

Dawei Gong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

270
papers

12,044
citations

54
h-index

101
g-index

279
ext. papers

14,588
ext. citations

5.3
avg, IF

7.23
L-index

| # | Paper | IF | Citations |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 270 | A Multi-Sensor Cycle-Supervised Convolutional Neural Networks for Anomaly Detection on Magnetic Flux Leakage Signals. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1 | 11.9 | 5 |
| 269 | Observer-based adaptive control and faults estimation for T-S fuzzy singular fractional order systems. <i>Neural Computing and Applications</i> , 2022 , 34, 4265 | 4.8 | 0 |
| 268 | Neurodynamic Programming and Tracking Control for Nonlinear Stochastic Systems by PI Algorithm. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1 | 3.5 | 3 |
| 267 | Observer-based dynamic event-triggered H _∞ FC for power systems under actuator saturation and deception attack. <i>Applied Mathematics and Computation</i> , 2022 , 420, 126896 | 2.7 | 1 |
| 266 | Event-Triggered Adaptive Dynamic Programming Consensus Tracking Control for Discrete-Time Multiagent Systems. <i>Complexity</i> , 2022 , 2022, 1-14 | 1.6 | |
| 265 | Model-Free Optimal Tracking Control of Nonlinear Input-Affine Discrete-Time Systems via an Iterative Deterministic Q-Learning Algorithm. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , 1-14 | 10.3 | 0 |
| 264 | Wearable Mixed Energy Management System Based on Power Trajectory Tracking. <i>International Transactions on Electrical Energy Systems</i> , 2022 , 2022, 1-15 | 2.2 | |
| 263 | Small Leak Location for Intelligent Pipeline System Via Action-Dependent Heuristic Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1 | 8.9 | 10 |
| 262 | Robust reliable H _∞ optimization control for uncertain discrete-time Takagi-Sugeno fuzzy systems with time-varying delay. <i>Optimal Control Applications and Methods</i> , 2021 , 42, 848-876 | 1.7 | 0 |
| 261 | Reliable H _∞ guaranteed cost control for uncertain switched fuzzy stochastic systems with multiple time-varying delays and intermittent actuator and sensor faults. <i>Neural Computing and Applications</i> , 2021 , 33, 1343-1365 | 4.8 | 1 |
| 260 | Decentralized Tracking Optimization Control for Partially Unknown Fuzzy Interconnected Systems via Reinforcement Learning Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 917-926 | 8.3 | 16 |
| 259 | Event-triggered reinforcement learning H _∞ control design for constrained-input nonlinear systems subject to actuator failures. <i>Information Sciences</i> , 2021 , 543, 273-295 | 7.7 | 5 |
| 258 | Finite-time adaptive neural control for nonstrict-feedback stochastic nonlinear systems with input delay and output constraints. <i>Applied Mathematics and Computation</i> , 2021 , 393, 125756 | 2.7 | 7 |
| 257 | Multiple delay-dependent H _∞ guaranteed cost control for uncertain semi-Markovian jump random nonlinear systems with intermittent actuator and sensor faults and input constraint. <i>International Journal of Systems Science</i> , 2021 , 52, 57-85 | 2.3 | 0 |
| 256 | Bipartite Fixed-Time Output Consensus of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 548-557 | 10.2 | 40 |
| 255 | Discrete-Time Non-Zero-Sum Games With Completely Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2929-2943 | 10.2 | 11 |
| 254 | Consensusability and Global Optimality of Discrete-Time Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP, | 10.2 | 1 |

