

# Derong Liu

## List of Publications by Year in Descending Order

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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.

428  
papers

13,652  
citations

64  
h-index

105  
g-index

575  
ext. papers

17,283  
ext. citations

4.7  
avg, IF

7.4  
L-index

#	Paper	IF	Citations
428	A Novel Value Iteration Scheme With Adjustable Convergence Rate.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	3
427	Memristive LIF Spiking Neuron Model and Its Application in Morse Code.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 853010	5.1	0
426	Event-triggered integral reinforcement learning for nonzero-sum games with asymmetric input saturation.. <i>Neural Networks</i> , <b>2022</b> , 152, 212-223	9.1	1
425	Policy Iteration Q-Learning for Data-Based Two-Player Zero-Sum Game of Linear Discrete-Time Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3630-3640	10.2	18
424	DMPP: Differentiable multi-pruner and predictor for neural network pruning.. <i>Neural Networks</i> , <b>2021</b> , 147, 103-112	9.1	2
423	Event-Triggered Adaptive Dynamic Programming for Unmatched Uncertain Nonlinear Continuous-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 2939-2951	10.3	8
422	Event-triggered decentralized optimal fault tolerant control for mismatched interconnected nonlinear systems through adaptive dynamic programming. <i>Optimal Control Applications and Methods</i> , <b>2021</b> , 42, 1365-1384	1.7	1
421	Adaptive dynamic programming-based event-triggered optimal tracking control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7480-7497	3.6	0
420	Sliding-Mode Surface-Based Approximate Optimal Control for Uncertain Nonlinear Systems With Asymptotically Stable Critic Structure. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2858-2869	10.2	6
419	Learning Control for Air Conditioning Systems via Human Expressions. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 7662-7671	8.9	8
418	Periodic Event-Triggered Suboptimal Control With Sampling Period and Performance Analysis. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1253-1261	10.2	14
417	Generalized value iteration for discounted optimal control with stability analysis. <i>Systems and Control Letters</i> , <b>2021</b> , 147, 104847	2.4	11
416	Particle swarm optimized neural networks based local tracking control scheme of unknown nonlinear interconnected systems. <i>Neural Networks</i> , <b>2021</b> , 134, 54-63	9.1	7
415	Event-triggered adaptive dynamic programming for multi-player zero-sum games with unknown dynamics. <i>Soft Computing</i> , <b>2021</b> , 25, 2237-2251	3.5	2
414	Adaptive Dynamic Programming for Control: A Survey and Recent Advances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 142-160	7.3	61
413	Event-Triggered ADP for Tracking Control of Partially Unknown Constrained Uncertain Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	9
412	Offline and Online Adaptive Critic Control Designs With Stability Guarantee Through Value Iteration. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	6

411	Event-Triggered Control of Discrete-Time Zero-Sum Games via Deterministic Policy Gradient Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	5
410	Policy Gradient Adaptive Critic Designs for Model-Free Optimal Tracking Control With Experience Replay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	0
409	A New Approach to Finite-Horizon Optimal Control of Discrete-Time Affine Nonlinear Systems Via A Pseudo-Linear Method. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	3
408	Observer-based event-triggered control for zero-sum games of input constrained multi-player nonlinear systems. <i>Neural Networks</i> , <b>2021</b> , 144, 101-112	9.1	1
407	Neural-network-based discounted optimal control via an integrated value iteration with accuracy guarantee. <i>Neural Networks</i> , <b>2021</b> , 144, 176-186	9.1	4
406	Leader-Following Mean-Square Consensus of Stochastic Multiagent Systems With ROUs and RONs via Distributed Event-Triggered Impulsive Control. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	3
405	Constrained Event-Triggered H <sub>∞</sub> Control Based on Adaptive Dynamic Programming With Concurrent Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-13	7.3	10
404	Data-based fault tolerant control for affine nonlinear systems through particle swarm optimized neural networks. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2020</b> , 7, 954-964	7	50
403	Event-triggered constrained control with DHP implementation for nonaffine discrete-time systems. <i>Information Sciences</i> , <b>2020</b> , 519, 110-123	7.7	12
402	Deterministic policy gradient adaptive dynamic programming for model-free optimal control. <i>Neurocomputing</i> , <b>2020</b> , 387, 40-50	5.4	15
401	Improved value iteration for neural-network-based stochastic optimal control design. <i>Neural Networks</i> , <b>2020</b> , 124, 280-295	9.1	7
400	Observer-Based H Tracking Control Scheme and Its Application to Robot Arms. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 536-541	0.7	1
399	Data-Based Nonaffine Optimal Tracking Control Using Iterative DHP Approach. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 4246-4251	0.7	6
398	Reinforcement Learning-Based Optimal Stabilization for Unknown Nonlinear Systems Subject to Inputs With Uncertain Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 4330-4340	10.3	19
397	Relaxed Stability Criteria for Neural Networks With Time-Varying Delay Using Extended Secondary Delay Partitioning and Equivalent Reciprocal Convex Combination Techniques. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 4157-4169	10.3	8
396	Adaptive synchronization of memristor-based neural networks with discontinuous activations. <i>Neurocomputing</i> , <b>2020</b> , 381, 196-206	5.4	8
395	Fault tolerant tracking control for nonlinear systems with actuator failures through particle swarm optimization-based adaptive dynamic programming. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 97, 106766	7.5	7
394	Adaptive dynamic programming-based decentralised control for large-scale nonlinear systems subject to mismatched interconnections with unknown time-delay. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 2883-2898	2.3	4

393	Integral reinforcement learning based event-triggered control with input saturation. <i>Neural Networks</i> , <b>2020</b> , 131, 144-153	9.1	10
392	Editorial Special Issue on Adaptive Dynamic Programming and Reinforcement Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3944-3947	7.3	0
391	Model-Free Adaptive Optimal Control for Unknown Nonlinear Multiplayer Nonzero-Sum Game. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,	10.3	9
390	Adaptive Synchronization of Delayed Memristive Neural Networks With Unknown Parameters. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 539-549	7.3	12
389	Model-Free H <sub>∞</sub> Optimal Tracking Control of Constrained Nonlinear Systems via an Iterative Adaptive Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4097-4108 <sup>14</sup>	7.3	14
388	Event-Triggered Adaptive Critic Control Design For Discrete-Time Constrained Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3158-3168	7.3	35
387	Event-triggered adaptive dynamic programming for discrete-time multi-player games. <i>Information Sciences</i> , <b>2020</b> , 506, 457-470	7.7	10
386	Adaptive dynamic programming based event-triggered control for unknown continuous-time nonlinear systems with input constraints. <i>Neurocomputing</i> , <b>2020</b> , 396, 191-200	5.4	14
385	Event-Triggered Optimal Control With Performance Guarantees Using Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 76-88	10.3	64
384	Event-Triggered Adaptive Dynamic Programming for Zero-Sum Game of Partially Unknown Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3189-3199	7.3	34
383	Neuro-Optimal Control for Discrete Stochastic Processes via a Novel Policy Iteration Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3972-3985	7.3	3
382	Continuous-Time Time-Varying Policy Iteration. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4958-4971	10.2	21
381	Event-Triggered Decentralized Tracking Control of Modular Reconfigurable Robots Through Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 3054-3064	8.9	49
380	An echo state network based approach to room classification of office buildings. <i>Neurocomputing</i> , <b>2019</b> , 333, 319-328	5.4	10
379	Robust Exponential Synchronization for Memristor Neural Networks With Nonidentical Characteristics by Pinning Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-15	7.3	6
378	Local Near-Optimal Control for Interconnected Systems with Time-Varying Delays. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 458-468	0.9	
377	A Tracking Control Method based on Event-Triggered Adaptive Dynamic Programming <b>2019</b> ,		1
376	Fault Tolerant Control for Nonlinear Systems Based on Adaptive Dynamic Programming with Particle Swarm Optimization <b>2019</b> ,		1

