

# Ding Wang

## List of Publications by Year in descending order

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254  
papers

10,218  
citations

28128

55  
h-index

36816

97  
g-index

258  
all docs

258  
docs citations

258  
times ranked

4453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Constrained Optimal Tracking Control With Critic Learning of Nonlinear Multiplayer Zero-Sum Games. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 5671-5683.	12.6	15
2	Cooperative ETM-Based Adaptive Neural Network Tracking Control for Nonlinear Pure-Feedback MASs: A Special-Shaped Laplacian Matrix Method. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3528-3538.	12.6	5
3	Advanced Optimal Tracking Control With Stability Guarantee via Novel Value Learning Formulation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 8254-8265.	12.6	1
4	Novel Discounted Adaptive Critic Control Designs With Accelerated Learning Formulation. IEEE Transactions on Cybernetics, 2024, 54, 3003-3016.	10.1	6
5	Convergence and Stability of Optimal Regulation via Generalized $N$ -Step Value Gradient Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-12.	12.6	0
6	Adaptive Critic Control Design With Knowledge Transfer for Wastewater Treatment Applications. IEEE Transactions on Industrial Informatics, 2024, 20, 1488-1497.	12.1	19
7	Adaptive Event-Triggered Control for Non-Strict Feedback Nonlinear CPSs With Time Delays Against Deception Attacks and Actuator Faults. IEEE Transactions on Automation Science and Engineering, 2024, , 1-11.	5.7	2
8	Offline Data-Driven Adaptive Critic Design With Variational Inference for Wastewater Treatment Process Control. IEEE Transactions on Automation Science and Engineering, 2024, , 1-12.	5.7	0
9	Decentralized Optimal Neurocontroller Design for Mismatched Interconnected Systems via Integral Policy Iteration. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 687-691.	3.2	0
10	Adaptive critic control with multi-step policy evaluation for nonlinear zero-sum games. International Journal of Robust and Nonlinear Control, 2024, 34, 551-566.	3.8	1
11	Intelligent Optimal Control of Constrained Nonlinear Systems via Receding-Horizon Heuristic Dynamic Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 287-299.	9.7	6
12	Decentralized Event-Triggered Asymmetric Constrained Control Through Adaptive Critic Designs for Nonlinear Interconnected Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 391-402.	9.7	4
13	Adaptive Critic Tracking Design for Data-Based Nonaffine Predictive Control. IEEE Transactions on Automation Science and Engineering, 2024, , 1-12.	5.7	0
14	Intelligent-Critic-Based Tracking Control of Discrete-Time Input-Affine Systems and Approximation Error Analysis With Application Verification. IEEE Transactions on Cybernetics, 2024, 54, 4690-4701.	10.1	0
15	Adaptive Finite-Time Bipartite Consensus Tracking Control for Heterogeneous Nonlinear MASs With Time-Varying Output Constraints. IEEE Transactions on Automation Science and Engineering, 2024, , 1-10.	5.7	0
16	Recent Progress in Reinforcement Learning and Adaptive Dynamic Programming for Advanced Control Applications. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 18-36.	13.9	35
17	Iterative Q-Learning for Model-Free Optimal Control With Adjustable Convergence Rate. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 2224-2228.	3.2	0
18	Model-free intelligent critic design with error analysis for neural tracking control. Neurocomputing, 2024, 572, 127198.	6.2	0

