

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	Optimal control of unknown nonaffine nonlinear discrete-time systems based on adaptive dynamic programming. <i>Automatica</i> , 2012, 48, 1825-1832.	5.2	359
2	Reinforcement-Learning-Based Robust Controller Design for Continuous-Time Uncertain Nonlinear Systems Subject to Input Constraints. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 1372-1385.	10.1	315
3	Adaptive Critic Nonlinear Robust Control: A Survey. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3429-3451.	10.1	303
4	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> , 2014, 25, 418-428.	12.6	293
5	Model-Free Optimal Tracking Control via Critic-Only Q-Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 2134-2144.	12.6	266
6	Neural-Network-Based Online HJB Solution for Optimal Robust Guaranteed Cost Control of Continuous-Time Uncertain Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 2834-2847.	10.1	258
7	Online Synchronous Approximate Optimal Learning Algorithm for Multi-Player Non-Zero-Sum Games With Unknown Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2014, 44, 1015-1027.	9.7	212
8	Finite-horizon neuro-optimal tracking control for a class of discrete-time nonlinear systems using adaptive dynamic programming approach. <i>Neurocomputing</i> , 2012, 78, 14-22.	6.2	207
9	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> , 2014, 11, 627-632.	5.7	191
10	Experience Replay for Optimal Control of Nonzero-Sum Game Systems With Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 854-865.	10.1	190
11	Adaptive Neural State-Feedback Tracking Control of Stochastic Nonlinear Switched Systems: An Average Dwell-Time Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 1076-1087.	12.6	189
12	Data-Based Adaptive Critic Designs for Nonlinear Robust Optimal Control With Uncertain Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1544-1555.	9.7	185
13	Integral Reinforcement Learning for Linear Continuous-Time Zero-Sum Games With Completely Unknown Dynamics. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014, 11, 706-714.	5.7	171
14	Neural-network-based zero-sum game for discrete-time nonlinear systems via iterative adaptive dynamic programming algorithm. <i>Neurocomputing</i> , 2013, 110, 92-100.	6.2	168
15	Reinforcement learning for adaptive optimal control of unknown continuous-time nonlinear systems with input constraints. <i>International Journal of Control</i> , 2014, 87, 553-566.	2.0	166
16	Policy Gradient Adaptive Dynamic Programming for Data-Based Optimal Control. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3341-3354.	10.1	164
17	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
18	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

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19	Novel iterative neural dynamic programming for data-based approximate optimal control design. <i>Automatica</i> , 2017, 81, 240-252.	5.2	152
20	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 7362-7369.	8.2	149
21	The intelligent critic framework for advanced optimal control. <i>Artificial Intelligence Review</i> , 2022, 55, 1-22.	16.1	149
22	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> , 2012, 9, 628-634.	5.7	148
23	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
24	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
25	Neural-network-based robust optimal control design for a class of uncertain nonlinear systems via adaptive dynamic programming. <i>Information Sciences</i> , 2014, 282, 167-179.	7.2	136
26	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> , 2016, 46, 713-717.	9.7	136
27	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> , 2016, 46, 750-758.	9.7	134
28	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
29	Neural-network-observer-based optimal control for unknown nonlinear systems using adaptive dynamic programming. <i>International Journal of Control</i> , 2013, 86, 1554-1566.	2.0	120
30	On Mixed Data and Event Driven Design for Adaptive-Critic-Based Nonlinear H_{∞} Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 993-1005.	12.6	119
31	An iterative adaptive dynamic programming algorithm for optimal control of unknown discrete-time nonlinear systems with constrained inputs. <i>Information Sciences</i> , 2013, 220, 331-342.	7.2	118
32	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
33	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
