# Event-Triggered Optimal Control for Partially Unknown Adaptive Dynamic Programming

Citation Report

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Event-Triggered Sliding-Mode Control for Multi-Area Power Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 6732-6741. | 5.2 | 149 |
| 2 | Adaptive Critic Nonlinear Robust Control: A Survey. IEEE Transactions on Cybernetics, 2017, 47, 3429-3451. | 6.2 | 287 |
| 3 | Event-triggered integral reinforcement learning for nonlinear continuous-time systems. , 2017, , . | | 3 |
| 4 | An adaptive critic approach to event‐triggered robust control of nonlinear systems with unmatched uncertainties. International Journal of Robust and Nonlinear Control, 2018, 28, 3501-3519. | 2.1 | 13 |
| 5 | Iterative ADP learning algorithms for discrete-time multi-player games. Artificial Intelligence Review, 2018, 50, 75-91. | 9.7 | 57 |
| 6 | Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. Neurocomputing, 2018, 307, 54-60. | 3.5 | 33 |
| 7 | Adaptive Dynamic Programming for Robust Regulation and Its Application to Power Systems. IEEE Transactions on Industrial Electronics, 2018, 65, 5722-5732. | 5.2 | 63 |
| 8 | Policy Iteration for $H_\infty$ Optimal Control of Polynomial Nonlinear Systems via Sum of Squares Programming. IEEE Transactions on Cybernetics, 2018, 48, 500-509. | 6.2 | 57 |
| 9 | Adaptive Constrained Optimal Control Design for Data-Based Nonlinear Discrete-Time Systems With Critic-Only Structure. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2099-2111. | 7.2 | 86 |
| 10 | Event-driven optimal control for uncertain nonlinear systems with external disturbance via adaptive dynamic programming. Neurocomputing, 2018, 281, 188-195. | 3.5 | 26 |
| 11 | Event-Triggered Adaptive Dynamic Programming for Continuous-Time Nonlinear Two-Player Zero-Sum Game. Lecture Notes in Computer Science, 2018, , 15-25. | 1.0 | 1 |
| 12 | A Gradient-Based Reinforcement Learning Algorithm for Multiple Cooperative Agents. IEEE Access, 2018, 6, 70223-70235. | 2.6 | 8 |
| 13 | An event-triggered ADP controller for single link robot arm system based on output position. , 2018, , . | | 4 |
| 14 | Data-Based Reinforcement Learning for Nonzero-Sum Games With Unknown Drift Dynamics. IEEE Transactions on Cybernetics, 2019, 49, 2874-2885. | 6.2 | 78 |
| 15 | Near-Optimal Resilient Control Strategy Design for State-Saturated Networked Systems Under Stochastic Communication Protocol. IEEE Transactions on Cybernetics, 2019, 49, 3155-3167. | 6.2 | 55 |
| 16 | Robust Stabilization and Trajectory Tracking of General Uncertain Nonlinear Systems. Studies in Systems, Decision and Control, 2019, , 199-227. | 0.8 | 0 |
| 17 | Overview of Robust Adaptive Critic Control Design. Studies in Systems, Decision and Control, 2019, , 1-43. | 0.8 | 0 |
| 18 | Control-Limited Adaptive Dynamic Programming for Multi-Battery Energy Storage Systems. IEEE Transactions on Smart Grid, 2019, 10, 4235-4244. | 6.2 | 53 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Optimal Codesign of Control Input and Triggering Instants for Networked Control Systems Using Adaptive Dynamic Programming. IEEE Transactions on Industrial Electronics, 2019, 66, 482-490. | 5.2 | 24 |
| 20 | Event-triggered Hˆž optimal control for continuous-time nonlinear systems using neurodynamic programming. Neurocomputing, 2019, 360, 14-24. | 3.5 | 23 |
| 21 | Event-triggered adaptive optimal control using output feedback: An adaptive dynamic programming approach. , 2019, , . | | 4 |
| 22 | Adaptive Sampling Dual Heuristic Dynamic Programming for Rare Earth Extraction Process. IEEE Access, 2019, 7, 152968-152978. | 2.6 | 1 |
| 23 | Online event-triggered adaptive critic design for non-zero-sum games of partially unknown networked systems. Neurocomputing, 2019, 368, 84-98. | 3.5 | 25 |