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| 253 | Event-Triggered Control of Nonlinear Discrete-Time System With Unknown Dynamics Based on HDP. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP, | 10.2 | 12 |
| 252 | Leader-Following Exponential Consensus of Fractional-Order Descriptor Multiagent Systems With Distributed Event-Triggered Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13 | 7.3 | 1 |
| 251 | Minor class-based status detection for pipeline network using enhanced generative adversarial networks. <i>Neurocomputing</i> , 2021 , 424, 71-83 | 5.4 | 6 |
| 250 | Distributed finite-time fault estimation and fault-tolerant control for cyber-physical systems with matched uncertainties. <i>Applied Mathematics and Computation</i> , 2021 , 403, 126195 | 2.7 | 3 |
| 249 | Online H _∞ control for continuous-time nonlinear large-scale systems via single echo state network. <i>Neurocomputing</i> , 2021 , 448, 353-363 | 5.4 | 2 |
| 248 | Time-varying output formation-containment control for homogeneous/heterogeneous descriptor fractional-order multi-agent systems. <i>Information Sciences</i> , 2021 , 567, 146-166 | 7.7 | 4 |
| 247 | Online event-based adaptive critic design with experience replay to solve partially unknown multi-player nonzero-sum games. <i>Neurocomputing</i> , 2021 , 458, 219-231 | 5.4 | 2 |
| 246 | Online event-triggered adaptive critic design for multi-player zero-sum games of partially unknown nonlinear systems with input constraints. <i>Neurocomputing</i> , 2021 , 462, 309-319 | 5.4 | 0 |
| 245 | Echo state network-based online optimal control for discrete-time nonlinear systems. <i>Applied Mathematics and Computation</i> , 2021 , 409, 126324 | 2.7 | 1 |
| 244 | Integral reinforcement learning-based guaranteed cost control for unknown nonlinear systems subject to input constraints and uncertainties. <i>Applied Mathematics and Computation</i> , 2021 , 408, 126336 | 2.7 | 1 |
| 243 | Hierarchical Pressure Data Recovery for Pipeline Network via Generative Adversarial Networks. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-11 | 4.9 | 10 |
| 242 | Load Parameter Identification for Parallel Robot Manipulator Based on Extended Kalman Filter. <i>Complexity</i> , 2020 , 2020, 1-12 | 1.6 | 3 |
| 241 | Off-policy based adaptive dynamic programming method for nonzero-sum games on discrete-time system. <i>Journal of the Franklin Institute</i> , 2020 , 357, 8059-8081 | 4 | 0 |
| 240 | Dual Heuristic Programming for Optimal Control of Continuous-Time Nonlinear Systems Using Single Echo State Network. <i>IEEE Transactions on Cybernetics</i> , 2020 , | 10.2 | 5 |
| 239 | Semi-global leader-following output consensus for heterogeneous fractional-order multi-agent systems with input saturation via observer-based protocol. <i>Neurocomputing</i> , 2020 , 402, 298-306 | 5.4 | 5 |
| 238 | Fully distributed bipartite output consensus of heterogeneous linear multiagent systems based on event-triggered transmission mechanism. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3382-3410 | 3.6 | 7 |
| 237 | Fault Estimation and Tolerant Control for Discrete-Time Multiple Delayed Fuzzy Stochastic Systems With Intermittent Sensor and Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2020 , | 10.2 | 14 |
| 236 | Visual Saliency Detection for Over-Temperature Regions in 3D Space via Dual-Source Images. <i>Sensors</i> , 2020 , 20, | 3.8 | 1 |