375	Output Tracking Control Based on Adaptive Dynamic Programming With Multistep Policy Evaluation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2155-2165	7.3	25
374	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
373	Neural robust stabilization via event-triggering mechanism and adaptive learning technique. <i>Neural Networks</i> , <b>2018</b> , 102, 27-35	9.1	29
372	A novel triggering condition of event-triggered control based on heuristic dynamic programming for discrete-time systems. <i>Optimal Control Applications and Methods</i> , <b>2018</b> , 39, 1467-1478	1.7	9
371	Robust synchronization of memristive neural networks with strong mismatch characteristics via pinning control. <i>Neurocomputing</i> , <b>2018</b> , 289, 144-154	5.4	17
370	Residential energy scheduling for variable weather solar energy based on adaptive dynamic programming. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2018</b> , 5, 36-46	7	106
369	Learning and Guaranteed Cost Control With Event-Based Adaptive Critic Implementation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 6004-6014	10.3	49
368	Adaptive -Learning for Data-Based Optimal Output Regulation With Experience Replay. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 3337-3348	10.2	62
367	Editorial Special Issue on Deep Reinforcement Learning and Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> ,	10.3	9
366	Connectivity preservation of second-order nonlinear multiagent systems with hybrid event-driven and time-driven control. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 1368-1382	2.3	1
365	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
364	Distributed algorithm for dissensus of a class of networked multiagent systems using output information. <i>Soft Computing</i> , <b>2018</b> , 22, 273-282	3.5	2
363	Data-Based Optimal Control for Weakly Coupled Nonlinear Systems Using Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 511-521	7.3	15
362	Discrete-Time Local Value Iteration Adaptive Dynamic Programming: Convergence Analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 875-891	7.3	76
361	Decentralized Control for Large-Scale Nonlinear Systems With Unknown Mismatched Interconnections via Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1725-1735	7.3	59
360	Manifold Regularized Reinforcement Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 932-943	10.3	15
359	Adaptive Dynamic Programming for Discrete-Time Zero-Sum Games. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 957-969	10.3	67
358	On Mixed Data and Event Driven Design for Adaptive-Critic-Based Nonlinear $H_{\infty}$ Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 993-1005	10.3	56

357	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. <i>Neural Networks</i> , <b>2018</b> , 97, 11-18	9.1	28
356	Adaptive Constrained Optimal Control Design for Data-Based Nonlinear Discrete-Time Systems With Critic-Only Structure. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 2099-2113	10.3	49
355	Adaptive Dynamic Programming for Optimal Control of Nonlinear Distributed Parameter Systems <b>2018</b> , 335-359		
354	Neural Network Learning and Robust Stabilization of Nonlinear Systems With Dynamic Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1342-1351	10.3	41
353	OPERON <b>2018</b> ,		4
352	Event-Triggered Adaptive Dynamic Programming for Continuous-Time Nonlinear Two-Player Zero-Sum Game. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 15-25	0.9	
351	Local Tracking Control for Unknown Interconnected Systems via Neuro-Dynamic Programming. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 258-268	0.9	
350	Fault detection and control co-design for discrete-time delayed fuzzy networked control systems subject to quantization and multiple packet dropouts. <i>Fuzzy Sets and Systems</i> , <b>2017</b> , 306, 1-25	3.7	31
349	Online identifier-critic algorithm for optimal control of nonlinear systems. <i>Optimal Control Applications and Methods</i> , <b>2017</b> , 38, 317-335	1.7	11
348	Error Bound Analysis of $Q^*$ -Function for Discounted Optimal Control Problems With Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1207-1216	7.3	13
347	A novel optimal tracking control scheme for a class of discrete-time nonlinear systems using generalised policy iteration adaptive dynamic programming algorithm. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 525-534	2.3	19
346	Optimization of electricity consumption in office buildings based on adaptive dynamic programming. <i>Soft Computing</i> , <b>2017</b> , 21, 6369-6379	3.5	11
345	Mixed Iterative Adaptive Dynamic Programming for Optimal Battery Energy Control in Smart Residential Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4110-4120	8.9	84
344	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
343	Overview of Adaptive Dynamic Programming. <i>Advances in Industrial Control</i> , <b>2017</b> , 1-33	0.3	2
342	Decentralized Control of Continuous-Time Interconnected Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 387-415	0.3	
341	Learning Algorithms for Differential Games of Continuous-Time Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 417-480	0.3	2
340	Adaptive Dynamic Programming for Optimal Residential Energy Management. <i>Advances in Industrial Control</i> , <b>2017</b> , 483-535	0.3	

339	Adaptive Dynamic Programming for Optimal Control of Coal Gasification Process. <i>Advances in Industrial Control</i> , <b>2017</b> , 537-569	0.3	0
338	Data-Based Neuro-Optimal Temperature Control of Water Gas Shift Reaction. <i>Advances in Industrial Control</i> , <b>2017</b> , 571-590	0.3	
337	Value Iteration ADP for Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 37-90	0.3	2
336	Finite Approximation Error-Based Value Iteration ADP. <i>Advances in Industrial Control</i> , <b>2017</b> , 91-149	0.3	0
335	Policy Iteration for Optimal Control of Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 151-175	0.3	
334	Generalized Policy Iteration ADP for Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 177-221	0.3	
333	Error Bounds of Adaptive Dynamic Programming Algorithms. <i>Advances in Industrial Control</i> , <b>2017</b> , 223-264	0.3	
332	Online Optimal Control of Continuous-Time Affine Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 267-307	0.3	
331	Optimal Control of Unknown Continuous-Time Nonaffine Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 309-344	0.3	1
330	Robust and Optimal Guaranteed Cost Control of Continuous-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , <b>2017</b> , 345-386	0.3	
329	Self-tuned local feedback gain based decentralized fault tolerant control for a class of large-scale nonlinear systems. <i>Neurocomputing</i> , <b>2017</b> , 235, 147-156	5.4	22
328	Event-Based Constrained Robust Control of Affine Systems Incorporating an Adaptive Critic Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1602-1612	7.3	21
327	Discrete-Time Local Value Iteration Adaptive Dynamic Programming: Admissibility and Termination Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2490-2502	10.3	21
326	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
325	Adaptive near-optimal controllers for non-linear decentralised feedback stabilisation problems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 799-806	2.5	21
324	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
323	Observer-critic structure-based adaptive dynamic programming for decentralised tracking control of unknown large-scale nonlinear systems. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 1978-1989	2.3	29
322	Echo state network-based Q-learning method for optimal battery control of offices combined with renewable energy. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 915-922	2.5	24