| 24 | Optimized Event-Triggered and Self-Triggered Control for Linear Systems. , 2019, , . | | 4 |
| 25 | Event-triggered differentially private average consensus for multi-agent network. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 75-83. | 8.5 | 40 |
| 26 | Event-triggered optimal consensus tracking control for multi-agent systems with unknown internal states and disturbances. Nonlinear Analysis: Hybrid Systems, 2019, 33, 227-248. | 2.1 | 37 |
| 27 | Event-triggered single-network ADP method for constrained optimal tracking control of continuous-time non-linear systems. Applied Mathematics and Computation, 2019, 352, 220-234. | 1.4 | 31 |
| 28 | Event-trigger-based robust control for nonlinear constrained-input systems using reinforcement learning method. Neurocomputing, 2019, 340, 158-170. | 3.5 | 41 |
| 29 | Self-Triggered Tracking Control for Continuous-Time MIMO Nonlinear Systems. , 2019, , . | | 0 |
| 30 | Data-Based Optimal Tracking Control for Natural Gas Desulfurization System. IEEE Access, 2019, 7, 155825-155834. | 2.6 | 4 |
| 31 | Parameter Estimation and an Extended Predictive-Based Tuning Method for a Lab-Scale Distillation Column. ACS Omega, 2019, 4, 21230-21241. | 1.6 | 13 |
| 32 | Data-Driven Approximated Optimal Control for Chemical Processes with State and Input Constraints. Complexity, 2019, 2019, 1-11. | 0.9 | 0 |
| 33 | Event-Triggered Hˆž Tracking Control of Nonlinear Systems via Reinforcement Learning Method. , 2019, , . | | 3 |
| 34 | Approximate-optimal control algorithm for constrained zero-sum differential games through event-triggering mechanism. Nonlinear Dynamics, 2019, 95, 2639-2657. | 2.7 | 37 |
| 35 | Active vibration control of underactuated free-floating spacecraft via a performance enhanced way. Acta Astronautica, 2019, 157, 477-488. | 1.7 | 11 |
| 36 | Output Tracking Control Based on Adaptive Dynamic Programming With Multistep Policy Evaluation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2155-2165. | 5.9 | 56 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Adaptive Optimal Control of Heterogeneous CACC System With Uncertain Dynamics. IEEE Transactions on Control Systems Technology, 2019, 27, 1772-1779. | 3.2 | 78 |
| 38 | Event-Triggered Optimal Neuro-Controller Design With Reinforcement Learning for Unknown Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1866-1878. | 5.9 | 71 |
| 39 | Adaptive Critic Designs for Event-Triggered Robust Control of Nonlinear Systems With Unknown Dynamics. IEEE Transactions on Cybernetics, 2019, 49, 2255-2267. | 6.2 | 118 |
| 40 | Event-Triggered Reinforcement Learning-Based Adaptive Tracking Control for Completely Unknown Continuous-Time Nonlinear Systems. IEEE Transactions on Cybernetics, 2020, 50, 3231-3242. | 6.2 | 35 |
| 41 | Adaptive dynamic programming based event-triggered control for unknown continuous-time nonlinear systems with input constraints. Neurocomputing, 2020, 396, 191-200. | 3.5 | 35 |
| 42 | Invariant Adaptive Dynamic Programming for Discrete-Time Optimal Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3959-3971. | 5.9 | 30 |
| 43 | Event-Triggered Optimal Control With Performance Guarantees Using Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 76-88. | 7.2 | 125 |
| 44 | Event-Triggered Robust Stabilization of Nonlinear Input-Constrained Systems Using Single Network Adaptive Critic Designs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3145-3157. | 5.9 | 56 |
| 45 | Distributed $H_\infty$ Optimal Tracking Control for Strict-Feedback Nonlinear Large-Scale Systems With Disturbances and Saturating Actuators. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4719-4731. | 5.9 | 37 |
| 46 | Neural network based integral sliding mode optimal flight control of near space hypersonic vehicle. Neurocomputing, 2020, 379, 41-52. | 3.5 | 42 |