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| 235 | Off-policy integral reinforcement learning algorithm in dealing with nonzero sum game for nonlinear distributed parameter systems. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 2919-2928 | 1.8 | 1 |
| 234 | Path Planning of Mobile Robot With Improved Ant Colony Algorithm and MDP to Produce Smooth Trajectory in Grid-Based Environment. <i>Frontiers in Neurorobotics</i> , 2020 , 14, 44 | 3.4 | 11 |
| 233 | Reduced-order observer-based robust leader-following control of heterogeneous discrete-time multi-agent systems with system uncertainties. <i>Applied Intelligence</i> , 2020 , 50, 1794-1812 | 4.9 | 5 |
| 232 | Decentralized Event-Triggered Online Adaptive Control of Unknown Large-Scale Systems Over Wireless Communication Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4907-4919 | 10.3 | 10 |
| 231 | Echo State Network-Based Decentralized Control of Continuous-Time Nonlinear Large-Scale Interconnected Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11 | 7.3 | 15 |
| 230 | Decentralized Event-Triggered Adaptive Control of Discrete-Time Nonzero-Sum Games Over Wireless Sensor-Actuator Networks With Input Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4254-4266 | 10.3 | 18 |
| 229 | Resilient model-free adaptive control for cyber-physical systems against jamming attack. <i>Neurocomputing</i> , 2020 , 413, 422-430 | 5.4 | 10 |
| 228 | Off-policy synchronous iteration IRL method for multi-player zero-sum games with input constraints. <i>Neurocomputing</i> , 2020 , 378, 413-421 | 5.4 | 4 |
| 227 | Finite-time time-varying output formation-tracking of heterogeneous linear multi-agent systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 926-941 | 4 | 8 |
| 226 | Event-Driven Guaranteed Cost Control Design for Nonlinear Systems With Actuator Faults via Reinforcement Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4135-4150 | 7.3 | 39 |
| 225 | Integral reinforcement learning-based online adaptive event-triggered control for non-zero-sum games of partially unknown nonlinear systems. <i>Neurocomputing</i> , 2020 , 377, 243-255 | 5.4 | 17 |
| 224 | Event-Triggered Integral Sliding-Mode Control for Nonlinear Constrained-Input Systems With Disturbances via Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4086-4096 | 7.3 | 19 |
| 223 | Consensusability of discrete-time linear multi-agent systems with multiple inputs. <i>Neurocomputing</i> , 2020 , 383, 183-193 | 5.4 | 2 |
| 222 | H _∞ Tracking Control of Discrete-Time System With Delays via Data-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4078-4085 | 7.3 | 14 |
| 221 | Data-based stable value iteration optimal control for unknown discrete-time systems with time delays. <i>Neurocomputing</i> , 2020 , 382, 96-105 | 5.4 | 2 |
| 220 | Guaranteed-performance consensus for descriptor nonlinear multi-agent systems based on distributed nonlinear consensus protocol. <i>Neurocomputing</i> , 2020 , 383, 359-367 | 5.4 | 5 |
| 219 | Online Dual-Network-Based Adaptive Dynamic Programming for Solving Partially Unknown Multi-Player Non-Zero-Sum Games With Control Constraints. <i>IEEE Access</i> , 2020 , 8, 182295-182306 | 3.5 | 2 |
| 218 | Dissipativity analysis on switched uncertain nonlinear TB fuzzy Systems with stochastic perturbation and time delay. <i>Journal of the Franklin Institute</i> , 2020 , 357, 13410-13429 | 4 | 5 |