321	Multi-step heuristic dynamic programming for optimal control of nonlinear discrete-time systems. <i>Information Sciences</i> , <b>2017</b> , 411, 66-83	7.7	18
320	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
319	Pinning synchronization of memristor-based neural networks with time-varying delays. <i>Neural Networks</i> , <b>2017</b> , 93, 143-151	9.1	39
318	Bounded robust control design for uncertain nonlinear systems using single-network adaptive dynamic programming. <i>Neurocomputing</i> , <b>2017</b> , 266, 128-140	5.4	16
317	Adaptive Dynamic Programming with Applications in Optimal Control. <i>Advances in Industrial Control</i> , <b>2017</b> ,	0.3	111
316	Observer based adaptive dynamic programming for fault tolerant control of a class of nonlinear systems. <i>Information Sciences</i> , <b>2017</b> , 384, 21-33	7.7	50
315	Optimal constrained self-learning battery sequential management in microgrid via adaptive dynamic programming. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2017</b> , 4, 168-176	7	79
314	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
313	Neural network adaptive critic control with disturbance rejection <b>2017</b> ,		1
312	Synchronization of Memristor-Based Time-Delayed Neural Networks via Pinning Control. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 699-708	0.9	
311	Long short-term memory based on a reward/punishment strategy for recurrent neural networks <b>2017</b> ,		2
310	Adaptive critic designs for solving event-based H <sub>∞</sub> control problems <b>2017</b> ,		1
309	Adaptive Critic Nonlinear Robust Control: A Survey. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3429-3451	10.2	166
308	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4121-4129	8.9	33
307	Discrete-Time Optimal Control via Local Policy Iteration Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3367-3379	10.2	62
306	Policy Gradient Adaptive Dynamic Programming for Data-Based Optimal Control. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3341-3354	10.2	84
305	Partially-Directed-Topology-Based Consensus Control for Linear Multi-agent Systems. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 147-156	0.9	
304	Local Policy Iteration Adaptive Dynamic Programming for Discrete-Time Nonlinear Systems. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 148-153	0.9	

303	Neuro-control of Nonlinear Systems with Unknown Input Constraints. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 778-788	0.9	
302	An Event-Triggered Heuristic Dynamic Programming Algorithm for Discrete-Time Nonlinear Systems. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 741-748	0.9	
301	Online approximate solution of HJI equation for unknown constrained-input nonlinear continuous-time systems. <i>Information Sciences</i> , <b>2016</b> , 328, 435-454	7.7	46
300	Neural-Network-Based Distributed Adaptive Robust Control for a Class of Nonlinear Multiagent Systems With Time Delays and External Noises. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 750-758	7.3	94
299	An Approximate Optimal Control Approach for Robust Stabilization of a Class of Discrete-Time Nonlinear Systems With Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 713-717	7.3	95
298	Event-based input-constrained nonlinear H <sub>∞</sub> state feedback with adaptive critic and neural implementation. <i>Neurocomputing</i> , <b>2016</b> , 214, 848-856	5.4	38
297	Model-Free Optimal Tracking Control via Critic-Only Q-Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 2134-44	10.3	165
296	Distributed control of second-order nonlinear time-delayed multiagent systems with disturbance using neural networks <b>2016</b> ,		1
295	Adaptive dynamic programming based fault compensation control for nonlinear systems with actuator failures <b>2016</b> ,		1
294	Distributed consensus tracking control for multiple simple-pendulum network systems <b>2016</b> ,		5
293	Data-Based Optimal Tracking Control of Nonaffine Nonlinear Discrete-Time Systems. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 573-581	0.9	
292	Decentralized guaranteed cost control of interconnected systems with uncertainties: A learning-based optimal control strategy. <i>Neurocomputing</i> , <b>2016</b> , 214, 297-306	5.4	39
291	Data-based robust optimal control of continuous-time affine nonlinear systems with matched uncertainties. <i>Information Sciences</i> , <b>2016</b> , 366, 121-133	7.7	36
290	A neural-network-based online optimal control approach for nonlinear robust decentralized stabilization. <i>Soft Computing</i> , <b>2016</b> , 20, 707-716	3.5	20
289	Neuro-optimal tracking control for a class of discrete-time nonlinear systems via generalized value iteration adaptive dynamic programming approach. <i>Soft Computing</i> , <b>2016</b> , 20, 697-706	3.5	19
288	Bipartite output consensus in networked multi-agent systems of high-order power integrators with signed digraph and input noises. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3116-3131	2.3	17
287	Guaranteed cost neural tracking control for a class of uncertain nonlinear systems using adaptive dynamic programming. <i>Neurocomputing</i> , <b>2016</b> , 198, 80-90	5.4	69
286	Value Iteration Adaptive Dynamic Programming for Optimal Control of Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 840-53	10.2	202

285	Data-Based Adaptive Critic Designs for Nonlinear Robust Optimal Control With Uncertain Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 1544-1555	7.3	142
284	Data-driven controller design for general MIMO nonlinear systems via virtual reference feedback tuning and neural networks. <i>Neurocomputing</i> , <b>2016</b> , 171, 815-825	5.4	50
283	Adaptive tracking control of leader-following linear multi-agent systems with external disturbances. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3167-3179	2.3	9
282	Distributed control algorithm for bipartite consensus of the nonlinear time-delayed multi-agent systems with neural networks. <i>Neurocomputing</i> , <b>2016</b> , 174, 928-936	5.4	30
281	Decentralized Stabilization for Nonlinear Systems with Unknown Mismatched Interconnections. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 185-192	0.9	
280	Optimal Constrained Neuro-Dynamic Programming Based Self-learning Battery Management in Microgrids. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 193-201	0.9	
279	Neural Dynamic Programming for Event-Based Nonlinear Adaptive Robust Stabilization. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 149-157	0.9	
278	<b>2016</b> ,		1
277	Continuous-Time Distributed Adaptive Dynamic Programming for Heterogeneous Multiagent Optimal Synchronization Control <b>2016</b> , 275-304		
276	Discrete-Time Two-Player Zero-Sum Games for Nonlinear Systems Using Iterative Adaptive Dynamic Programming. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 269-276	0.9	1
275	Optimal self-learning control scheme for discrete-time nonlinear systems using local value iteration <b>2016</b> ,		1
274	Adaptive-critic-based event-driven nonlinear robust state feedback <b>2016</b> ,		4
273	Online fault compensation control based on policy iteration algorithm for a class of affine non-linear systems with actuator failures. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1816-1823	2.5	35
272	Energy consumption prediction of office buildings based on echo state networks. <i>Neurocomputing</i> , <b>2016</b> , 216, 478-488	5.4	56
271	Data-based robust adaptive control for a class of unknown nonlinear constrained-input systems via integral reinforcement learning. <i>Information Sciences</i> , <b>2016</b> , 369, 731-747	7.7	49
270	Centralized and decentralized event-triggered control for group consensus with fixed topology in continuous time. <i>Neurocomputing</i> , <b>2015</b> , 161, 267-276	5.4	37
269	Infinite horizon self-learning optimal control of nonaffine discrete-time nonlinear systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 866-79	10.3	101
268	Neural-network-based decentralized control of continuous-time nonlinear interconnected systems with unknown dynamics. <i>Neurocomputing</i> , <b>2015</b> , 165, 90-98	5.4	35