| 47 | Deep Reinforcement Learning-Based Automatic Exploration for Navigation in Unknown Environment. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2064-2076. | 7.2 | 107 |
| 48 | Neural-Network-Based Consensus Control for Multiagent Systems With Input Constraints: The Event-Triggered Case. IEEE Transactions on Cybernetics, 2020, 50, 3719-3730. | 6.2 | 85 |
| 49 | Adaptive Control by Regulation-Triggered Batch Least Squares. IEEE Transactions on Automatic Control, 2020, 65, 2842-2855. | 3.6 | 22 |
| 50 | Integral reinforcement learning-based online adaptive event-triggered control for non-zero-sum games of partially unknown nonlinear systems. Neurocomputing, 2020, 377, 243-255. | 3.5 | 41 |
| 51 | Event-Triggered Integral Sliding-Mode Control for Nonlinear Constrained-Input Systems With Disturbances via Adaptive Dynamic Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4086-4096. | 5.9 | 61 |
| 52 | Event-triggered ADP control of a class of non-affine continuous-time nonlinear systems using output information. Neurocomputing, 2020, 378, 304-314. | 3.5 | 11 |
| 53 | Event-trigger-based adaptive output feedback approximately optimal tracking control of a class of MIMO non-affine nonlinear systems. Journal of the Franklin Institute, 2020, 357, 1734-1763. | 1.9 | 10 |
| 54 | Reinforcement Learning-Based Optimal Stabilization for Unknown Nonlinear Systems Subject to Inputs With Uncertain Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4330-4340. | 7.2 | 100 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 55 | Reinforcement Learning-Based Nearly Optimal Control for Constrained-Input Partially Unknown Systems Using Differentiator. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4713-4725. | 7.2 | 12 |
| 56 | Parallel Optimal Tracking Control Schemes for Mode-Dependent Control of Coupled Markov Jump Systems via Integral RL Method. IEEE Transactions on Automation Science and Engineering, 2020, , 1-11. | 3.4 | 22 |
| 57 | Event-triggered Multi-agent Optimal Regulation Using Adaptive Dynamic Programming. , 2020, , . |  | 2 |
| 58 | Fault tolerant tracking control for nonlinear systems with actuator failures through particle swarm optimization-based adaptive dynamic programming. Applied Soft Computing Journal, 2020, 97, 106766. | 4.1 | 20 |
| 59 | Event-triggered reinforcement learning control for the quadrotor UAV with actuator saturation. Neurocomputing, 2020, 415, 135-145. | 3.5 | 32 |
| 60 | Dynamic Event-Triggering Neural Learning Control for Partially Unknown Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 2200-2213. | 6.2 | 50 |
| 61 | Integral reinforcement learning based event-triggered control with input saturation. Neural Networks, 2020, 131, 144-153. | 3.3 | 19 |
| 62 | Event-Triggered Adaptive Optimal Control With Output Feedback: An Adaptive Dynamic Programming Approach. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5208-5221. | 7.2 | 28 |
| 63 | Reinforcement Learning-Based Optimal Tracking Control of an Unknown Unmanned Surface Vehicle. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3034-3045. | 7.2 | 108 |
| 64 | Optimal Leader–Follower Consensus for Constrained-Input Multiagent Systems With Completely Unknown Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1182-1191. | 5.9 | 20 |
| 65 | Distributed Optimal Coordination Control for Continuous-Time Nonlinear Multi-Agent Systems With Input Constraints. , 2020, , . |  | 1 |
| 66 | Optimal Control for Aluminum Electrolysis Process Using Adaptive Dynamic Programming. IEEE Access, 2020, 8, 220374-220383. | 2.6 | 1 |
| 67 | Receding-Horizon Actor-Critic Design for Learning-Based Control of Nonlinear Continuous-time Systems. , 2020, , . |  | 1 |