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| 217 | Fault-Tolerant Control for Stochastic Switched IT2 Fuzzy Uncertain Time-Delayed Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP, | 10.2 | 16 |
| 216 | Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. <i>Neurocomputing</i> , 2020 , 393, 38-45 | 5.4 | 8 |
| 215 | Synchronous Analysis for Fuzzy Coupled Neural Networks with Column Pinning Controllers. <i>Complexity</i> , 2020 , 2020, 1-14 | 1.6 | 0 |
| 214 | A new method of fault estimation and tolerant control for fuzzy systems against time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020 , 38, 100942 | 4.5 | 4 |
| 213 | Stability Analysis of T _B Fuzzy Control System With Sampled-Dropouts Based on Time-Varying Lyapunov Function Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2566-2577 | 7.3 | 21 |
| 212 | Data-Based Adaptive Dynamic Programming for a Class of Discrete-Time Systems With Multiple Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 432-441 | 7.3 | 23 |
| 211 | A Novel Sliding Mode Control for a Class of Stochastic Polynomial Fuzzy Systems Based on SOS Method. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1037-1046 | 10.2 | 9 |
| 210 | Critic-only adaptive dynamic programming algorithms' applications to the secure control of cyber-physical systems. <i>ISA Transactions</i> , 2020 , 104, 138-144 | 5.5 | 3 |
| 209 | Fuzzy adaptive dynamic programming-based optimal leader-following consensus for heterogeneous nonlinear multi-agent systems. <i>Neural Computing and Applications</i> , 2020 , 32, 8763-8781 | 4.8 | 9 |
| 208 | A new robust output tracking control for discrete-time switched constrained-input systems with uncertainty via a critic-only iteration learning method. <i>Neurocomputing</i> , 2020 , 396, 162-171 | 5.4 | 2 |
| 207 | Adaptive Dynamics Programming for H _∞ Control of Continuous-Time Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3996-4008 | 7.3 | 12 |
| 206 | Semi-global bipartite output consensus of heterogeneous multi-agent systems subject to input saturation by finite-time observer. <i>Asian Journal of Control</i> , 2020 , 22, 1639-1648 | 1.7 | 2 |
| 205 | Robust Optimal Control Scheme for Unknown Constrained-Input Nonlinear Systems via a Plug-n-Play Event-Sampled Critic-Only Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3169-3180 | 7.3 | 34 |
| 204 | Delay tolerant containment control for second-order multi-agent systems based on communication topology design. <i>Neurocomputing</i> , 2020 , 380, 11-19 | 5.4 | 3 |
| 203 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2401-2415 | 8.3 | 59 |
| 202 | A Novel Approach to Observer-Based Fault Estimation and Fault-Tolerant Controller Design for T _B Fuzzy Systems With Multiple Time Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1679-1693 | 8.3 | 11 |
| 201 | Optimal tracking control for non-zero-sum games of linear discrete-time systems via off-policy reinforcement learning. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 1233-1250 | 1.7 | 1 |
| 200 | Insufficient Data Generative Model for Pipeline Network Leak Detection Using Generative Adversarial Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP, | 10.2 | 9 |

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| 199 | Online event-triggered adaptive critic design for non-zero-sum games of partially unknown networked systems. <i>Neurocomputing</i> , 2019 , 368, 84-98 | 5.4 | 13 |
| 198 | Integral reinforcement learning off-policy method for solving nonlinear multi-player nonzero-sum games with saturated actuator. <i>Neurocomputing</i> , 2019 , 335, 96-104 | 5.4 | 15 |
| 197 | Robust control design for multi-player nonlinear systems with input disturbances via adaptive dynamic programming. <i>Neurocomputing</i> , 2019 , 334, 1-10 | 5.4 | 8 |
| 196 | An Analysis of IRL-Based Optimal Tracking Control of Unknown Nonlinear Systems with Constrained Input. <i>Neural Processing Letters</i> , 2019 , 50, 2681-2700 | 2.4 | 4 |
| 195 | Robust non-fragile proportional plus derivative state feedback control for a class of uncertain Takagi-Sugeno fuzzy singular systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 6208-6225 | 4 | 29 |
| 194 | Status detection from spatial-temporal data in pipeline network using data transformation convolutional neural network. <i>Neurocomputing</i> , 2019 , 358, 401-413 | 5.4 | 7 |
| 193 | Tracking control optimization scheme for a class of partially unknown fuzzy systems by using integral reinforcement learning architecture. <i>Applied Mathematics and Computation</i> , 2019 , 359, 344-356 | 2.7 | 5 |
| 192 | Bipartite output consensus of heterogeneous linear multi-agent systems by dynamic triggering observer. <i>ISA Transactions</i> , 2019 , 92, 14-22 | 5.5 | 14 |
| 191 | Event-trigger-based robust control for nonlinear constrained-input systems using reinforcement learning method. <i>Neurocomputing</i> , 2019 , 340, 158-170 | 5.4 | 23 |
| 190 | Prediction and identification of discrete-time dynamic nonlinear systems based on adaptive echo state network. <i>Neural Networks</i> , 2019 , 113, 11-19 | 9.1 | 25 |
| 189 | A novel double-level observer-based fault estimation for Takagi-Sugeno fuzzy systems with unknown nonlinear dynamics. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 3372-3384 | 1.8 | 6 |
| 188 | Neural-network-based learning algorithms for cooperative games of discrete-time multi-player systems with control constraints via adaptive dynamic programming. <i>Neurocomputing</i> , 2019 , 344, 13-19 | 5.4 | 12 |
| 187 | Finite-Time Decentralized Control of IT2 T-S Fuzzy Interconnected Systems With Discontinuous Interconnections. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3547-3556 | 10.2 | 20 |
| 186 | Finite-Time Stabilization for Discontinuous Interconnected Delayed Systems via Interval Type-2 TB Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 249-261 | 8.3 | 39 |
| 185 | Neurodynamic programming and tracking control scheme of constrained-input systems via a novel event-triggered PI algorithm. <i>Applied Soft Computing Journal</i> , 2019 , 83, 105629 | 7.5 | 4 |
| 184 | Bipartite finite-time output consensus of heterogeneous multi-agent systems by finite-time event-triggered observer. <i>Neurocomputing</i> , 2019 , 365, 86-93 | 5.4 | 18 |
| 183 | Unknown input based observer synthesis for an interval type-2 polynomial fuzzy system with time delays and uncertainties. <i>Neurocomputing</i> , 2019 , 339, 171-181 | 5.4 | 7 |
| 182 | A Fuzzy Adaptive Tracking Control for MIMO Switched Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2443-2452 | 8.3 | 23 |