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19	Adjustable Iterative $Q$ -Learning Schemes for Model-Free Optimal Tracking Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 1202-1213.	9.7	6
20	Action-Dependent Heuristic Dynamic Programming With Experience Replay for Wastewater Treatment Processes. IEEE Transactions on Industrial Informatics, 2024, 20, 6257-6265.	12.1	2
21	Improved value iteration for nonlinear tracking control with accelerated learning. International Journal of Robust and Nonlinear Control, 2024, 34, 4112-4131.	3.8	0
22	Prescribed Performance Adaptive Containment Control for Full-State Constrained Nonlinear Multiagent Systems: A Disturbance Observer-Based Design Strategy. IEEE Transactions on Automation Science and Engineering, 2024, , 1-12.	5.7	1
23	Supplementary heuristic dynamic programming for wastewater treatment process control. Expert Systems With Applications, 2024, 247, 123280.	7.9	0
24	Model-Free Optimal Tracking Design With Evolving Control Strategies via $Q$ -Learning. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 3373-3377.	3.2	0
25	A new $Q$ -function structure for model-free adaptive optimal tracking control with asymmetric constrained inputs. International Journal of Adaptive Control and Signal Processing, 2024, 38, 1561-1578.	4.0	2
26	Reinforcement learning control with $n$ -step information for wastewater treatment systems. Engineering Applications of Artificial Intelligence, 2024, 133, 108033.	8.3	0
27	Adaptive Fuzzy Practical Predefined-Time Bipartite Consensus Tracking Control for Heterogeneous Nonlinear MASs With Actuator Faults. IEEE Transactions on Fuzzy Systems, 2024, 32, 3071-3083.	10.5	0
28	Multilayer adaptive critic design with digital twin for data-driven optimal tracking control and industrial applications. Engineering Applications of Artificial Intelligence, 2024, 133, 108228.	8.3	0
29	Accelerated Value Iteration for Nonlinear Zero-Sum Games with Convergence Guarantee. Research on World Agricultural Economy, 2024, 04, .	1.3	0
30	Adaptive critic design with weight allocation for intelligent learning control of wastewater treatment plants. Engineering Applications of Artificial Intelligence, 2024, 133, 108284.	8.3	2
31	Adjustable iterative $Q$ -learning for advanced neural tracking control with stability guarantee. Neurocomputing, 2024, 584, 127592.	6.2	0
32	Neural $Q$ -learning for discrete-time nonlinear zero-sum games with adjustable convergence rate. Neural Networks, 2024, 175, 106274.	6.4	0
33	Adaptive Fuzzy Resilient Fixed-Time Bipartite Consensus Tracking Control for Nonlinear MASs Under Sensor Deception Attacks. IEEE Transactions on Automation Science and Engineering, 2024, , 1-10.	5.7	0
34	Reinforcement Learning for Robust Dynamic Event-Driven Constrained Control. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-13.	12.6	0
35	Neural critic learning with accelerated value iteration for nonlinear model predictive control. Neural Networks, 2024, 176, 106364.	6.4	0
36	Evolution-guided value iteration for optimal tracking control. Neurocomputing, 2024, 593, 127835.	6.2	0

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37	Advanced optimal tracking integrating a neural critic technique for asymmetric constrained zero-sum games. <i>Neural Networks</i> , 2024, 177, 106388.	6.4	0
38	Adaptive Prescribed-Time Consensus Tracking Control Scheme of Nonlinear Multi-Agent Systems Under Deception Attacks. <i>IEEE Transactions on Automation Science and Engineering</i> , 2024, , 1-10.	5.7	0
39	Evolution-Guided Adaptive Dynamic Programming for Nonlinear Optimal Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2024, , 1-12.	9.7	0
40	Novel Parallel Formulation for Iterative Reinforcement Learning Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2024, , 1-12.	9.7	0
41	Novel generalized policy iteration for efficient evolving control of nonlinear systems. <i>Neurocomputing</i> , 2024, 608, 128418.	6.2	0
42	Adaptive Neural Control of Nonlinear Nonstrict Feedback Systems With Full-State Constraints: A Novel Nonlinear Mapping Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 999-1007.	12.6	21
43	Time-/Event-Triggered Adaptive Neural Asymptotic Tracking Control of Nonlinear Interconnected Systems With Unmodeled Dynamics and Prescribed Performance. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6557-6567.	12.6	8
44	Adaptive Critic for Event-Triggered Unknown Nonlinear Optimal Tracking Design With Wastewater Treatment Applications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6276-6288.	12.6	30
45	Neuro-Optimal Trajectory Tracking With Value Iteration of Discrete-Time Nonlinear Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4237-4248.	12.6	20
46	A Novel Value Iteration Scheme With Adjustable Convergence Rate. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 7430-7442.	12.6	25
47	System Stability of Learning-Based Linear Optimal Control With General Discounted Value Iteration. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6504-6514.	12.6	34
48	Stability and Admissibility Analysis for Zero-Sum Games Under General Value Iteration Formulation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 8707-8718.	12.6	13
49	Evolving and Incremental Value Iteration Schemes for Nonlinear Discrete-Time Zero-Sum Games. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 4487-4499.	10.1	18
50	Dual Event-Triggered Constrained Control Through Adaptive Critic for Discrete-Time Zero-Sum Games. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 1584-1595.	9.7	56
51	Switching Event-Triggered Adaptive Resilient Dynamic Surface Control for Stochastic Nonlinear CPSs With Unknown Deception Attacks. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 6562-6570.	10.1	27
52	Off-Policy Model-Free Learning for Multi-Player Non-Zero-Sum Games With Constrained Inputs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2023, 70, 910-920.	5.8	5
53	Discounted Near-Optimal Control of Affine Systems via a Progressive Cost Evolution Formulation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2023, 70, 1535-1539.	3.2	3
54	Discounted linear Q-learning control with novel tracking cost and its stability. <i>Information Sciences</i> , 2023, 626, 339-353.	7.2	7