267	Reinforcement-Learning-Based Robust Controller Design for Continuous-Time Uncertain Nonlinear Systems Subject to Input Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1372-85	10.2	177
266	Error bounds of adaptive dynamic programming algorithms for solving undiscounted optimal control problems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 1323-34	10.3	43
265	Optimal distributed synchronization control for continuous-time heterogeneous multi-agent differential graphical games. <i>Information Sciences</i> , <b>2015</b> , 317, 96-113	7.7	64
264	Data-driven room classification for office buildings based on echo state network <b>2015</b> ,		2
263	Finite horizon optimal tracking control of partially unknown linear continuous-time systems using policy iteration. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 1791-1801	2.5	10
262	Reinforcement learning solution for HJB equation arising in constrained optimal control problem. <i>Neural Networks</i> , <b>2015</b> , 71, 150-8	9.1	70
261	Adaptive dynamic programming for infinite horizon optimal robust guaranteed cost control of a class of uncertain nonlinear systems <b>2015</b> ,		5
260	Approximate policy iteration with unsupervised feature learning based on manifold regularization <b>2015</b> ,		2
259	Feature selection and feature learning for high-dimensional batch reinforcement learning: A survey. <i>International Journal of Automation and Computing</i> , <b>2015</b> , 12, 229-242	3.5	22
258	A novel dual iterative Q-learning method for optimal battery management in smart residential environments. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 2509-2518	8.9	116
257	Direct adaptive control for a class of discrete-time unknown nonaffine nonlinear systems using neural networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 1844-1861	3.6	11
256	Convergence analysis and application of fuzzy-HDP for nonlinear discrete-time HJB systems. <i>Neurocomputing</i> , <b>2015</b> , 149, 124-131	5.4	17
255	Neural-network-based adaptive optimal tracking control scheme for discrete-time nonlinear systems with approximation errors. <i>Neurocomputing</i> , <b>2015</b> , 149, 106-115	5.4	56
254	Reliable observer-based H <sub>∞</sub> control for discrete-time fuzzy systems with time-varying delays and stochastic actuator faults via scaled small gain theorem. <i>Neurocomputing</i> , <b>2015</b> , 147, 251-259	5.4	21
253	Guest editorial for special issue on autonomous control of unmanned aerial vehicles. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2015</b> , 2, 1-1	7	
252	Continuous-time group consensus using distributed event-triggered control <b>2015</b> ,		3
251	Policy iteration optimal tracking control for chaotic systems by using an adaptive dynamic programming approach. <i>Chinese Physics B</i> , <b>2015</b> , 24, 030502	1.2	8
250	CIS Publication Spotlight [Publication Spotlight]. <i>IEEE Computational Intelligence Magazine</i> , <b>2015</b> , 10, 5-7	5.6	

249	Farewell Editorial: Smooth Transition of IEEE TNNLS. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 2986-2986	10.3	
248	A novel policy iteration based deterministic Q-learning for discrete-time nonlinear systems. <i>Science China Information Sciences</i> , <b>2015</b> , 58, 1-15	3.4	30
247	Generalized Policy Iteration Adaptive Dynamic Programming for Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 1577-1591	7.3	47
246	Action dependent heuristic dynamic programming based residential energy scheduling with home energy inter-exchange. <i>Energy Conversion and Management</i> , <b>2015</b> , 103, 553-561	10.6	12
245	A novel self-learning optimal control approach for decentralized guaranteed cost control of a class of complex nonlinear systems <b>2015</b> ,		1
244	TNNLS Call for Reviewers and Special Issues. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 1-6	10.3	18
243	Multibattery Optimal Coordination Control for Home Energy Management Systems via Distributed Iterative Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 4203-4214	8.9	83
242	Decentralized Sliding Mode Observer Based Dual Closed-Loop Fault Tolerant Control for Reconfigurable Manipulator against Actuator Failure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129315	3.7	7
241	H $\infty$ Control Synthesis for Linear Parabolic PDE Systems with Model-Free Policy Iteration. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 81-90	0.9	1
240	Robust Tracking Control of Uncertain Nonlinear Systems Using Adaptive Dynamic Programming. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9-16	0.9	2
239	Distributed Control for Nonlinear Time-Delayed Multi-Agent Systems with Connectivity Preservation Using Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 34-42	0.9	2
238	A New Discrete-Time Iterative Adaptive Dynamic Programming Algorithm Based on Q-Learning. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 43-52	0.9	
237	Policy Iteration Algorithm for Online Design of Robust Control for a Class of Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 627-632	4.9	133
236	Policy iteration adaptive dynamic programming algorithm for discrete-time nonlinear systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 621-34	10.3	337
235	Decentralized stabilization for a class of continuous-time nonlinear interconnected systems using online learning optimal control approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 418-28	10.3	199
234	Data-based approximate policy iteration for affine nonlinear continuous-time optimal control design. <i>Automatica</i> , <b>2014</b> , 50, 3281-3290	5.7	176
233	Unmanned aerial vehicles (UAV) heading optimal tracking control using online kernel-based HDP algorithm <b>2014</b> ,		1
232	Near-optimal online control of uncertain nonlinear continuous-time systems based on concurrent learning <b>2014</b> ,		2

231	Data-driven iterative adaptive dynamic programming algorithm for approximate optimal control of unknown nonlinear systems <b>2014</b> ,		2
230	Neural-network-based online HJB solution for optimal robust guaranteed cost control of continuous-time uncertain nonlinear systems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2834-47	10.2	182
229	Integral Reinforcement Learning for Linear Continuous-Time Zero-Sum Games With Completely Unknown Dynamics. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 706-714	4.9	99
228	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2014</b> , 44, 1015-1027	7.3	136
227	Data-based analysis of discrete-time linear systems in noisy environment: Controllability and observability. <i>Information Sciences</i> , <b>2014</b> , 288, 314-329	7.7	7
226	Data-Driven Neuro-Optimal Temperature Control of Water-Gas Shift Reaction Using Stable Iterative Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 6399-6408	8.9	134
225	Neural-network-based robust optimal control design for a class of uncertain nonlinear systems via adaptive dynamic programming. <i>Information Sciences</i> , <b>2014</b> , 282, 167-179	7.7	94
224	A Comprehensive Review of Stability Analysis of Continuous-Time Recurrent Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 1229-1262	10.3	390
223	Stability Analysis for a Class of Systems: From Model-Based Methods to Data-Driven Methods. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 6463-6471	8.9	12
222	Dual Heuristic dynamic Programming for nonlinear discrete-time uncertain systems with state delay. <i>Neurocomputing</i> , <b>2014</b> , 134, 222-229	5.4	27
221	A Novel Iterative $\theta$ -Adaptive Dynamic Programming for Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 1176-1190	4.9	93
220	Nearly Optimal Control Scheme for Discrete-Time Nonlinear Systems With Finite Approximation Errors Using Generalized Value Iteration Algorithm. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 4134-4139		
219	Data-Based Characteristics Analysis for Linear Discrete-Time Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 4993-4998		1
218	Reinforcement-Learning-Based Online Learning Control for Discrete-Time Unknown Nonaffine Nonlinear Systems <b>2014</b> , 49-81		
217	CIS Publication Spotlight [Publication Spotlight]. <i>IEEE Computational Intelligence Magazine</i> , <b>2014</b> , 9, 15-18	6	
216	Output-based high-order bipartite consensus under directed antagonistic networks <b>2014</b> ,		4
215	Data-based output feedback control using least squares estimation method for a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 3061-3075	3.6	8
214	A Report on the IEEE World Congress on Computational Intelligence 2014 (IEEE WCCI 2014) [Conference Reports]. <i>IEEE Computational Intelligence Magazine</i> , <b>2014</b> , 9, 11-14	5.6	