| 68 | Constrained Event-Triggered $H_\infty$ Control Based on Adaptive Dynamic Programming With Concurrent Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 357-369. | 5.9 | 51 |
| 69 | Optimal neuro-control strategy for nonlinear systems with asymmetric input constraints. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 575-583. | 8.5 | 32 |
| 70 | Event-Driven $H_\infty$-Constrained Control Using Adaptive Critic Learning. IEEE Transactions on Cybernetics, 2021, 51, 4860-4872. | 6.2 | 48 |
| 71 | Event-Based Control: A Bibliometric Analysis of Twenty Years of Research. IEEE Access, 2020, 8, 47188-47208. | 2.6 | 20 |
| 72 | Adaptive periodic event-triggered control for missile-target interception system with finite-horizon convergence. Transactions of the Institute of Measurement and Control, 2020, 42, 1808-1822. | 1.1 | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 73 | A Scheme for Simultaneous Optimal Tracking Control and Experiment Design. IEEE Access, 2020, 8, 25364-25371. | 2.6 | 2 |
| 74 | A model-based deep reinforcement learning method applied to finite-horizon optimal control of nonlinear control-affine system. Journal of Process Control, 2020, 87, 166-178. | 1.7 | 41 |
| 75 | Safe Intermittent Reinforcement Learning With Static and Dynamic Event Generators. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5441-5455. | 7.2 | 56 |
| 76 | Online optimal and adaptive integral tracking control for varying discrete‐time systems using reinforcement learning. International Journal of Adaptive Control and Signal Processing, 2020, 34, 971-991. | 2.3 | 7 |
| 77 | Self-Learning Robust Control Synthesis and Trajectory Tracking of Uncertain Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 278-286. | 6.2 | 19 |
| 78 | Controller Optimization for Multirate Systems Based on Reinforcement Learning. International Journal of Automation and Computing, 2020, 17, 417-427. | 4.5 | 6 |
| 79 | Adaptive Critic Learning for Constrained Optimal Event-Triggered Control With Discounted Cost. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 91-104. | 7.2 | 45 |
| 80 | Reduced-Order Observer-Based Dynamic Event-Triggered Adaptive NN Control for Stochastic Nonlinear Systems Subject to Unknown Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1678-1690. | 7.2 | 102 |
| 81 | Event-Triggered Distributed $H_\infty$ Constrained Control of Physically Interconnected Large-Scale Partially Unknown Strict-Feedback Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2444-2456. | 5.9 | 28 |
| 82 | A trend-based event-triggering fuzzy controller for the stabilizing control of a large-scale zinc roaster. Journal of Process Control, 2021, 97, 59-71. | 1.7 | 19 |
| 83 | A novel active fault-tolerant control for spacecrafts with full state constraints and input saturation. Aerospace Science and Technology, 2021, 108, 106368. | 2.5 | 41 |
| 84 | Fault-Tolerant Optimal Control for Discrete-Time Nonlinear System Subjected to Input Saturation: A Dynamic Event-Triggered Approach. IEEE Transactions on Cybernetics, 2021, 51, 2956-2968. | 6.2 | 42 |
| 85 | Decentralized Event-Triggered Control for a Class of Nonlinear-Interconnected Systems Using Reinforcement Learning. IEEE Transactions on Cybernetics, 2021, 51, 635-648. | 6.2 | 62 |
| 86 | Adaptive Dynamic Programming for Control: A Survey and Recent Advances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 142-160. | 5.9 | 280 |
| 87 | Online Reinforcement Learning Control by Direct Heuristic Dynamic Programming: From Time-Driven to Event-Driven. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4139-4144. | 7.2 | 5 |
| 88 | Event-Triggered ADP for Tracking Control of Partially Unknown Constrained Uncertain Systems. IEEE Transactions on Cybernetics, 2022, 52, 9001-9012. | 6.2 | 55 |
