

Ding Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5817270/publications.pdf>

Version: 2024-02-01

196
papers

9,375
citations

30070
54
h-index

39675
94
g-index

197
all docs

197
docs citations

197
times ranked

3201
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal control of unknown nonaffine nonlinear discrete-time systems based on adaptive dynamic programming. Automatica, 2012, 48, 1825-1832.	5.0	354
2	Reinforcement-Learning-Based Robust Controller Design for Continuous-Time Uncertain Nonlinear Systems Subject to Input Constraints. IEEE Transactions on Cybernetics, 2015, 45, 1372-1385.	9.5	291
3	Adaptive Critic Nonlinear Robust Control: A Survey. IEEE Transactions on Cybernetics, 2017, 47, 3429-3451.	9.5	287
4	Decentralized Stabilization for a Class of Continuous-Time Nonlinear Interconnected Systems Using Online Learning Optimal Control Approach. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 418-428.	11.3	283
5	Adaptive Dynamic Programming with Applications in Optimal Control. Advances in Industrial Control, 2017, , .	0.5	259
6	Neural-Network-Based Online HJB Solution for Optimal Robust Guaranteed Cost Control of Continuous-Time Uncertain Nonlinear Systems. IEEE Transactions on Cybernetics, 2014, 44, 2834-2847.	9.5	253
7	Model-Free Optimal Tracking Control via Critic-Only Q-Learning. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2134-2144.	11.3	245
8	Online Synchronous Approximate Optimal Learning Algorithm for Multi-Player Non-Zero-Sum Games With Unknown Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1015-1027.	9.3	204
9	Finite-horizon neuro-optimal tracking control for a class of discrete-time nonlinear systems using adaptive dynamic programming approach. Neurocomputing, 2012, 78, 14-22.	5.9	203
10	Adaptive Dynamic Programming for Control. Communications and Control Engineering, 2013, , .	1.6	192
11	Policy Iteration Algorithm for Online Design of Robust Control for a Class of Continuous-Time Nonlinear Systems. IEEE Transactions on Automation Science and Engineering, 2014, 11, 627-632.	5.2	187
12	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.	11.3	186
13	Experience Replay for Optimal Control of Nonzero-Sum Game Systems With Unknown Dynamics. IEEE Transactions on Cybernetics, 2016, 46, 854-865.	9.5	184
14	Data-Based Adaptive Critic Designs for Nonlinear Robust Optimal Control With Uncertain Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1544-1555.	9.3	180
15	Neural-network-based zero-sum game for discrete-time nonlinear systems via iterative adaptive dynamic programming algorithm. Neurocomputing, 2013, 110, 92-100.	5.9	163
16	Integral Reinforcement Learning for Linear Continuous-Time Zero-Sum Games With Completely Unknown Dynamics. IEEE Transactions on Automation Science and Engineering, 2014, 11, 706-714.	5.2	161
17	Reinforcement learning for adaptive optimal control of unknown continuous-time nonlinear systems with input constraints. International Journal of Control, 2014, 87, 553-566.	1.9	159
18	Event-Based Robust Control for Uncertain Nonlinear Systems Using Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 37-50.	11.3	155