213	Adaptive Dynamic Programming for Optimal Tracking Control of Unknown Nonlinear Systems With Application to Coal Gasification. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 1020-1036	4.9	142
212	Finite-approximation-error-based discrete-time iterative adaptive dynamic programming. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2820-33	10.2	136
211	Reinforcement learning for adaptive optimal control of unknown continuous-time nonlinear systems with input constraints. <i>International Journal of Control</i> , <b>2014</b> , 87, 553-566	1.5	115
210	Optimal self-learning battery control in smart residential grids by iterative Q-learning algorithm <b>2014</b> ,		1
209	Decentralized control for a class of nonlinear interconnected systems using integral policy iteration <b>2014</b> ,		1
208	Online approximate optimal control for affine non-linear systems with unknown internal dynamics using adaptive dynamic programming. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1676-1688	2.5	60
207	Editorial TNNLS Special Issues and Editorial Board Changes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 1-8	10.3	6
206	Constrained online optimal control for continuous-time nonlinear systems using neuro-dynamic programming <b>2014</b> ,		2
205	Online optimal control for VTOL aircraft system based on DHP algorithm <b>2014</b> ,		1
204	Multiperson zero-sum differential games for a class of uncertain nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2014</b> , 28, 205-231	2.8	17
203	Discrete-time online learning control for a class of unknown nonaffine nonlinear systems using reinforcement learning. <i>Neural Networks</i> , <b>2014</b> , 55, 30-41	9.1	42
202	Neural-network-based optimal tracking control scheme for a class of unknown discrete-time nonlinear systems using iterative ADP algorithm. <i>Neurocomputing</i> , <b>2014</b> , 125, 46-56	5.4	60
201	Optimal multiband joint detection in cognitive radio networks with the Taguchi method. <i>International Journal of Communication Systems</i> , <b>2014</b> , 27, 3619-3639	1.7	3
200	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2014</b> , 44, 353-362	7.3	22
199	Approximate optimal solution of the DTHJB equation for a class of nonlinear affine systems with unknown dead-zone constraints. <i>Soft Computing</i> , <b>2014</b> , 18, 349-357	3.5	4
198	Stable iterative adaptive dynamic programming algorithm with approximation errors for discrete-time nonlinear systems. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 1355-1367	4.8	24
197	A Truthful Multi-Channel Double Auction Mechanism for Heterogeneous Spectrums. <i>Wireless Personal Communications</i> , <b>2014</b> , 77, 1677-1697	1.9	1
196	Discrete-Time Nonlinear Generalized Policy Iteration for Optimal Control Using Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 389-396	0.9	

195	Single Network Adaptive Critics Networks Development, Analysis, and Applications <b>2013</b> , 98-118		0
194	Adaptive optimal control for a class of continuous-time affine nonlinear systems with unknown internal dynamics. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 1843-1850	4.8	57
193	Bounds for Markov Decision Processes <b>2013</b> , 452-473		4
192	Neural-network-based zero-sum game for discrete-time nonlinear systems via iterative adaptive dynamic programming algorithm. <i>Neurocomputing</i> , <b>2013</b> , 110, 92-100	5.4	121
191	Stable Adaptive Neural Control of Partially Observable Dynamic Systems <b>2013</b> , 31-51		
190	Reinforcement Learning and Approximate Dynamic Programming (RLADP) Foundations, Common Misconceptions, and the Challenges Ahead <b>2013</b> , 1-30		7
189	Optimal Control of Unknown Nonlinear Discrete-Time Systems Using the Iterative Globalized Dual Heuristic Programming Algorithm <b>2013</b> , 52-77		9
188	Learning and Optimization in Hierarchical Adaptive Critic Design <b>2013</b> , 78-97		12
187	Linearly Solvable Optimal Control <b>2013</b> , 119-141		12
186	Adaptive Dynamic Programming for Control. <i>Communications and Control Engineering</i> , <b>2013</b> ,	0.6	145
185	A Data-Based State Feedback Control Method for a Class of Nonlinear Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 2284-2292	11.9	26
184	A supervised Actor-Critic approach for adaptive cruise control. <i>Soft Computing</i> , <b>2013</b> , 17, 2089-2099	3.5	48
183	Adaptive optimal control for nonlinear systems with control constraints using GDHP technique <b>2013</b> ,		1
182	Optimal Feedback Control for Continuous-Time Systems via ADP. <i>Communications and Control Engineering</i> , <b>2013</b> , 223-255	0.6	0
181	A neural-network-based iterative GDHP approach for solving a class of nonlinear optimal control problems with control constraints. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 219-227	4.8	25
180	A self-learning scheme for residential energy system control and management. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 259-269	4.8	64
179	Data-based stability analysis of a class of nonlinear discrete-time systems. <i>Information Sciences</i> , <b>2013</b> , 235, 36-44	7.7	8
178	Approximating Optimal Control with Value Gradient Learning <b>2013</b> , 142-161		6

177	A Constrained Backpropagation Approach to Function Approximation and Approximate Dynamic Programming <b>2013</b> , 162-181		1
176	An iterative adaptive dynamic programming algorithm for optimal control of unknown discrete-time nonlinear systems with constrained inputs. <i>Information Sciences</i> , <b>2013</b> , 220, 331-342	7.7	99
175	Neuro-optimal control for a class of unknown nonlinear dynamic systems using SN-DHP technique. <i>Neurocomputing</i> , <b>2013</b> , 121, 218-225	5.4	52
174	Optimal State Feedback Control for Discrete-Time Systems. <i>Communications and Control Engineering</i> , <b>2013</b> , 27-107	0.6	
173	Optimal Tracking Control for Discrete-Time Systems. <i>Communications and Control Engineering</i> , <b>2013</b> , 109-160	0.6	
172	Optimal State Feedback Control of Nonlinear Systems with Time Delays. <i>Communications and Control Engineering</i> , <b>2013</b> , 161-199	0.6	
171	Action dependent heuristic dynamic programming for home energy resource scheduling. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2013</b> , 48, 148-160	5.1	93
170	Adaptive Dynamic Programming Algorithm for Renewable Energy Scheduling and Battery Management. <i>Cognitive Computation</i> , <b>2013</b> , 5, 264-277	4.4	57
169	Finite-Approximation-Error-Based Optimal Control Approach for Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 779-89	10.2	182
168	Numerical adaptive learning control scheme for discrete-time non-linear systems. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1472-1486	2.5	61
167	Neural-network-based online optimal control for uncertain non-linear continuous-time systems with control constraints. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 2037-2047	2.5	91
166	Neural-network-observer-based optimal control for unknown nonlinear systems using adaptive dynamic programming. <i>International Journal of Control</i> , <b>2013</b> , 86, 1554-1566	1.5	90
165	Reinforcement Learning Control with Time-Dependent Agent Dynamics <b>2013</b> , 203-220		0
164	Robust Adaptive Dynamic Programming <b>2013</b> , 281-302		6
163	Neuro-Optimal Control of Unknown Nonaffine Nonlinear Systems with Saturating Actuators. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 574-579		1
162	Editorial A Successful Change From TNN to TNNLS and a Very Successful Year. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1-7	10.3	7
161	Adaptive Dynamic Programming for Solving Non-Zero-Sum Differential Games. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 586-591		1
160	A New Self-Learning Optimal Control Scheme for Discrete-Time Nonlinear Systems Using Policy Iterative Adaptive Dynamic Programming. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 580-585		