34	Guaranteed cost neural tracking control for a class of uncertain nonlinear systems using adaptive dynamic programming. <i>Neurocomputing</i> , 2016, 198, 80-90.	6.2	103
35	Model-Free Adaptive Control for Unknown Nonlinear Zero-Sum Differential Game. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1633-1646.	10.1	95
36	Discounted Iterative Adaptive Critic Designs With Novel Stability Analysis for Tracking Control. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 1262-1272.	13.9	95

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37	Adaptive Neural Output-Feedback Controller Design of Switched Nonlower Triangular Nonlinear Systems With Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4084-4093.	12.6	92
38	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. IEEE Transactions on Cybernetics, 2022, 52, 77-86.	10.1	92
39	Learning and Guaranteed Cost Control With Event-Based Adaptive Critic Implementation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6004-6014.	12.6	87
40	Intelligent Critic Control With Disturbance Attenuation for Affine Dynamics Including an Application to a Microgrid System. IEEE Transactions on Industrial Electronics, 2017, 64, 4935-4944.	8.2	86
41	Event-Driven Nonlinear Discounted Optimal Regulation Involving a Power System Application. IEEE Transactions on Industrial Electronics, 2017, 64, 8177-8186.	8.2	85
42	Adaptive-Critic-Based Robust Trajectory Tracking of Uncertain Dynamics and Its Application to a Spring-Mass-Damper System. IEEE Transactions on Industrial Electronics, 2018, 65, 654-663.	8.2	85
43	Neural Network Learning and Robust Stabilization of Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1342-1351.	12.6	85
44	Full-range adaptive cruise control based on supervised adaptive dynamic programming. Neurocomputing, 2014, 125, 57-67.	6.2	83
45	Event-Triggered Adaptive Critic Control Design for Discrete-Time Constrained Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3158-3168.	9.7	76
46	Improving the Critic Learning for Event-Based Nonlinear H_{∞} Control Design. IEEE Transactions on Cybernetics, 2017, 47, 3417-3428.	10.1	75
47	Model-Free Optimal Control for Affine Nonlinear Systems With Convergence Analysis. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1461-1468.	5.7	74
48	Data-driven controller design for general MIMO nonlinear systems via virtual reference feedback tuning and neural networks. Neurocomputing, 2016, 171, 815-825.	6.2	69
49	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
50	Error Bounds of Adaptive Dynamic Programming Algorithms for Solving Undiscounted Optimal Control Problems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1323-1334.	12.6	63
51	Data-Driven Finite-Horizon Approximate Optimal Control for Discrete-Time Nonlinear Systems Using Iterative HDP Approach. IEEE Transactions on Cybernetics, 2018, 48, 2948-2961.	10.1	63
52	Data-based robust optimal control of continuous-time affine nonlinear systems with matched uncertainties. Information Sciences, 2016, 366, 121-133.	7.2	61
53	Dual Event-Triggered Constrained Control Through Adaptive Critic for Discrete-Time Zero-Sum Games. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 1584-1595.	9.7	56
54	Neuro-optimal control for a class of unknown nonlinear dynamic systems using SN-DHP technique. Neurocomputing, 2013, 121, 218-225.	6.2	55

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55	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. <i>Neural Networks</i> , 2018, 97, 11-18.	6.4	55
56	Control-Limited Adaptive Dynamic Programming for Multi-Battery Energy Storage Systems. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4235-4244.	9.7	55
57	Discrete-time online learning control for a class of unknown nonaffine nonlinear systems using reinforcement learning. <i>Neural Networks</i> , 2014, 55, 30-41.	6.4	54
58	Neural-network-based decentralized control of continuous-time nonlinear interconnected systems with unknown dynamics. <i>Neurocomputing</i> , 2015, 165, 90-98.	6.2	49
59	Decentralized guaranteed cost control of interconnected systems with uncertainties: A learning-based optimal control strategy. <i>Neurocomputing</i> , 2016, 214, 297-306.	6.2	49
60	Event-based input-constrained nonlinear H^∞ state feedback with adaptive critic and neural implementation. <i>Neurocomputing</i> , 2016, 214, 848-856.	6.2	45
61	Event-Based Constrained Robust Control of Affine Systems Incorporating an Adaptive Critic Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1602-1612.	9.7	44