#	ARTICLE	IF	CITATIONS
19	Self-Learning Optimal Regulation for Discrete-Time Nonlinear Systems Under Event-Driven Formulation. IEEE Transactions on Automatic Control, 2020, 65, 1272-1279.	5.7	148
20	Novel iterative neural dynamic programming for data-based approximate optimal control design. Automatica, 2017, 81, 240-252.	5.0	147
21	Neural-Network-Based Optimal Control for a Class of Unknown Discrete-Time Nonlinear Systems Using Globalized Dual Heuristic Programming. IEEE Transactions on Automation Science and Engineering, 2012, 9, 628-634.	5.2	145
22	Policy Gradient Adaptive Dynamic Programming for Data-Based Optimal Control. IEEE Transactions on Cybernetics, 2017, 47, 3341-3354.	9.5	145
23	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. IEEE Transactions on Industrial Electronics, 2021, 68, 7362-7369.	7.9	135
24	Neural-network-based robust optimal control design for a class of uncertain nonlinear systems via adaptive dynamic programming. Information Sciences, 2014, 282, 167-179.	6.9	133
25	The intelligent critic framework for advanced optimal control. Artificial Intelligence Review, 2022, 55, 1-22.	15.7	131
26	Neural-Network-Based Distributed Adaptive Robust Control for a Class of Nonlinear Multiagent Systems With Time Delays and External Noises. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 750-758.	9.3	129
27	Intelligent Optimal Control With Critic Learning for a Nonlinear Overhead Crane System. IEEE Transactions on Industrial Informatics, 2018, 14, 2932-2940.	11.3	129
28	Decentralized Control for Large-Scale Nonlinear Systems With Unknown Mismatched Interconnections via Policy Iteration. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1725-1735.	9.3	129
29	An Approximate Optimal Control Approach for Robust Stabilization of a Class of Discrete-Time Nonlinear Systems With Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 713-717.	9.3	128
30	Neural-network-observer-based optimal control for unknown nonlinear systems using adaptive dynamic programming. International Journal of Control, 2013, 86, 1554-1566.	1.9	116
31	Adaptive Neural Output-Feedback Control for a Class of Nonlower Triangular Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3658-3668.	11.3	116
32	An iterative adaptive dynamic programming algorithm for optimal control of unknown discrete-time nonlinear systems with constrained inputs. Information Sciences, 2013, 220, 331-342.	6.9	115
33	A Novel Neural-Network-Based Adaptive Control Scheme for Output-Constrained Stochastic Switched Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 418-432.	9.3	113
34	Event-Driven Adaptive Robust Control of Nonlinear Systems With Uncertainties Through NDP Strategy. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1358-1370.	9.3	111
35	On Mixed Data and Event Driven Design for Adaptive-Critic-Based Nonlinear H_{∞} Control. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 993-1005.	11.3	108
36	Guaranteed cost neural tracking control for a class of uncertain nonlinear systems using adaptive dynamic programming. Neurocomputing, 2016, 198, 80-90.	5.9	102

#	ARTICLE	IF	CITATIONS
37	Model-Free Adaptive Control for Unknown Nonlinear Zero-Sum Differential Game. IEEE Transactions on Cybernetics, 2018, 48, 1633-1646.	9.5	90
38	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.	7.9	83
39	Event-Driven Nonlinear Discounted Optimal Regulation Involving a Power System Application. IEEE Transactions on Industrial Electronics, 2017, 64, 8177-8186.	7.9	83
40	Learning and Guaranteed Cost Control With Event-Based Adaptive Critic Implementation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6004-6014.	11.3	83
41	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.	7.9	83
42	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.	11.3	83
43	Full-range adaptive cruise control based on supervised adaptive dynamic programming. Neurocomputing, 2014, 125, 57-67.	5.9	81
44	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. IEEE Transactions on Cybernetics, 2022, 52, 77-86.	9.5	78
45	Neural Network Learning and Robust Stabilization of Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1342-1351.	11.3	77
46	Improving the Critic Learning for Event-Based Nonlinear H_{∞} Control Design. IEEE Transactions on Cybernetics, 2017, 47, 3417-3428.	9.5	72
47	Discounted Iterative Adaptive Critic Designs With Novel Stability Analysis for Tracking Control. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1262-1272.	13.1	72
48	Event-Triggered Adaptive Critic Control Design for Discrete-Time Constrained Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3158-3168.	9.3	71
49	Model-Free Optimal Control for Affine Nonlinear Systems With Convergence Analysis. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1461-1468.	5.2	70
50	Data-driven controller design for general MIMO nonlinear systems via virtual reference feedback tuning and neural networks. Neurocomputing, 2016, 171, 815-825.	5.9	66
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.	9.5	62
52	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.	11.3	59
53	Data-based robust optimal control of continuous-time affine nonlinear systems with matched uncertainties. Information Sciences, 2016, 366, 121-133.	6.9	58
54	Adaptive Decentralized Asymptotic Tracking Control for Large-Scale Nonlinear Systems With Unknown Strong Interconnections. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 173-186.	13.1	56

