8	2
75	Adaptive learning in tracking control based on the dual critic network design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 913-28	10.3	130
74	Optimized Control of DFIG-Based Wind Generation Using Sensitivity Analysis and Particle Swarm Optimization. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 509-520	10.7	92
73	Multi-Contingency Cascading Analysis of Smart Grid Based on Self-Organizing Map. <i>IEEE Transactions on Information Forensics and Security</i> , 2013 , 8, 646-656	8	52
72	Spatial outlier detection based on iterative self-organizing learning model. <i>Neurocomputing</i> , 2013 , 117, 161-172	5.4	18
71	Adaptive control for an HVDC transmission link with FACTS and a wind farm 2013 ,		1
70	Comparative study between HDP and PSS on DFIG damping control 2013 ,		13
69	Robust controller design of continuous-time nonlinear system using neural network 2013 ,		19
68	Online learning control using adaptive critic designs with sparse kernel machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 762-75	10.3	85
67	Improving the performance of a neural-machine interface for prosthetic legs using adaptive pattern classifiers. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 1571-4	0.9	4
66	Guest Editorial Special Section on Computational Intelligence Applications in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 445-445	10.7	1
65	Analysis of Signal Characteristic and Positioning Performance Affected by Pseudorange Multipath for COMPASS. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 493-503	0.2	7
64	L1 Graph Based on Sparse Coding for Feature Selection. <i>Lecture Notes in Computer Science</i> , 2013 , 594-600	0.9	12

63	Performance of Triple-Frequency High-Precision RTK Positioning with Compass. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 167-176	0.2	1
62	Analyze of the Pseudorange Noise Error for Compass B1 Open Signal Based on the Receiver. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 685-693	0.2	
61	A three-network architecture for on-line learning and optimization based on adaptive dynamic programming. <i>Neurocomputing</i> , 2012 , 78, 3-13	5.4	169
60	DCPE co-training for classification. <i>Neurocomputing</i> , 2012 , 86, 75-85	5.4	47
59	A Folded Neural Network Autoencoder for Dimensionality Reduction. <i>Procedia Computer Science</i> , 2012 , 13, 120-127	1.6	36
58	Integration of fuzzy controller with adaptive dynamic programming 2012 ,		5
57	Learning and control in virtual reality for machine intelligence 2012 ,		7
56	Feature selection based on sparse imputation 2012 ,		17
55	Neural and fuzzy dynamic programming for under-actuated systems 2012 ,		6
54	Reinforcement learning control based on multi-goal representation using hierarchical heuristic dynamic programming 2012 ,		18
53	Data-driven learning and control with multiple critic networks 2012 ,		5
52	SSC: a classifier combination method based on signal strength. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1100-17	10.3	21
51	SOMKE: kernel density estimation over data streams by sequences of self-organizing maps. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1254-68	10.3	34
50	A Fully Decentralized Multi-Agent System for Intelligent Restoration of Power Distribution Network Incorporating Distributed Generations [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , 2012 , 7, 66-76	5.6	36
49	Dynamic Neural Networks for Model-Free Control and Identification. <i>Journal of Control Science and Engineering</i> , 2012 , 2012, 1-2	1.2	
48	Ionosphere-Free Combinations for Triple-Frequency GNSS with Application in Rapid Ambiguity Resolution Over Medium-Long Baselines. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 173-187	0.2	6
47	A Hierarchical Neural Network Architecture for Classification. <i>Lecture Notes in Computer Science</i> , 2012 , 37-46	0.9	3
46	Performance of Triple-Frequency High-Precision RTK Positioning with Compass. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 371-378	0.2	0