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55	Optimal trajectory tracking control for a class of nonlinear nonaffine systems via generalized N�step value gradient learning. International Journal of Robust and Nonlinear Control, 2023, 33, 3471-3490.	3.8	6
56	Event-triggered constrained neural critic control of nonlinear continuous-time multiplayer nonzero-sum games. Information Sciences, 2023, 631, 412-428.	7.2	10
57	Data-driven tracking control design with reinforcement learning involving a wastewater treatment application. Engineering Applications of Artificial Intelligence, 2023, 123, 106242.	8.3	4
58	Event-based online learning control design with eligibility trace for discrete-time unknown nonlinear systems. Engineering Applications of Artificial Intelligence, 2023, 123, 106240.	8.3	2
59	Event�based robust performance guarantee for nonaffine plants via system identification. International Journal of Robust and Nonlinear Control, 2023, 33, 5365-5387.	3.8	3
60	Novel Discounted Optimal Tracking Design Under Offline and Online Formulations for Asymmetric Constrained Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 6886-6896.	9.7	0
61	Dichotomy value iteration with parallel learning design towards discrete-time zero-sum games. Neural Networks, 2023, 167, 751-762.	6.4	3
62	Adaptive Event-Triggered Consensus Tracking Control Schemes for Uncertain Constrained Nonlinear Multi-Agent Systems. IEEE Transactions on Automation Science and Engineering, 2023, , 1-11.	5.7	1
63	Event-Triggered-Based Consensus Neural Network Tracking Control for Nonlinear Pure-Feedback Multiagent Systems With Delayed Full-State Constraints. IEEE Transactions on Automation Science and Engineering, 2023, , 1-11.	5.7	0
64	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. IEEE Transactions on Cybernetics, 2022, 52, 77-86.	10.1	92
65	Self-Learning Robust Control Synthesis and Trajectory Tracking of Uncertain Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 278-286.	10.1	21
66	Adaptive Decentralized Asymptotic Tracking Control for Large-Scale Nonlinear Systems With Unknown Strong Interconnections. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 173-186.	13.9	68
67	Offline and Online Adaptive Critic Control Designs With Stability Guarantee Through Value Iteration. IEEE Transactions on Cybernetics, 2022, 52, 13262-13274.	10.1	36
68	Adaptive critic optimization to decentralized event�triggered control of continuous�time nonlinear interconnected systems. Optimal Control Applications and Methods, 2022, 43, 198-212.	2.2	13
69	Time-/Event-Triggered Adaptive Neural Asymptotic Tracking Control for Nonlinear Systems With Full-State Constraints and Application to a Single-Link Robot. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6690-6700.	12.6	27
70	Adaptive Optimal Control for Unknown Constrained Nonlinear Systems With a Novel Quasi-Model Network. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2867-2878.	12.6	4
71	Policy Gradient Adaptive Critic Design With Dynamic Prioritized Experience Replay for Wastewater Treatment Process Control. IEEE Transactions on Industrial Informatics, 2022, 18, 3150-3158.	12.1	44
72	A data-based neural policy learning strategy towards robust tracking control design for uncertain dynamic systems. International Journal of Systems Science, 2022, 53, 1719-1732.	5.6	3