| 89 | Decentralized Event-Driven Constrained Control Using Adaptive Critic Designs. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5830-5844. | 7.2 | 22 |
| 90 | Data-driven Control of Constrained Systems. Transactions of the Society of Instrument and Control Engineers, 2021, 57, 219-226. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 91 | Event-triggered design for discrete-time nonlinear systems with control constraints. Nonlinear Dynamics, 2021, 103, 2645-2657. | 2.7 | 12 |
| 92 | Neural-Network-Based Control for Discrete-Time Nonlinear Systems with Input Saturation Under Stochastic Communication Protocol. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 766-778. | 8.5 | 58 |
| 93 | Learning-based Event-triggered Adaptive Optimal Output Regulation of Linear Discrete-time Systems. , 2021, , . | | 2 |
| 94 | Event-triggered optimal control for nonlinear stochastic systems via adaptive dynamic programming. Nonlinear Dynamics, 2021, 105, 387-401. | 2.7 | 23 |
| 95 | Output event-triggered tracking synchronization of heterogeneous systems on directed digraph via model-free reinforcement learning. Information Sciences, 2021, 559, 171-190. | 4.0 | 5 |
| 96 | Self-triggered tracking control of underactuated surface vessels with stochastic noise. , 2021, , . | | 1 |
| 97 | An event‑triggered integer‑mixed adaptive dynamic programming for switched nonlinear systems with bounded inputs. International Journal of Robust and Nonlinear Control, 2021, 31, 7280-7297. | 2.1 | 8 |
| 98 | Event-triggered adaptive approximately optimal tracking control of a class of non-affine SISO nonlinear systems via output feedback. International Journal of Systems Science, 2022, 53, 223-239. | 3.7 | 3 |
| 99 | Adaptive dynamic programming‑based event‑triggered optimal tracking control. International Journal of Robust and Nonlinear Control, 2021, 31, 7480-7497. | 2.1 | 16 |
| 100 | Event-triggered output-feedback adaptive tracking control of autonomous underwater vehicles using reinforcement learning. Applied Ocean Research, 2021, 113, 102676. | 1.8 | 21 |
| 101 | Adaptive critic optimization to decentralized event‑triggered control of continuous‑time nonlinear interconnected systems. Optimal Control Applications and Methods, 2022, 43, 198-212. | 1.3 | 13 |
| 102 | Event‑triggered optimal tracking control of multiplayer unknown nonlinear systems via adaptive critic designs. International Journal of Robust and Nonlinear Control, 2022, 32, 29-51. | 2.1 | 9 |
| 103 | Performance‑based optimal control for stochastic nonlinear systems with unknown dead‑zone. Optimal Control Applications and Methods, 2022, 43, 283-303. | 1.3 | 3 |
| 104 | Control of an AUV with completely unknown dynamics and multi-asymmetric input constraints via off-policy reinforcement learning. Neural Computing and Applications, 2022, 34, 5255-5265. | 3.2 | 13 |
| 105 | Event-Triggered Optimized Control for Nonlinear Delayed Stochastic Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3808-3821. | 3.5 | 19 |
| 106 | State consensus cooperative control for a class of nonlinear multi-agent systems with output constraints via ADP approach. Neurocomputing, 2021, 458, 284-296. | 3.5 | 9 |
| 107 | Observer-based event-triggered control for zero-sum games of input constrained multi-player nonlinear systems. Neural Networks, 2021, 144, 101-112. | 3.3 | 18 |
| 108 | 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. | 7.2 | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 109 | Event-Triggered Optimal Control for the Continuous Stirred Tank Reactor System. IEEE Transactions on Artificial Intelligence, 2022, 3, 228-237. | 3.4 | 8 |
| 110 | Neural Network Learning and Robust Stabilization of Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1342-1351. | 7.2 | 77 |