#	ARTICLE	IF	CITATIONS
55	Neuro-optimal control for a class of unknown nonlinear dynamic systems using SN-DHP technique. Neurocomputing, 2013, 121, 218-225.	5.9	55
56	Discrete-time online learning control for a class of unknown nonaffine nonlinear systems using reinforcement learning. Neural Networks, 2014, 55, 30-41.	5.9	53
57	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. Neural Networks, 2018, 97, 11-18.	5.9	53
58	Control-Limited Adaptive Dynamic Programming for Multi-Battery Energy Storage Systems. IEEE Transactions on Smart Grid, 2019, 10, 4235-4244.	9.0	53
59	Neural-network-based decentralized control of continuous-time nonlinear interconnected systems with unknown dynamics. Neurocomputing, 2015, 165, 90-98.	5.9	48
60	Decentralized guaranteed cost control of interconnected systems with uncertainties: A learning-based optimal control strategy. Neurocomputing, 2016, 214, 297-306.	5.9	48
61	Event-based input-constrained nonlinear H^∞ state feedback with adaptive critic and neural implementation. Neurocomputing, 2016, 214, 848-856.	5.9	45
62	Centralized and decentralized event-triggered control for group consensus with fixed topology in continuous time. Neurocomputing, 2015, 161, 267-276.	5.9	42
63	Distributed control algorithm for bipartite consensus of the nonlinear time-delayed multi-agent systems with neural networks. Neurocomputing, 2016, 174, 928-936.	5.9	42
64	Data-based Self-learning Optimal Control: Research Progress and Prospects. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 1858.	0.3	41
65	Event-Based Constrained Robust Control of Affine Systems Incorporating an Adaptive Critic Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1602-1612.	9.3	40
66	Model-Free H^∞ Optimal Tracking Control of Constrained Nonlinear Systems via an Iterative Adaptive Learning Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4097-4108.	9.3	39
67	Neural optimal tracking control of constrained nonaffine systems with a wastewater treatment application. Neural Networks, 2021, 143, 121-132.	5.9	39
68	Neural robust stabilization via event-triggering mechanism and adaptive learning technique. Neural Networks, 2018, 102, 27-35.	5.9	37
69	Intelligent Critic Control With Robustness Guarantee of Disturbed Nonlinear Plants. IEEE Transactions on Cybernetics, 2020, 50, 2740-2748.	9.5	36
70	Dual iterative adaptive dynamic programming for a class of discrete-time nonlinear systems with time-delays. Neural Computing and Applications, 2013, 23, 1851-1863.	5.6	35
71	Neural-network-based adaptive guaranteed cost control of nonlinear dynamical systems with matched uncertainties. Neurocomputing, 2017, 245, 46-54.	5.9	35
72	Approximate neural optimal control with reinforcement learning for a torsional pendulum device. Neural Networks, 2019, 117, 1-7.	5.9	35