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73	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. IEEE Transactions on Evolutionary Computation, 2022, 26, 542-554.	11.4	23
74	The intelligent critic framework for advanced optimal control. Artificial Intelligence Review, 2022, 55, 1-22.	16.1	149
75	Dynamic multi-objective intelligent optimal control toward wastewater treatment processes. Science China Technological Sciences, 2022, 65, 569-580.	4.0	24
76	Online Value Iteration for Intelligent Discounted Tracking Design of Constrained Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3829-3833.	3.2	8
77	Valueâ€iterationâ€based affine nonlinear optimal control involving admissibility discussion. International Journal of Robust and Nonlinear Control, 2022, 32, 7290-7303.	3.8	6
78	Fast finiteâ€time adaptive neural faultâ€tolerant tracking control for multiâ€input multiâ€output systems with fullâ€state constraints. International Journal of Adaptive Control and Signal Processing, 2022, 36, 2269-2288.	4.0	3
79	Discounted Iterative Adaptive Critic Designs With Novel Stability Analysis for Tracking Control. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1262-1272.	13.9	95
80	Novel optimal trajectory tracking for nonlinear affine systems with an advanced critic learning structure. Neural Networks, 2022, 154, 131-140.	6.4	2
81	Adaptive optimal tracking control with novel eventâ€triggered formulation for a type of nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2022, 36, 3004-3022.	4.0	2
82	Multiâ€eventâ€triggered adaptive critic control with guaranteed cost for discreteâ€time nonlinear nonzeroâ€sum games. International Journal of Robust and Nonlinear Control, 2022, 32, 10292-10308.	3.8	3
83	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. IEEE Transactions on Industrial Electronics, 2021, 68, 7362-7369.	8.2	149
84	Generalized value iteration for discounted optimal control with stability analysis. Systems and Control Letters, 2021, 147, 104847.	2.3	41
85	A novel decomposition-based multiobjective evolutionary algorithm using improved multiple adaptive dynamic selection strategies. Information Sciences, 2021, 556, 472-494.	7.2	23
86	Intelligent optimal tracking with asymmetric constraints of a nonlinear wastewater treatment system. International Journal of Robust and Nonlinear Control, 2021, 31, 6773-6787.	3.8	35
87	Discounted nearâ€optimal regulation of constrained nonlinear systems via generalized value iteration. International Journal of Robust and Nonlinear Control, 2021, 31, 8481-8503.	3.8	10
88	Adaptive-critic-based hybrid intelligent optimal tracking for a class of nonlinear discrete-time systems. Engineering Applications of Artificial Intelligence, 2021, 105, 104443.	8.3	21
89	Adaptive neural tracking control of high-order nonlinear systems with quantized input. Neurocomputing, 2021, 456, 156-167.	6.2	20
90	Neural optimal tracking control of constrained nonaffine systems with a wastewater treatment application. Neural Networks, 2021, 143, 121-132.	6.4	43

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91	Neural-network-based discounted optimal control via an integrated value iteration with accuracy guarantee. <i>Neural Networks</i> , 2021, 144, 176-186.	6.4	17
92	Neural-Network-Based Self-Learning Disturbance Rejection Design for Continuous-Time Nonlinear Constrained Systems. , 2021, , .		1
93	Event-Driven Optimal Regulation with SNAC Framework for Constrained Nonlinear Plants. , 2021, , .		0
94	Data-Based Iterative DHP Optimal Tracking Control with a Wastewater Treatment Application. , 2021, , .		0
95	Model-Free Off-Policy Iterative Adaptive Dynamic Programming for Nitrate-Nitrogen Concentration Control. , 2021, , .		0
96	Neural Optimal Control for Discrete-Time Asymmetric Constrained Nonlinear Systems via DHP Technique. , 2021, , .		0
97	Event-Triggered Intelligent Critic Design for Constrained Nonaffine Nonzero-Sum Games. , 2021, , .		0
98	Generalized Value Iteration for Nonaffine Adaptive Tracking Control with Application to a Wastewater Treatment System. , 2021, , .		0
99	Model-Free $H_{\infty}$ Optimal Tracking Control of Constrained Nonlinear Systems via an Iterative Adaptive Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4097-4108.	9.7	43
100	Event-Triggered Adaptive Critic Control Design for Discrete-Time Constrained Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3158-3168.	9.7	76
101	Asymptotically stable critic designs for approximate optimal stabilization of nonlinear systems subject to mismatched external disturbances. <i>Neurocomputing</i> , 2020, 396, 201-208.	6.2	12
102	Intelligent Critic Control With Robustness Guarantee of Disturbed Nonlinear Plants. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2740-2748.	10.1	39
103	Neuro-Optimal Control for Discrete Stochastic Processes via a Novel Policy Iteration Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3972-3985.	9.7	13
104	Self-Learning Optimal Regulation for Discrete-Time Nonlinear Systems Under Event-Driven Formulation. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1272-1279.	6.0	160
105	Robust Policy Learning Control of Nonlinear Plants With Case Studies for a Power System Application. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 1733-1741.	12.1	37
106	Neural critic learning toward robust dynamic stabilization. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2020-2032.	3.8	12
107	Adaptive Neural Output-Feedback Controller Design of Switched Nonlower Triangular Nonlinear Systems With Time Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4084-4093.	12.6	92
108	Data-based composite control design with critic intelligence for a wastewater treatment platform. <i>Artificial Intelligence Review</i> , 2020, 53, 3773-3785.	16.1	14