62	Policy Gradient Adaptive Critic Design With Dynamic Prioritized Experience Replay for Wastewater Treatment Process Control. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 3150-3158.	12.1	44
63	Centralized and decentralized event-triggered control for group consensus with fixed topology in continuous time. <i>Neurocomputing</i> , 2015, 161, 267-276.	6.2	43
64	Distributed control algorithm for bipartite consensus of the nonlinear time-delayed multi-agent systems with neural networks. <i>Neurocomputing</i> , 2016, 174, 928-936.	6.2	43
65	Model-Free H^∞ 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
66	Neural optimal tracking control of constrained nonaffine systems with a wastewater treatment application. <i>Neural Networks</i> , 2021, 143, 121-132.	6.4	43
67	Generalized value iteration for discounted optimal control with stability analysis. <i>Systems and Control Letters</i> , 2021, 147, 104847.	2.3	41
68	Data-based Self-learning Optimal Control: Research Progress and Prospects. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2013, 39, 1858.	0.3	41
69	Neural robust stabilization via event-triggering mechanism and adaptive learning technique. <i>Neural Networks</i> , 2018, 102, 27-35.	6.4	39
70	Intelligent Critic Control With Robustness Guarantee of Disturbed Nonlinear Plants. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2740-2748.	10.1	39
71	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
72	Dual iterative adaptive dynamic programming for a class of discrete-time nonlinear systems with time-delays. <i>Neural Computing and Applications</i> , 2013, 23, 1851-1863.	5.7	36

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73	Approximate neural optimal control with reinforcement learning for a torsional pendulum device. <i>Neural Networks</i> , 2019, 117, 1-7.	6.4	36
74	Offline and Online Adaptive Critic Control Designs With Stability Guarantee Through Value Iteration. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 13262-13274.	10.1	36
75	Neural-network-based adaptive guaranteed cost control of nonlinear dynamical systems with matched uncertainties. <i>Neurocomputing</i> , 2017, 245, 46-54.	6.2	35
76	Intelligent optimal tracking with asymmetric constraints of a nonlinear wastewater treatment system. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 6773-6787.	3.8	35
77	Recent Progress in Reinforcement Learning and Adaptive Dynamic Programming for Advanced Control Applications. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2024, 11, 18-36.	13.9	35
78	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
79	Adaptive tracking control for a class of continuous-time uncertain nonlinear systems using the approximate solution of HJB equation. <i>Neurocomputing</i> , 2017, 260, 432-442.	6.2	32
80	Feature selection and feature learning for high-dimensional batch reinforcement learning: A survey. <i>International Journal of Automation and Computing</i> , 2015, 12, 229-242.	4.7	31
81	Robust adaptive critic control design with network-based event-triggered formulation. <i>Nonlinear Dynamics</i> , 2017, 90, 2023-2035.	5.3	31
82	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> , 2013, 22, 219-227.	5.7	30
83	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
84	Event-triggered constrained control with DHP implementation for nonaffine discrete-time systems. <i>Information Sciences</i> , 2020, 519, 110-123.	7.2	29
85	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
86	Time-/Event-Triggered Adaptive Neural Asymptotic Tracking Control for Nonlinear Systems With Full-State Constraints and Application to a Single-Link Robot. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 6690-6700.	12.6	27
87	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
88	Adaptive near-optimal controllers for nonlinear decentralised feedback stabilisation problems. <i>IET Control Theory and Applications</i> , 2017, 11, 799-806.	2.2	26
89	A neural-network-based online optimal control approach for nonlinear robust decentralized stabilization. <i>Soft Computing</i> , 2016, 20, 707-716.	3.8	25
90	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. <i>Soft Computing</i> , 2018, 22, 2705-2715.	3.8	25

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91	A Novel Value Iteration Scheme With Adjustable Convergence Rate. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7430-7442.	12.6	25
92	Dynamic multi-objective intelligent optimal control toward wastewater treatment processes. Science China Technological Sciences, 2022, 65, 569-580.	4.0	24