| 111 | Off-Policy Reinforcement Learning for Partially Unknown Nonzero-Sum Games. Lecture Notes in Computer Science, 2017, , 822-830. | 1.0 | 0 |
| 112 | Event-Triggered Robust Tracking Controller for Uncertain Nonlinear Systems Using Adaptive Critic. , 2020, , . | | 4 |
| 113 | Constrained Optimal Tracking Control of Unknown Systems: A Multi-Step Linear Programming Approach*. , 2020, , . | | 0 |
| 114 | Event-Triggered Communication Network With Limited-Bandwidth Constraint for Multi-Agent Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3966-3978. | 7.2 | 14 |
| 115 | Event‐triggered distributed $H_\infty$ control of physically interconnected mobile Euler–Lagrange systems with slipping, skidding and dead zone. IET Control Theory and Applications, 2020, 14, 438-451. | 1.2 | 5 |
| 116 | Intermittent Event-Triggered Optimal Leader-Following Consensus for Nonlinear Multi-Agent Systems Via Actor-Critic Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3992-4006. | 7.2 | 10 |
| 117 | Event-Triggered Optimal Control for Temperature Field of Roller Kiln Based on Adaptive Dynamic Programming. IEEE Transactions on Cybernetics, 2023, 53, 2805-2817. | 6.2 | 8 |
| 118 | Optimal Synchronization Control of Heterogeneous Asymmetric Input-Constrained Unknown Nonlinear MASs via Reinforcement Learning. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 520-532. | 8.5 | 20 |
| 119 | Self-Triggered Adaptive NN Tracking Control for a Class of Continuous-Time Nonlinear Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5805-5815. | 5.9 | 2 |
| 120 | Policy Iteration and Event-Triggered Robust Adaptive Dynamic Programming for Large-Scale Systems. IFAC-PapersOnLine, 2021, 54, 376-381. | 0.5 | 2 |
| 121 | Adaptive optimal output regulation of linear discrete-time systems based on event-triggered output-feedback. Automatica, 2022, 137, 110103. | 3.0 | 17 |
| 122 | Event-triggered intelligent critic control with input constraints applied to a nonlinear aeroelastic system. Aerospace Science and Technology, 2022, 120, 107279. | 2.5 | 4 |
| 123 | Quantized optimal output feedback control and optimal triggering signal co‐design for unknown discrete‐time nonlinear systems. Optimal Control Applications and Methods, 2022, 43, 962-978. | 1.3 | 2 |
| 124 | Disturbance observer-based adaptive reinforcement learning for perturbed uncertain surface vessels. ISA Transactions, 2022, 130, 277-292. | 3.1 | 37 |
| 125 | Double-channel event-triggered adaptive optimal control of active suspension systems. Nonlinear Dynamics, 2022, 108, 3435-3448. | 2.7 | 7 |
| 126 | An echo state network based adaptive dynamic programming approach for time-varying parameters optimization with application in algal bloom prediction. Applied Soft Computing Journal, 2022, 122, 108796. | 4.1 | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 127 | Dynamic event-triggered distributed guaranteed cost FTC scheme for nonlinear interconnected systems via ADP approach. Applied Mathematics and Computation, 2022, 425, 127082. | 1.4 | 11 |
| 128 | Online Optimal Event-Triggered <i>H</i>âˆž Control for Nonlinear Systems With Constrained State and Input. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 131-141. | 5.9 | 14 |
| 129 | Event-Triggered Observers and Distributed Hâˆž Control of Physically Interconnected Nonholonomic Mechanical Agents in Harsh Conditions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7871-7884. | 5.9 | 5 |
| 130 | Amplitude-Limited Optimal Control for Robot Manipulators Actuated by Pneumatic Artificial Muscles. , 2022, , . | | 0 |
| 131 | An Integrated Tracking Control Approach Based on Reinforcement Learning for a Continuum Robot in Space Capture Missions. Journal of Aerospace Engineering, 2022, 35, . | 0.8 | 2 |