#	ARTICLE	IF	CITATIONS
73	Generalized value iteration for discounted optimal control with stability analysis. Systems and Control Letters, 2021, 147, 104847.	2.3	35
74	Adaptive tracking control for a class of continuous-time uncertain nonlinear systems using the approximate solution of HJB equation. Neurocomputing, 2017, 260, 432-442.	5.9	32
75	Robust Policy Learning Control of Nonlinear Plants With Case Studies for a Power System Application. IEEE Transactions on Industrial Informatics, 2020, 16, 1733-1741.	11.3	32
76	Intelligent optimal tracking with asymmetric constraints of a nonlinear wastewater treatment system. International Journal of Robust and Nonlinear Control, 2021, 31, 6773-6787.	3.7	32
77	Robust adaptive critic control design with network-based event-triggered formulation. Nonlinear Dynamics, 2017, 90, 2023-2035.	5.2	31
78	Policy Gradient Adaptive Critic Design With Dynamic Prioritized Experience Replay for Wastewater Treatment Process Control. IEEE Transactions on Industrial Informatics, 2022, 18, 3150-3158.	11.3	31
79	A neural-network-based iterative GDHP approach for solving a class of nonlinear optimal control problems with control constraints. Neural Computing and Applications, 2013, 22, 219-227.	5.6	30
80	Feature selection and feature learning for high-dimensional batch reinforcement learning: A survey. International Journal of Automation and Computing, 2015, 12, 229-242.	4.5	28
81	Event-triggered constrained control with DHP implementation for nonaffine discrete-time systems. Information Sciences, 2020, 519, 110-123.	6.9	28
82	Adaptive near-optimal controllers for nonlinear decentralised feedback stabilisation problems. IET Control Theory and Applications, 2017, 11, 799-806.	2.1	26
83	Offline and Online Adaptive Critic Control Designs With Stability Guarantee Through Value Iteration. IEEE Transactions on Cybernetics, 2022, 52, 13262-13274.	9.5	26
84	A neural-network-based online optimal control approach for nonlinear robust decentralized stabilization. Soft Computing, 2016, 20, 707-716.	3.6	25
85	Adaptive Critic for Event-Triggered Unknown Nonlinear Optimal Tracking Design With Wastewater Treatment Applications. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6276-6288.	11.3	24
86	Error Bound Analysis of Q^* -Function for Discounted Optimal Control Problems With Policy Iteration. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1207-1216.	9.3	23
87	Bounded robust control design for uncertain nonlinear systems using single-network adaptive dynamic programming. Neurocomputing, 2017, 266, 128-140.	5.9	23
88	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. Soft Computing, 2018, 22, 2705-2715.	3.6	23
89	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.	11.3	23
90	A novel decomposition-based multiobjective evolutionary algorithm using improved multiple adaptive dynamic selection strategies. Information Sciences, 2021, 556, 472-494.	6.9	22

#	ARTICLE	IF	CITATIONS
91	System Stability of Learning-Based Linear Optimal Control With General Discounted Value Iteration. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6504-6514.	11.3	22
92	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.	5.5	21
93	Data-Based Optimal Control for Weakly Coupled Nonlinear Systems Using Policy Iteration. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 511-521.	9.3	20
94	Manifold Regularized Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 932-943.	11.3	20
95	Self-Learning Robust Control Synthesis and Trajectory Tracking of Uncertain Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 278-286.	9.5	19
96	Adaptive neural tracking control of high-order nonlinear systems with quantized input. Neurocomputing, 2021, 456, 156-167.	5.9	19
97	Data-Based Nonaffine Optimal Tracking Control Using Iterative DHP Approach. IFAC-PapersOnLine, 2020, 53, 4246-4251.	0.9	19
98	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. IEEE Transactions on Evolutionary Computation, 2022, 26, 542-554.	10.0	19
99	Developing nonlinear adaptive optimal regulators through an improved neural learning mechanism. Science China Information Sciences, 2017, 60, 1.	4.3	18
100	Adaptive-critic-based hybrid intelligent optimal tracking for a class of nonlinear discrete-time systems. Engineering Applications of Artificial Intelligence, 2021, 105, 104443.	8.1	18
101	Neural-network-based discounted optimal control via an integrated value iteration with accuracy guarantee. Neural Networks, 2021, 144, 176-186.	5.9	16
102	Dynamic multi-objective intelligent optimal control toward wastewater treatment processes. Science China Technological Sciences, 2022, 65, 569-580.	4.0	16
103	A novel neural optimal control framework with nonlinear dynamics: Closed-loop stability and simulation verification. Neurocomputing, 2017, 266, 353-360.	5.9	15
104	Improved value iteration for neural-network-based stochastic optimal control design. Neural Networks, 2020, 124, 280-295.	5.9	15
105	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.	11.3	15
106	A Novel Value Iteration Scheme With Adjustable Convergence Rate. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7430-7442.	11.3	15
107	Direct adaptive control for a class of discrete-time unknown nonaffine nonlinear systems using neural networks. International Journal of Robust and Nonlinear Control, 2015, 25, 1844-1861.	3.7	14
108	Advanced policy learning near-optimal regulation. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 743-749.	13.1	14