159	Hybrid Learning in Stochastic Games and Its Application in Network Security <b>2013</b> , 303-329		13
158	Integral Reinforcement Learning for Online Computation of Nash Strategies of Nonzero-Sum Differential Games <b>2013</b> , 330-349		
157	Online Learning Algorithms for Optimal Control and Dynamic Games <b>2013</b> , 350-377		
156	Lambda-Policy Iteration: A Review and a New Implementation <b>2013</b> , 379-409		2
155	Optimal Learning and Approximate Dynamic Programming <b>2013</b> , 410-431		2
154	An Introduction to Event-Based Optimization: Theory and Applications <b>2013</b> , 432-451		
153	Approximate Dynamic Programming and Backpropagation on Timescales <b>2013</b> , 474-493		
152	A Survey of Optimistic Planning in Markov Decision Processes <b>2013</b> , 494-516		2
151	Adaptive Feature Pursuit: Online Adaptation of Features in Reinforcement Learning <b>2013</b> , 517-534		3
150	Feature Selection for Neuro-Dynamic Programming <b>2013</b> , 535-559		
149	Approximate Dynamic Programming for Optimizing Oil Production <b>2013</b> , 560-581		1
148	Toward Design of Nonlinear ADP Learning Controllers with Performance Assurance <b>2013</b> , 182-202		
147	Online Optimal Control of Nonaffine Nonlinear Discrete-Time Systems without Using Value and Policy Iterations <b>2013</b> , 221-257		0
146	A Learning Strategy for Source Tracking in Unstructured Environments <b>2013</b> , 582-600		
145	An Actor-Critic Identifier Architecture for Adaptive Approximate Optimal Control <b>2013</b> , 258-280		3
144	IEEE Press Series on Computational Intelligence <b>2013</b> , 614-614		
143	Optimal Tracking Control Scheme for Discrete-Time Nonlinear Systems with Approximation Errors. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 1-10	0.9	5
142	Observer-Based Adaptive Output Feedback Control for Nonaffine Nonlinear Discrete-Time Systems Using Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 631-638	0.9	1

141	Nonlinear Games for a Class of Continuous-Time Systems Based on ADP. <i>Communications and Control Engineering</i> , <b>2013</b> , 345-393	0.6	
140	Other Applications of ADP. <i>Communications and Control Engineering</i> , <b>2013</b> , 395-422	0.6	
139	Neural Network H <sub>∞</sub> Tracking Control of Nonlinear Systems Using GHJI Method. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 186-195	0.9	1
138	Integral Policy Iteration for Zero-Sum Games with Completely Unknown Nonlinear Dynamics. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 225-232	0.9	2
137	CIS Publication Spotlight [Publication Spotlight]. <i>IEEE Computational Intelligence Magazine</i> , <b>2012</b> , 7, 11-13.6	3.6	
136	CIS Publication Spotlight [Publication Spotlight]. <i>IEEE Computational Intelligence Magazine</i> , <b>2012</b> , 7, 11-13.6	3.6	
135	Neural-Network-Based Optimal Control for a Class of Unknown Discrete-Time Nonlinear Systems Using Globalized Dual Heuristic Programming. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2012</b> , 9, 628-634	4.9	104
134	Adaptive optimal control for a class of nonlinear partially uncertain dynamic systems via policy iteration <b>2012</b> ,		1
133	Finite-horizon neuro-optimal tracking control for a class of discrete-time nonlinear systems using adaptive dynamic programming approach. <i>Neurocomputing</i> , <b>2012</b> , 78, 14-22	5.4	157
132	Finite-horizon neural optimal tracking control for a class of nonlinear systems with unknown dynamics <b>2012</b> ,		3
131	A new optimal control method for discrete-time nonlinear systems with approximation error <b>2012</b> ,		3
130	Adaptive dynamic programming with stable value iteration algorithm for discrete-time nonlinear systems <b>2012</b> ,		11
129	New robust stability results for bidirectional associative memory neural networks with multiple time delays. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 11472-11482	2.7	23
128	An iterative $\gamma$ -optimal control scheme for a class of discrete-time nonlinear systems with unfixed initial state. <i>Neural Networks</i> , <b>2012</b> , 32, 236-44	9.1	75
127	Optimal control of unknown nonaffine nonlinear discrete-time systems based on adaptive dynamic programming. <i>Automatica</i> , <b>2012</b> , 48, 1825-1832	5.7	265
126	Optimal Battery Management with ADHDP in Smart Home Environments. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 355-364	0.9	10
125	Optimal control for discrete-time affine non-linear systems using general value iteration. <i>IET Control Theory and Applications</i> , <b>2012</b> , 6, 2725-2736	2.5	78
124	Optimal Cooperative Spectrum Sensing in Cognitive Radio with Taguchi Method <b>2012</b> ,		2

123	Temperature Control in Water-Gas Shift Reaction with Adaptive Dynamic Programming. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 478-487	0.9	2
122	Generalized Hamilton-Jacobi-Isaacs Formulation-Based Neural Network H <sub>∞</sub> Control for Constrained Input Nonlinear Systems. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 218-225	0.9	
121	Nearly Optimal Control for Nonlinear Systems with Dead-Zone Control Input Based on the Iterative ADP Approach. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 127-134	0.9	
120	Self-learning Control Schemes for Two-Person Zero-Sum Differential Games of Continuous-Time Nonlinear Systems with Saturating Controllers. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 534-543	0.9	
119	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2011</b> , 12, 1473-1483	6.1	63
118	Neural-network-based optimal control for a class of nonlinear discrete-time systems with control constraints using the iterative GDHP algorithm <b>2011</b> ,		2
117	Adaptive dynamic programming for finite-horizon optimal control of discrete-time nonlinear systems with error bound. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 24-36		214
116	Finite horizon optimal control of discrete-time nonlinear systems with unfixed initial state using adaptive dynamic programming. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 381-390		3
115	Residential energy system control and management using adaptive dynamic programming <b>2011</b> ,		26
114	Optimal control for discrete-time nonlinear systems with unfixed initial state using adaptive dynamic programming <b>2011</b> ,		2
113	An iterative adaptive dynamic programming method for solving a class of nonlinear zero-sum differential games. <i>Automatica</i> , <b>2011</b> , 47, 207-214	5.7	279
112	Data based predictive control using neural networks and stochastic approximation <b>2011</b> ,		1
111	Adaptive dynamic programming for optimal control of unknown nonlinear discrete-time systems <b>2011</b> ,		7
110	Nonlinear torque and air-to-fuel ratio control of spark ignition engines using neuro-sliding mode techniques. <i>International Journal of Neural Systems</i> , <b>2011</b> , 21, 213-24	6.2	5
109	Data-based controllability and observability analysis of linear discrete-time systems. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 2388-92		50
108	Optimal Control for a Class of Unknown Nonlinear Systems via the Iterative GDHP Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 630-639	0.9	3
107	Finite Horizon Optimal Tracking Control for a Class of Discrete-Time Nonlinear Systems. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 620-629	0.9	
106	An iterative ADP approach for solving a class of nonlinear zero-sum differential games <b>2010</b> ,		1