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109	Event-triggered constrained control with DHP implementation for nonaffine discrete-time systems. Information Sciences, 2020, 519, 110-123.	7.2	29
110	Improved value iteration for neural-network-based stochastic optimal control design. Neural Networks, 2020, 124, 280-295.	6.4	15
111	Data-Based Nonaffine Optimal Tracking Control Using Iterative DHP Approach. IFAC-PapersOnLine, 2020, 53, 4246-4251.	1.0	20
112	Mixed Driven Iterative Adaptive Critic Control Design Towards Nonaffine Discrete-Time Plants. IFAC-PapersOnLine, 2020, 53, 3803-3808.	1.0	2
113	Improved Adaptive Critic for Neural Optimal Control of Constrained Nonlinear Discrete-Time Systems. , 2020, , .		0
114	A Neural Policy Learning Method for Robust Stabilization of Uncertain Nonlinear Systems. , 2020, , .		0
115	Adaptive Neural State-Feedback Tracking Control of Stochastic Nonlinear Switched Systems: An Average Dwell-Time Method. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1076-1087.	12.6	189
116	ADP-Based Supplementary Design for Load Frequency Control of Power Systems. Studies in Systems, Decision and Control, 2019, , 281-304.	0.0	1
117	Robust Optimal Control of Nonlinear Systems with Matched Uncertainties. Studies in Systems, Decision and Control, 2019, , 45-84.	0.0	0
118	Observer-Based Online Adaptive Regulation for a Class of Uncertain Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 85-115.	0.0	0
119	Adaptive Tracking Control of Nonlinear Systems Subject to Matched Uncertainties. Studies in Systems, Decision and Control, 2019, , 117-144.	0.0	0
120	Event-Triggered Robust Stabilization Incorporating an Adaptive Critic Mechanism. Studies in Systems, Decision and Control, 2019, , 145-172.	0.0	0
121	Event-Triggered Nonlinear $H_{\infty}$ Control Design via an Improved Critic Learning Strategy. Studies in Systems, Decision and Control, 2019, , 229-255.	0.0	0
122	Intelligent Critic Control with Disturbance Attenuation for a Micro-Grid System. Studies in Systems, Decision and Control, 2019, , 257-280.	0.0	0
123	Robust Stabilization and Trajectory Tracking of General Uncertain Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 199-227.	0.0	0
124	Overview of Robust Adaptive Critic Control Design. Studies in Systems, Decision and Control, 2019, , 1-43.	0.0	0
125	An Improved Adaptive Optimal Regulation Framework with Robust Control Synthesis. Studies in Systems, Decision and Control, 2019, , 173-197.	0.0	0
126	Control-Limited Adaptive Dynamic Programming for Multi-Battery Energy Storage Systems. IEEE Transactions on Smart Grid, 2019, 10, 4235-4244.	9.7	55