#	ARTICLE	IF	CITATIONS
109	Data-based composite control design with critic intelligence for a wastewater treatment platform. Artificial Intelligence Review, 2020, 53, 3773-3785.	15.7	13
110	Adaptive critic optimization to decentralized event-triggered control of continuous-time nonlinear interconnected systems. Optimal Control Applications and Methods, 2022, 43, 198-212.	2.1	13
111	Neural critic learning toward robust dynamic stabilization. International Journal of Robust and Nonlinear Control, 2020, 30, 2020-2032.	3.7	12
112	Neuro-Optimal Trajectory Tracking With Value Iteration of Discrete-Time Nonlinear Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4237-4248.	11.3	12
113	Terrain recognition improves the performance of neural-machine interface for locomotion mode recognition. , 2013, , .		11
114	Asymptotically stable critic designs for approximate optimal stabilization of nonlinear systems subject to mismatched external disturbances. Neurocomputing, 2020, 396, 201-208.	5.9	11
115	Neuro-Optimal Control for Discrete Stochastic Processes via a Novel Policy Iteration Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3972-3985.	9.3	10
116	Discounted near-optimal regulation of constrained nonlinear systems via generalized value iteration. International Journal of Robust and Nonlinear Control, 2021, 31, 8481-8503.	3.7	9
117	Stability and Admissibility Analysis for Zero-Sum Games Under General Value Iteration Formulation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8707-8718.	11.3	8
118	Adaptive dynamic programming for infinite horizon optimal robust guaranteed cost control of a class of uncertain nonlinear systems. , 2015, , .		7
119	Online Value Iteration for Intelligent Discounted Tracking Design of Constrained Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3829-3833.	3.0	7
120	Finite-horizon neural optimal tracking control for a class of nonlinear systems with unknown dynamics. , 2012, , .		6
121	Constrained online optimal control for continuous-time nonlinear systems using neuro-dynamic programming. , 2014, , .		6
122	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.	3.6	6
123	Output-based high-order bipartite consensus under directed antagonistic networks. , 2014, , .		6
124	Adaptive-critic-based event-driven nonlinear robust state feedback. , 2016, , .		6
125	Time-/Event-Triggered Adaptive Neural Asymptotic Tracking Control of Nonlinear Interconnected Systems With Unmodeled Dynamics and Prescribed Performance. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6557-6567.	11.3	6
126	Value-Iteration-Based affine nonlinear optimal control involving admissibility discussion. International Journal of Robust and Nonlinear Control, 2022, 32, 7290-7303.	3.7	6

#	ARTICLE	IF	CITATIONS
127	Data-driven iterative adaptive dynamic programming algorithm for approximate optimal control of unknown nonlinear systems. , 2014, , .		5
128	Distributed algorithm for dissensus of a class of networked multiagent systems using output information. Soft Computing, 2018, 22, 273-282.	3.6	5
129	Long short-term memory based on a reward/punishment strategy for recurrent neural networks. , 2017, , .		4
130	Connectivity preserved nonlinear time-delayed multiagent systems using neural networks and event-based mechanism. Neural Computing and Applications, 2018, 29, 361-369.	5.6	4
131	Adaptation-Oriented Near-Optimal Control and Robust Synthesis of an Overhead Crane System. Lecture Notes in Computer Science, 2017, , 42-50.	1.3	4
132	Continuous-time group consensus using distributed event-triggered control. , 2015, , .		3
133	Approximate policy iteration with unsupervised feature learning based on manifold regularization. , 2015, , .		3
134	Overview of Adaptive Dynamic Programming. Advances in Industrial Control, 2017, , 1-33.	0.5	3
135	Value Iteration ADP for Discrete-Time Nonlinear Systems. Advances in Industrial Control, 2017, , 37-90.	0.5	3
136	Adaptive critic designs for solving event-based H_∞ control problems. , 2017, , .		3
137	Connectivity preservation of second-order nonlinear multiagent systems with hybrid event-driven and time-driven control. International Journal of Systems Science, 2018, 49, 1368-1382.	5.5	3
138	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.	11.3	3
139	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.	5.5	3
140	Robust optimal control for a class of nonlinear dynamic systems using single network adaptive dynamic programming. , 2014, , .		2
141	Data-driven virtual reference controller design for high-order nonlinear systems via neural network. , 2015, , .		2
142	Learning Algorithms for Differential Games of Continuous-Time Systems. Advances in Industrial Control, 2017, , 417-480.	0.5	2
143	Robust frequency control design on micro-grid with unknown dead-zone nonlinearity. , 2017, , .		2
144	Distributed Control for Nonlinear Time-Delayed Multi-Agent Systems with Connectivity Preservation Using Neural Networks. Lecture Notes in Computer Science, 2015, , 34-42.	1.3	2