105	Adaptive dynamic programming for a class of discrete-time non-affine nonlinear systems with time-delays <b>2010</b> ,		3
104	Output synchronization of multiple mobile agents <b>2010</b> ,		1
103	Misfire detection based on engine speed using wavelet <b>2009</b> ,		1
102	LMI Based Global Asymptotic Stability Criterion for Recurrent Neural Networks with Infinite Distributed Delays. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 463-471	0.9	6
101	Constrained optimal control of affine nonlinear discrete-time systems using GHJB method <b>2009</b> ,		1
100	Neural-network-based reinforcement learning controller for nonlinear systems with non-symmetric dead-zone inputs <b>2009</b> ,		10
99	. <i>IEEE Computational Intelligence Magazine</i> , <b>2009</b> , 4, 39-47	5.6	517
98	Global Asymptotic Stability and Robust Stability of a Class of Cohen-Grossberg Neural Networks With Mixed Delays. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2009</b> , 56, 616-629	3.9	85
97	Generalized Receding Horizon Control of Fuzzy Systems Based on Numerical Optimization Algorithm. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 1336-1352	8.3	15
96	A biologically inspired adaptive nonlinear control strategy for applications to powertrain control <b>2009</b> ,		4
95	Neural-network-based near-optimal control for a class of discrete-time affine nonlinear systems with control constraints. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 1490-503		459
94	Consensus value of multi-agent networked systems with time-delay <b>2009</b> ,		5
93	Noise reduction for oil pipeline pressure time series based on wavelet filtering technology <b>2009</b> ,		2
92	Parameter approximate dynamic optimization for PSO systems <b>2009</b> ,		1
91	Epileptic Seizure Prediction by a System of Particle Filter Associated with a Neural Network. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2009</b> , 2009,	1.9	11
90	A neural network method for detection of obstructive sleep apnea and narcolepsy based on pupil size and EEG. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 308-18		74
89	Global asymptotic stability of recurrent neural networks with multiple time-varying delays. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 855-73		279
88	Multi-Agent Based Adaptive Consensus Control for Multiple Manipulators with Kinematic Uncertainties <b>2008</b> ,		26

87	Delay-dependent guaranteed cost control for uncertain stochastic fuzzy systems with multiple time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 126-40		137
86	Adaptive critic learning techniques for engine torque and air-fuel ratio control. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 988-93		106
85	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 896-897		38
84	A Monte Carlo Particle Model Associated with Neural Networks for Tracking Problem. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2008</b> , 55, 3421-3429	3.9	2
83	An adaptive control method for a class of uncertain nonlinear systems with ferromagnetic hysteresis nonlinearity <b>2008</b> ,		1
82	T-S fuzzy modeling and control for a class of chaotic (hyperchaotic) systems with uncertain parameters <b>2008</b> ,		1
81	Robust stability analysis for interval cohen-grossberg neural networks with unknown time-varying delays. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 1942-55		101
80	Consensus protocol for multi-agent continuous systems. <i>Chinese Physics B</i> , <b>2008</b> , 17, 3531-3535	1.2	19
79	Dual Heuristic Programming Based Neurocontroller for Vibration Isolation Control <b>2008</b> ,		2
78	Wavelet basis function neural networks for sequential learning. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 523-8		31
77	Neural Sliding-Mode Control of Engine Torque. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 9453-9458		5
76	Novel Delay-Dependent Exponential Stability of a Class of Fuzzy Cellular Neural Networks with Time-Varying Delays. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 2472-2477		
75	Robust Impulsive Synchronization for a Class of Unified Chaotic Systems with Parameter Uncertainty. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 15114-15118 <sup>2</sup>		
74	Neurodynamic programming: a case study of the traveling salesman problem. <i>Neural Computing and Applications</i> , <b>2008</b> , 17, 347-355	4.8	4
73	Adaptive Dynamic Programming for a Class of Nonlinear Control Systems with General Separable Performance Index. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 128-137	0.9	2
72	ADHDP for the pH Value Control in the Clarifying Process of Sugar Cane Juice. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 796-805	0.9	4
71	Temperature Control in Precalculator with Dual Heuristic Dynamic Programming. <i>Neural Networks (IJCNN), International Joint Conference on</i> , <b>2007</b> ,		1
70	Particle Swarn Optimized Adaptive Dynamic Programming <b>2007</b> ,		9

69	Clustering with a Weighted Sum Validity Function Using a Niching PSO Algorithm <b>2007</b> ,		6
68	Neural Network Strategy for Sampling of Particle Filters on the Tracking Problem. <i>Neural Networks (IJCNN), International Joint Conference on</i> , <b>2007</b> ,		1
67	Extended Lie Algebraic Stability Analysis for Switched Systems with Continuous-Time and Discrete-Time Subsystems. <i>International Journal of Applied Mathematics and Computer Science</i> , <b>2007</b> , 17, 447-454	1.7	5
66	A multipath interference cancellation technique for WCDMA downlink receivers. <i>International Journal of Communication Systems</i> , <b>2007</b> , 20, 661-668	1.7	5
65	Two approximation methods to synthesize the power spectrum of fractional Gaussian noise. <i>Computational Statistics and Data Analysis</i> , <b>2007</b> , 52, 1047-1062	1.6	5
64	A Brief Overview of the Complex Biological and Engineering Networks <b>2007</b> ,		3
63	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2007</b> , 15, 453-469	8.3	106
62	Robust Exponential Stability of Recurrent Neural Networks With Multiple Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2007</b> , 54, 730-734		91
61	Discrete-Time Adaptive Dynamic Programming using Wavelet Basis Function Neural Networks <b>2007</b>		22
60	On-Line Learning Control for Discrete Nonlinear Systems Via an Improved ADDHP Method. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 387-396	0.9	7
59	Classification of Obstructive Sleep Apnea by Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 1299-1308	0.9	2
58	Lie algebraic stability analysis for switched systems with continuous-time and discrete-time subsystems. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2006</b> , 53, 152-156		43
57	Automotive Engine Torque and Air-Fuel Ratio Control Using Dual Heuristic Dynamic Programming <b>2006</b> ,		1
56	Motif discoveries in unaligned molecular sequences using self-organizing neural networks. <i>IEEE Transactions on Neural Networks</i> , <b>2006</b> , 17, 919-28		54
55	Controller Design for a Class of Nonlinear Systems Based on Fuzzy Hyperbolic Model <b>2006</b> ,		1
54	A New Fuzzy Identification Method Based on Adaptive Critic Designs. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 804-809	0.9	7
53	Finite Horizon Discrete-Time Approximate Dynamic Programming <b>2006</b> ,		3
52	Robust Stability Analysis of a Class of Hopfield Neural Networks with Multiple Delays. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 209-214	0.9	2