45	A Hybrid Evolving and Gradient Strategy for Approximating Policy Evaluation on Online Critic-Actor Learning. <i>Lecture Notes in Computer Science</i> , 2012 , 555-564	0.9	
44	Incremental learning from stream data. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1901-14		83
43	Special Issue on Computational Intelligence in Smart Grid [Guest Editorial]. <i>IEEE Computational Intelligence Magazine</i> , 2011 , 6, 12-64	5.6	2
42	Estimation and Mitigation of the Main Errors for Centimetre-level Compass RTK Solutions over Medium-Long Baselines. <i>Journal of Navigation</i> , 2011 , 64, S113-S126	2.3	16
41	Towards incremental learning of nonstationary imbalanced data stream: a multiple selectively recursive approach. <i>Evolving Systems</i> , 2011 , 2, 35-50	2.1	90
40	Contribution of the Compass satellite navigation system to global PNT users. <i>Science Bulletin</i> , 2011 , 56, 2813-2819		213
39	Hybrid learning based on Multiple Self-Organizing Maps and Genetic Algorithm 2011 ,		3
38	Adaptive learning and control for MIMO system based on adaptive dynamic programming. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1133-48		83
37	Tracking analysis for general linearly coupled dynamical systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 2072-2085	3.7	5
36	LIFT: A new framework of learning from testing data for face recognition. <i>Neurocomputing</i> , 2011 , 74, 916-929	5.4	22
35	Risk-Aware Attacks and Catastrophic Cascading Failures in U.S. Power Grid 2011 ,		20
34	An online actor-critic learning approach with Levenberg-Marquardt algorithm 2011 ,		8
33	Adaptive dynamic programming with balanced weights seeking strategy 2011 ,		7
32	A New Method for the Estimation of GPS Repeater Jamming Based on Coloured Noise Kalman Filter. <i>Journal of Navigation</i> , 2011 , 64, S141-S150	2.3	
31	An Adaptive Dynamic Programming Approach for Closely-Coupled MIMO System Control. <i>Lecture Notes in Computer Science</i> , 2011 , 1-10	0.9	3
30	2011 ,		33
29	Design of a robust EMG sensing interface for pattern classification. <i>Journal of Neural Engineering</i> , 2010 , 7, 056005	5	51
28	DCPE co-training: Co-training based on diversity of class probability estimation 2010 ,		3

27	An integrated incremental self-organizing map and hierarchical neural network approach for cognitive radio learning 2010 ,		7
26	A hierarchical learning architecture with multiple-goal representations based on adaptive dynamic programming 2010 ,		9
25	Toward a Smart Grid: Integration of computational intelligence into Power Grid 2010 ,		10
24	MuSeRA: Multiple Selectively Recursive Approach towards imbalanced stream data mining 2010 ,		19
23	RAMOBoost: Ranked Minority Oversampling in Boosting. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 1624-42		137
22	Imbalanced learning for pattern recognition: an empirical study 2010 ,		2
21	Special Issue Editorial: Advances in Computational Intelligence and Applications. <i>Cognitive Computation</i> , 2010 , 2, 255-256		4-4
20	Classification and Control of Cognitive Radios Using Hierarchical Neural Network. <i>Lecture Notes in Electrical Engineering</i> , 2010 , 347-353	0.2	3
19	IterativeSOMSO: An Iterative Self-organizing Map for Spatial Outlier Detection. <i>Lecture Notes in Computer Science</i> , 2010 , 325-330	0.9	2
18	SOMSO: A self-organizing map approach for spatial outlier detection with multiple attributes 2009 ,		10
17	Power quality disturbances analysis based on EDMRA method. <i>International Journal of Electrical Power and Energy Systems</i> , 2009 , 31, 258-268	5.1	23
16	Learning from Imbalanced Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 1263-1284		3859
15	Spatio-temporal memories for machine learning: a long-term memory organization. <i>IEEE Transactions on Neural Networks</i> , 2009 , 20, 768-80		31
14	SERA: Selectively recursive approach towards nonstationary imbalanced stream data mining 2009 ,		54
13	IMORL: incremental multiple-object recognition and localization. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 1727-38		40
12	ADASYN: Adaptive synthetic sampling approach for imbalanced learning 2008 ,		199
11	Multi-objects recognition for distributed intelligent sensor networks 2008 ,		1
10	Numerical prediction methods for clock deviation based on two-way satellite time and frequency transfer data. <i>Geo-Spatial Information Science</i> , 2008 , 11, 143-147	3.5	

9	Anticipation-based temporal sequences learning in hierarchical structure. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 344-58		30
8	Bootstrap Methods for Foreign Currency Exchange Rates Prediction. <i>Neural Networks (IJCNN), International Joint Conference on</i> , 2007 ,		5
7	A Novel Low-Power Logic Circuit Design Scheme. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 176-180		7
6	Online Dynamic Value System for Machine Learning. <i>Lecture Notes in Computer Science</i> , 2007 , 441-448	0.9	2
5	Home network power-line communication signal processing based on wavelet packet analysis. <i>IEEE Transactions on Power Delivery</i> , 2005 , 20, 1879-1885	4.3	37
4	Sequence Learning190-216		
3	Imbalanced Learning44-107		0
2	Incremental Learning13-43		
1	Foundations of Imbalanced Learning13-41		23