#	ARTICLE	IF	CITATIONS
145	Mixed Driven Iterative Adaptive Critic Control Design Towards Nonaffine Discrete-Time Plants. IFAC-PapersOnLine, 2020, 53, 3803-3808.	0.9	2
146	H ∞ control of unknown discrete-time nonlinear systems with control constraints using adaptive dynamic programming. , 2012, , .		1
147	Online learning optimal control for decentralized stabilization of nonlinear interconnected systems. , 2013, , .		1
148	Decentralized control for a class of nonlinear interconnected systems using integral policy iteration. , 2014, , .		1
149	A novel self-learning optimal control approach for decentralized guaranteed cost control of a class of complex nonlinear systems. , 2015, , .		1
150	Distributed control of second-order nonlinear time-delayed multiagent systems with disturbance using neural networks. , 2016, , .		1
151	Optimal Control of Unknown Continuous-Time Nonaffine Nonlinear Systems. Advances in Industrial Control, 2017, , 309-344.	0.5	1
152	Neural network adaptive critic control with disturbance rejection. , 2017, , .		1
153	Neural adaptive control of microgrid frequency regulation with wind power. , 2017, , .		1
154	Adaptive Event-Based Control for Discrete-Time Nonaffine Systems with Constrained Inputs. , 2018, , .		1
155	ADP-Based Supplementary Design for Load Frequency Control of Power Systems. Studies in Systems, Decision and Control, 2019, , 281-304.	1.0	1
156	Event-Triggered Adaptive Dynamic Programming for Uncertain Nonlinear Systems. Communications in Computer and Information Science, 2017, , 13-26.	0.5	1
157	Fast finite-time adaptive neural fault-tolerant tracking control for multi-input multi-output systems with full-state constraints. International Journal of Adaptive Control and Signal Processing, 0, , .	4.1	1
158	Novel optimal trajectory tracking for nonlinear affine systems with an advanced critic learning structure. Neural Networks, 2022, 154, 131-140.	5.9	1
159	Heuristic dynamic programming-based H ∞ control of discrete-time affine nonlinear systems. , 2012, , .		0
160	Optimal Tracking Control for Discrete-Time Systems. Communications and Control Engineering, 2013, , 109-160.	1.6	0
161	Reinforcement-Learning-Based Online Learning Control for Discrete-Time Unknown Nonaffine Nonlinear Systems. , 2014, , 49-81.		0
162	Policy iteration for optimal control of weakly coupled nonlinear systems with completely unknown dynamics. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
163	Self-learning optimal guaranteed cost control of input-affine continuous-time nonlinear systems under uncertain environment. , 2016, , .		0
164	Neural-network-based robust optimal control of uncertain nonlinear systems using model-free policy iteration algorithm. , 2016, , .		0
165	Decentralized Control of Continuous-Time Interconnected Nonlinear Systems. Advances in Industrial Control, 2017, , 387-415.	0.5	0
166	Data-Based Neuro-Optimal Temperature Control of Water Gas Shift Reaction. Advances in Industrial Control, 2017, , 571-590.	0.5	0
167	Policy Iteration for Optimal Control of Discrete-Time Nonlinear Systems. Advances in Industrial Control, 2017, , 151-175.	0.5	0
168	Error Bounds of Adaptive Dynamic Programming Algorithms. Advances in Industrial Control, 2017, , 223-264.	0.5	0
169	Online Optimal Control of Continuous-Time Affine Nonlinear Systems. Advances in Industrial Control, 2017, , 267-307.	0.5	0
170	Robust and Optimal Guaranteed Cost Control of Continuous-Time Nonlinear Systems. Advances in Industrial Control, 2017, , 345-386.	0.5	0
171	Robust Control of Uncertain Nonlinear Systems Based on Adaptive Dynamic Programming. Lecture Notes in Computer Science, 2017, , 787-796.	1.3	0
172	Adaptive Critic H_∞ Control of Nonlinear Systems With Disturbance and Input Constraints. , 2018, , .		0
173	Adaptive-Learning-Based H_∞ Optimal Tracking Control Design for a Class of Constrained Nonlinear Systems. , 2018, , .		0
174	Local Tracking Control for Unknown Interconnected Systems via Neuro-Dynamic Programming. Lecture Notes in Computer Science, 2018, , 258-268.	1.3	0
175	Data-driven policy learning strategy for nonlinear robust control with unknown perturbation. , 2018, , .		0
176	Robust Optimal Control of Nonlinear Systems with Matched Uncertainties. Studies in Systems, Decision and Control, 2019, , 45-84.	1.0	0
177	Observer-Based Online Adaptive Regulation for a Class of Uncertain Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 85-115.	1.0	0
178	Adaptive Tracking Control of Nonlinear Systems Subject to Matched Uncertainties. Studies in Systems, Decision and Control, 2019, , 117-144.	1.0	0
179	Event-Triggered Robust Stabilization Incorporating an Adaptive Critic Mechanism. Studies in Systems, Decision and Control, 2019, , 145-172.	1.0	0
180	Event-Triggered Nonlinear H_∞ Control Design via an Improved Critic Learning Strategy. Studies in Systems, Decision and Control, 2019, , 229-255.	1.0	0