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127	Approximate neural optimal control with reinforcement learning for a torsional pendulum device. <i>Neural Networks</i> , 2019, 117, 1-7.	6.4	36
128	Advanced policy learning near-optimal regulation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019, 6, 743-749.	13.9	14
129	A Novel Neural-Network-Based Adaptive Control Scheme for Output-Constrained Stochastic Switched Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 418-432.	9.7	118
130	Neural robust stabilization via event-triggering mechanism and adaptive learning technique. <i>Neural Networks</i> , 2018, 102, 27-35.	6.4	39
131	Adaptive Neural Output-Feedback Control for a Class of Nonlower Triangular Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 3658-3668.	12.6	124
132	Learning and Guaranteed Cost Control With Event-Based Adaptive Critic Implementation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 6004-6014.	12.6	87
133	Connectivity preservation of second-order nonlinear multiagent systems with hybrid event-driven and time-driven control. <i>International Journal of Systems Science</i> , 2018, 49, 1368-1382.	5.6	3
134	Intelligent Optimal Control With Critic Learning for a Nonlinear Overhead Crane System. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 2932-2940.	12.1	144
135	Distributed algorithm for dissensus of a class of networked multiagent systems using output information. <i>Soft Computing</i> , 2018, 22, 273-282.	3.8	5
136	Event-Based Robust Control for Uncertain Nonlinear Systems Using Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 37-50.	12.6	164
137	Data-Based Optimal Control for Weakly Coupled Nonlinear Systems Using Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 511-521.	9.7	23
138	Connectivity preserved nonlinear time-delayed multiagent systems using neural networks and event-based mechanism. <i>Neural Computing and Applications</i> , 2018, 29, 361-369.	5.7	4
139	Decentralized Control for Large-Scale Nonlinear Systems With Unknown Mismatched Interconnections via Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1725-1735.	9.7	137
140	Manifold Regularized Reinforcement Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 932-943.	12.6	20
141	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> , 2018, 29, 993-1005.	12.6	119
142	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. <i>Soft Computing</i> , 2018, 22, 2705-2715.	3.8	25
143	Adaptive-Critic-Based Robust Trajectory Tracking of Uncertain Dynamics and Its Application to a Spring-Mass-Damper System. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 654-663.	8.2	85
144	Model-Free Adaptive Control for Unknown Nonlinear Zero-Sum Differential Game. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1633-1646.	10.1	95

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145	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. <i>Neural Networks</i> , 2018, 97, 11-18.	6.4	55
146	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.	10.1	63
147	Adaptive Critic H $\infty$ Control of Nonlinear Systems With Disturbance and Input Constraints. , 2018, , .		0
148	Adaptive-Learning-Based H $\infty$ Optimal Tracking Control Design for a Class of Constrained Nonlinear Systems. , 2018, , .		0
149	Local Tracking Control for Unknown Interconnected Systems via Neuro-Dynamic Programming. <i>Lecture Notes in Computer Science</i> , 2018, , 258-268.	1.0	0
150	Data-driven policy learning strategy for nonlinear robust control with unknown perturbation. , 2018, , .		0
151	Adaptive Event-Based Control for Discrete-Time Nonaffine Systems with Constrained Inputs. , 2018, , .		1
152	Neural Network Learning and Robust Stabilization of Nonlinear Systems With Dynamic Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 1342-1351.	12.6	85
153	Error Bound Analysis of Q-Function for Discounted Optimal Control Problems With Policy Iteration. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1207-1216.	9.7	27
154	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.	9.7	111
155	Overview of Adaptive Dynamic Programming. <i>Advances in Industrial Control</i> , 2017, , 1-33.	0.0	3
156	Decentralized Control of Continuous-Time Interconnected Nonlinear Systems. <i>Advances in Industrial Control</i> , 2017, , 387-415.	0.0	0
157	Learning Algorithms for Differential Games of Continuous-Time Systems. <i>Advances in Industrial Control</i> , 2017, , 417-480.	0.0	2
158	Data-Based Neuro-Optimal Temperature Control of Water Gas Shift Reaction. <i>Advances in Industrial Control</i> , 2017, , 571-590.	0.0	0
159	Value Iteration ADP for Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , 2017, , 37-90.	0.0	3
160	Policy Iteration for Optimal Control of Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , 2017, , 151-175.	0.0	0
161	Error Bounds of Adaptive Dynamic Programming Algorithms. <i>Advances in Industrial Control</i> , 2017, , 223-264.	0.0	0
162	Online Optimal Control of Continuous-Time Affine Nonlinear Systems. <i>Advances in Industrial Control</i> , 2017, , 267-307.	0.0	0

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