51	Multiuser detection using the Taguchi method for DS-CDMA systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2005</b> , 4, 1594-1607	9.6	16
50	Taguchi method for solving the economic dispatch problem with nonsmooth cost functions. <i>IEEE Transactions on Power Systems</i> , <b>2005</b> , 20, 2006-2014	7	107
49	Exponential Stability Analysis of Neural Networks with Multiple Time Delays. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 142-148	0.9	5
48	On the global output convergence of a class of recurrent neural networks with time-varying inputs. <i>Neural Networks</i> , <b>2005</b> , 18, 171-8	9.1	21
47	Identification of motifs with insertions and deletions in protein sequences using self-organizing neural networks. <i>Neural Networks</i> , <b>2005</b> , 18, 835-42	9.1	12
46	A self-learning call admission control scheme for CDMA cellular networks. <i>IEEE Transactions on Neural Networks</i> , <b>2005</b> , 16, 1219-28		114
45	CHAOTIFYING FUZZY HYPERBOLIC MODEL USING IMPULSIVE AND NONLINEAR FEEDBACK CONTROL APPROACHES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2005</b> , 15, 2603-2610	2	21
44	Global output convergence of a class of continuous-time recurrent neural networks with time-varying thresholds. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2004</b> , 51, 161-167		32
43	CHAOTIFYING FUZZY HYPERBOLIC MODEL USING ADAPTIVE INVERSE OPTIMAL CONTROL APPROACH. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2004</b> , 14, 3505-3517	2	27
42	Call Admission Policies Based on Calculated Power Control Setpoints in SIR-Based Power-Controlled DS-CDMA Cellular Networks. <i>Wireless Networks</i> , <b>2004</b> , 10, 473-483	2.5	4
41	Two new operators in rough set theory with applications to fuzzy sets. <i>Information Sciences</i> , <b>2004</b> , 166, 147-165	7.7	48
40	An improved maximum likelihood approach to image reconstruction using ordered subsets and data subdivisions. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 130-135	1.7	13
39	A novel modulation and demodulation technique for the downlink of spread spectrum multipath channels. <i>IEEE Communications Letters</i> , <b>2004</b> , 8, 208-210	3.8	2
38	Adaptive critic learning techniques for automotive engine control <b>2004</b> ,		2
37	Asymptotic Stability of a Class of Linear Discrete Systems with Multiple Independent Variables. <i>Circuits, Systems, and Signal Processing</i> , <b>2003</b> , 22, 307	2.2	
36	N-bit parity neural networks: new solutions based on linear programming. <i>Neurocomputing</i> , <b>2002</b> , 48, 477-488	5.4	16
35	Criteria for robust absolute stability of time-varying nonlinear continuous-time systems. <i>Automatica</i> , <b>2002</b> , 38, 627-637	5.7	32
34	Robust absolute stability of time-varying nonlinear discrete-time systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>2002</b> , 49, 1129-1137		16

33	A constructive algorithm for feedforward neural networks with incremental training. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>2002</b> , 49, 1876-1879		38
32	Nested auto-regressive processes for MPEG-encoded video traffic modeling. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2001</b> , 11, 169-183	6.4	21
31	Synthesis approach for bidirectional associative memories based on the perceptron training algorithm. <i>Neurocomputing</i> , <b>2000</b> , 35, 137-148	5.4	3
30	Synthesis of fractional gaussian noise using linear approximation for generating self-similar network traffic. <i>Computer Communication Review</i> , <b>2000</b> , 30, 4-17	1.4	33
29	Solving the N-bit parity problem using neural networks. <i>Neural Networks</i> , <b>1999</b> , 12, 1321-1323	9.1	23
28	A self-learning ship steering controller based on adaptive Critic Designs. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 5070-5075		1
27	Lyapunov stability of two-dimensional digital filters with overflow nonlinearities. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>1998</b> , 45, 574-577		48
26	A new synthesis procedure for a class of cellular neural networks with space-invariant cloning template. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>1998</b> , 45, 1601-1605		12
25	Cloning template design of cellular neural networks for associative memories. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>1997</b> , 44, 646-650		23
24	Stability analysis of systems with partial state saturation nonlinearities. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>1996</b> , 43, 230-232		20
23	Robustness analysis and design of a class of neural networks with sparse interconnecting structure. <i>Neurocomputing</i> , <b>1996</b> , 12, 59-76	5.4	17
22	Correction to "Necessary and Sufficient Conditions for the Hurwitz and Schur Stability of Interval M. <i>IEEE Transactions on Automatic Control</i> , <b>1996</b> , 41, 311	5.9	
21	Stability analysis of a class of systems with parameter uncertainties and with state saturation nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , <b>1995</b> , 5, 505-519	3.6	3
20	. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>1994</b> , 41, 295-307		60
19	. <i>IEEE Transactions on Automatic Control</i> , <b>1994</b> , 39, 1251-1255	5.9	60
18	Null controllability of systems with control constraints and state saturation. <i>Systems and Control Letters</i> , <b>1993</b> , 20, 131-139	2.4	11
17	Sparsely interconnected artificial neural networks for associative memories. <i>Lecture Notes in Computer Science</i> , <b>1993</b> , 155-160	0.9	1
16	Asymptotic stability of systems operating on a closed hypercube. <i>Systems and Control Letters</i> , <b>1992</b> , 19, 281-285	2.4	16

15	A self-organizing neural network approach for the identification of motifs with insertions and deletions in protein sequences	1
14	A self-learning adaptive critic approach for call admission control in wireless cellular networks	2
13	Neural network modeling and adaptive critic control of automotive fuel-injection systems	7
12	Applications of fuzzy decision-making in pipeline leak localization	1
11	Chaotification of nonlinear systems described by the fuzzy hyperbolic model	1
10	Robust Adaptive Fuzzy Output Control for Nonlinear Uncertain Systems	3
9	Gradient-based methods for simultaneous blind separation of mixed source signals	1
8	Stability analysis for switched systems with continuous-time and discrete-time subsystems: a Lie algebraic approach	4
7	A fast method for generating self-similar network traffic	3
6	A new learning algorithm for feedforward neural networks	1
5	Action-dependent adaptive critic designs	9
4	An adaptive algorithm for call admission control in wireless networks	16
3		1
2		1
1	Adaptive critic designs for decentralised robust control of nonlinear interconnected systems via event-triggering mechanism. <i>International Journal of Systems Science</i> ,1-17	2.3