#	ARTICLE	IF	CITATIONS
181	Intelligent Critic Control with Disturbance Attenuation for a Micro-Grid System. Studies in Systems, Decision and Control, 2019, , 257-280.	1.0	0
182	Robust Stabilization and Trajectory Tracking of General Uncertain Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 199-227.	1.0	0
183	Overview of Robust Adaptive Critic Control Design. Studies in Systems, Decision and Control, 2019, , 1-43.	1.0	0
184	An Improved Adaptive Optimal Regulation Framework with Robust Control Synthesis. Studies in Systems, Decision and Control, 2019, , 173-197.	1.0	0
185	Neural-Network-Based Self-Learning Disturbance Rejection Design for Continuous-Time Nonlinear Constrained Systems. , 2021, , .		0
186	Event-Driven Optimal Regulation with SNAC Framework for Constrained Nonlinear Plants. , 2021, , .		0
187	Data-Based Iterative DHP Optimal Tracking Control with a Wastewater Treatment Application. , 2021, , .		0
188	Decentralized Stabilization for Nonlinear Systems with Unknown Mismatched Interconnections. Lecture Notes in Computer Science, 2016, , 185-192.	1.3	0
189	Neural Dynamic Programming for Event-Based Nonlinear Adaptive Robust Stabilization. Lecture Notes in Computer Science, 2016, , 149-157.	1.3	0
190	Improved Adaptive Critic for Neural Optimal Control of Constrained Nonlinear Discrete-Time Systems. , 2020, , .		0
191	Model-Free Off-Policy Iterative Adaptive Dynamic Programming for Nitrate-Nitrogen Concentration Control. , 2021, , .		0
192	Neural Optimal Control for Discrete-Time Asymmetric Constrained Nonlinear Systems via DHP Technique. , 2021, , .		0
193	A Neural Policy Learning Method for Robust Stabilization of Uncertain Nonlinear Systems. , 2020, , .		0
194	Event-Triggered Intelligent Critic Design for Constrained Nonaffine Nonzero-Sum Games. , 2021, , .		0
195	Generalized Value Iteration for Nonaffine Adaptive Tracking Control with Application to a Wastewater Treatment System. , 2021, , .		0
196	Neural-network-based constrained optimal coordination for heterogeneous uncertain nonlinear multi-agent systems. International Journal of Robust and Nonlinear Control, 0, , .	3.7	0