| 132 | Dynamic Event-Sampled Control of Interconnected Nonlinear Systems Using Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 923-937. | 7.2 | 8 |
| 133 | Event-Triggered Adaptive Hybrid Torque-Position Control (ET-AHTPC) for Robot-Assisted Ankle Rehabilitation. IEEE Transactions on Industrial Electronics, 2023, 70, 4993-5003. | 5.2 | 3 |
| 134 | Event-Triggered Optimal Attitude Consensus of Multiple Rigid Body Networks With Unknown Dynamics. IEEE Transactions on Network Science and Engineering, 2022, 9, 3701-3714. | 4.1 | 3 |
| 135 | Event-triggered-based cooperative game optimal tracking control for modular robot manipulator with constrained input. Nonlinear Dynamics, 2022, 109, 2759-2779. | 2.7 | 7 |
| 136 | Event-Triggered Robust Adaptive Dynamic Programming With Output Feedback for Large-Scale Systems. IEEE Transactions on Control of Network Systems, 2023, 10, 63-74. | 2.4 | 3 |
| 137 | Distributed optimized dynamic event-triggered control for unknown heterogeneous nonlinear MASs with input-constrained. Neural Networks, 2022, 154, 1-12. | 3.3 | 5 |
| 138 | Adaptive Optimal Motion Control of Uncertain Underactuated Mechatronic Systems With Actuator Constraints. IEEE/ASME Transactions on Mechatronics, 2023, 28, 210-222. | 3.7 | 16 |
| 139 | Event-Triggered Robust Control for Fully Cooperative Games of Uncertain Nonlinear Multi-player Systems. , 2022, , . | | 0 |
| 140 | Neural network-based event-triggered integral reinforcement learning for constrained <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> tracking control with experience replay. Neurocomputing, 2022, 513, 25-35. | 3.5 | 6 |
| 141 | Reinforcement Learning-Based Prescribed Performance Motion Control of Pneumatic Muscle Actuated Robotic Arms With Measurement Noises. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 1801-1812. | 5.9 | 7 |
| 142 | Event-triggered-based online integral reinforcement learning for optimal control of unknown constrained nonlinear systems. International Journal of Control, 2024, 97, 213-225. | 1.2 | 3 |
| 143 | Event-triggered adaptive dynamic programming for decentralized tracking control of input constrained unknown nonlinear interconnected systems. Neural Networks, 2023, 157, 336-349. | 3.3 | 8 |
| 144 | Adaptive quadratic optimisation with application to kinematic control of redundant robot manipulators. International Journal of Systems Science, 2023, 54, 717-730. | 3.7 | 2 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 145 | Event‐triggered robust control for multi‐player nonzero‐sum games with input constraints and mismatched uncertainties. International Journal of Robust and Nonlinear Control, 2023, 33, 3086-3106. | 2.1 | 6 |
| 146 | Observer‐based event triggered ADP approach for input‐constrained nonlinear systems with disturbances. International Journal of Robust and Nonlinear Control, 2023, 33, 5179-5197. | 2.1 | 3 |
| 147 | Adaptive critic design for nonlinear multi-player zero-sum games with unknown dynamics and control constraints. Nonlinear Dynamics, 2023, 111, 11671-11683. | 2.7 | 4 |
| 148 | Event-Triggered Output Feedback Control for a Class of Nonlinear Systems via Disturbance Observer and Adaptive Dynamic Programming. IEEE Transactions on Fuzzy Systems, 2023, 31, 3148-3160. | 6.5 | 5 |
| 149 | Policy Iteration for Optimal Control of Discrete-Time Time-Varying Nonlinear Systems. IEEE/CAA Journal of Automatica Sinica, 2023, 10, 781-791. | 8.5 | 4 |
| 150 | Event‐triggered‐based integral reinforcement learning output feedback optimal control for partially unknown constrained‐input nonlinear systems. Asian Journal of Control, 0, , . | 1.9 | 0 |
| 167 | Event-Based Adaptive Dynamic Programming for Hˆž Control Problem of Input-Constrained Nonlinear Systems with Its Application to Power Systems. , 2023, , . | | 0 |