93	Bounded robust control design for uncertain nonlinear systems using single-network adaptive dynamic programming. Neurocomputing, 2017, 266, 128-140.	6.2	23
94	Data-Based Optimal Control for Weakly Coupled Nonlinear Systems Using Policy Iteration. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 511-521.	9.7	23
95	A novel decomposition-based multiobjective evolutionary algorithm using improved multiple adaptive dynamic selection strategies. Information Sciences, 2021, 556, 472-494.	7.2	23
96	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. IEEE Transactions on Evolutionary Computation, 2022, 26, 542-554.	11.4	23
97	Bipartite output consensus in networked multi-agent systems of high-order power integrators with signed digraph and input noises. International Journal of Systems Science, 2016, 47, 3116-3131.	5.6	21
98	Self-Learning Robust Control Synthesis and Trajectory Tracking of Uncertain Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 278-286.	10.1	21
99	Adaptive Neural Control of Nonlinear Nonstrict Feedback Systems With Full-State Constraints: A Novel Nonlinear Mapping Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 999-1007.	12.6	21
100	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
101	Manifold Regularized Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 932-943.	12.6	20
102	Adaptive neural tracking control of high-order nonlinear systems with quantized input. Neurocomputing, 2021, 456, 156-167.	6.2	20
103	Data-Based Nonaffine Optimal Tracking Control Using Iterative DHP Approach. IFAC-PapersOnLine, 2020, 53, 4246-4251.	1.0	20
104	Neuro-Optimal Trajectory Tracking With Value Iteration of Discrete-Time Nonlinear Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4237-4248.	12.6	20
105	Adaptive Critic Control Design With Knowledge Transfer for Wastewater Treatment Applications. IEEE Transactions on Industrial Informatics, 2024, 20, 1488-1497.	12.1	19
106	Evolving and Incremental Value Iteration Schemes for Nonlinear Discrete-Time Zero-Sum Games. IEEE Transactions on Cybernetics, 2023, 53, 4487-4499.	10.1	18
107	Neural-network-based discounted optimal control via an integrated value iteration with accuracy guarantee. Neural Networks, 2021, 144, 176-186.	6.4	17
108	A novel neural optimal control framework with nonlinear dynamics: Closed-loop stability and simulation verification. Neurocomputing, 2017, 266, 353-360.	6.2	15

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109	Improved value iteration for neural-network-based stochastic optimal control design. <i>Neural Networks</i> , 2020, 124, 280-295.	6.4	15
110	Asymmetric Constrained Optimal Tracking Control With Critic Learning of Nonlinear Multiplayer Zero-Sum Games. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 5671-5683.	12.6	15
111	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> , 2015, 25, 1844-1861.	3.8	14
112	Advanced policy learning near-optimal regulation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019, 6, 743-749.	13.9	14
113	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
114	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
115	Adaptive critic optimization to decentralized event-triggered control of continuous-time nonlinear interconnected systems. <i>Optimal Control Applications and Methods</i> , 2022, 43, 198-212.	2.2	13
116	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
117	Optimal Control of Unknown Nonlinear Discrete-Time Systems Using the Iterative Globalized Dual Heuristic Programming Algorithm. , 2012, , 52-77.		12
118	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
119	Neural critic learning toward robust dynamic stabilization. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2020-2032.	3.8	12
120	Terrain recognition improves the performance of neural-machine interface for locomotion mode recognition. , 2013, , .		11
121	Discounted near-optimal regulation of constrained nonlinear systems via generalized value iteration. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 8481-8503.	3.8	10
122	Event-triggered constrained neural critic control of nonlinear continuous-time multiplayer nonzero-sum games. <i>Information Sciences</i> , 2023, 631, 412-428.	7.2	10
123	Adaptive dynamic programming for infinite horizon optimal robust guaranteed cost control of a class of uncertain nonlinear systems. , 2015, , .		8
124	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
125	Online Value Iteration for Intelligent Discounted Tracking Design of Constrained Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 3829-3833.	3.2	8
126	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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127	Finite-horizon neural optimal tracking control for a class of nonlinear systems with unknown dynamics. , 2012, , .		6
128	Constrained online optimal control for continuous-time nonlinear systems using neuro-dynamic programming. , 2014, , .		6
129	Approximate optimal solution of the DTHJB equation for a class of nonlinear affine systems with unknown dead-zone constraints. Soft Computing, 2014, 18, 349-357.	3.8	6
130	Output-based high-order bipartite consensus under directed antagonistic networks. , 2014, , .		6
131	Adaptive-critic-based event-driven nonlinear robust state feedback. , 2016, , .		6
132	Value-Iteration-based affine nonlinear optimal control involving admissibility discussion. International Journal of Robust and Nonlinear Control, 2022, 32, 7290-7303.	3.8	6
133	Optimal trajectory tracking control for a class of nonlinear nonaffine systems via generalized \mathcal{H}_∞ -step value gradient learning. International Journal of Robust and Nonlinear Control, 2023, 33, 3471-3490.	3.8	6
134	Novel Discounted Adaptive Critic Control Designs With Accelerated Learning Formulation. IEEE Transactions on Cybernetics, 2024, 54, 3003-3016.	10.1	6
135	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
136	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
137	Data-driven iterative adaptive dynamic programming algorithm for approximate optimal control of unknown nonlinear systems. , 2014, , .		5
138	Distributed algorithm for dissensus of a class of networked multiagent systems using output information. Soft Computing, 2018, 22, 273-282.	3.8	5
139	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
140	Off-Policy Model-Free Learning for Multi-Player Non-Zero-Sum Games With Constrained Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, 70, 910-920.	5.8	5
141	Long short-term memory based on a reward/punishment strategy for recurrent neural networks. , 2017, , .		4
142	Connectivity preserved nonlinear time-delayed multiagent systems using neural networks and event-based mechanism. Neural Computing and Applications, 2018, 29, 361-369.	5.7	4
143	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
144	Adaptation-Oriented Near-Optimal Control and Robust Synthesis of an Overhead Crane System. Lecture Notes in Computer Science, 2017, , 42-50.	1.0	4

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145	Data-driven tracking control design with reinforcement learning involving a wastewater treatment application. <i>Engineering Applications of Artificial Intelligence</i> , 2023, 123, 106242.	8.3	4
146	Decentralized Event-Triggered Asymmetric Constrained Control Through Adaptive Critic Designs for Nonlinear Interconnected Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2024, 54, 391-402.	9.7	4
147	Continuous-time group consensus using distributed event-triggered control. , 2015, , .		3
148	Approximate policy iteration with unsupervised feature learning based on manifold regularization. , 2015, , .		3
149	Overview of Adaptive Dynamic Programming. <i>Advances in Industrial Control</i> , 2017, , 1-33.	0.0	3
150	Value Iteration ADP for Discrete-Time Nonlinear Systems. <i>Advances in Industrial Control</i> , 2017, , 37-90.	0.0	3
151	Adaptive critic designs for solving event-based H_∞ control problems. , 2017, , .		3
152	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
153	A data-based neural policy learning strategy towards robust tracking control design for uncertain dynamic systems. <i>International Journal of Systems Science</i> , 2022, 53, 1719-1732.	5.6	3
154	Fast finite-time adaptive neural fault-tolerant tracking control for multi-input multi-output systems with full-state constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022, 36, 2269-2288.	4.0	3
155	Multi-event-triggered adaptive critic control with guaranteed cost for discrete-time nonlinear nonzero-sum games. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 10292-10308.	3.8	3
156	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
157	Event-based robust performance guarantee for nonaffine plants via system identification. <i>International Journal of Robust and Nonlinear Control</i> , 2023, 33, 5365-5387.	3.8	3
158	Dichotomy value iteration with parallel learning design towards discrete-time zero-sum games. <i>Neural Networks</i> , 2023, 167, 751-762.	6.4	3
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