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| 181 | An SOS-Based Sliding Mode Controller Design for a Class of Polynomial Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 749-759 | 8.3 | 3 |
| 180 | Adaptive Fuzzy Fault-Tolerant Tracking Control for Partially Unknown Systems With Actuator Faults via Integral Reinforcement Learning Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1986-1998 | 8.3 | 37 |
| 179 | Delay-dependent distributed event-triggered tracking control for multi-agent systems with input time delay. <i>Neurocomputing</i> , 2019 , 333, 200-210 | 5.4 | 13 |
| 178 | A neural network-based approach for solving quantized discrete-time H _∞ optimal control with input constraint over finite-horizon. <i>Neurocomputing</i> , 2019 , 333, 248-260 | 5.4 | 2 |
| 177 | A novel photovoltaic power forecasting model based on echo state network. <i>Neurocomputing</i> , 2019 , 325, 182-189 | 5.4 | 35 |
| 176 | Interval type-2 regional switching T _B fuzzy control for time-delay systems via membership function dependent approach. <i>Fuzzy Sets and Systems</i> , 2019 , 374, 152-169 | 3.7 | 8 |
| 175 | Distributed leader-following consensus of heterogeneous second-order time-varying nonlinear multi-agent systems under directed switching topology. <i>Neurocomputing</i> , 2019 , 325, 31-47 | 5.4 | 24 |
| 174 | Integral reinforcement learning based decentralized optimal tracking control of unknown nonlinear large-scale interconnected systems with constrained-input. <i>Neurocomputing</i> , 2019 , 323, 1-11 | 5.4 | 25 |
| 173 | New stochastic synchronization criteria for fuzzy Markovian hybrid neural networks with random coupling strengths. <i>Neural Computing and Applications</i> , 2019 , 31, 825-843 | 4.8 | 2 |
| 172 | Neural-Network-Based Robust Control Schemes for Nonlinear Multiplayer Systems With Uncertainties via Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 579-588 | 7.3 | 36 |
| 171 | An Estimation Method of Defect Size From MFL Image Using Visual Transformation Convolutional Neural Network. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 213-224 | 11.9 | 62 |
| 170 | Event-Triggered Stabilization of Neural Networks With Time-Varying Switching Gains and Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5045-5056 | 10.3 | 49 |
| 169 | General value iteration based single network approach for constrained optimal controller design of partially-unknown continuous-time nonlinear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 2610-2630 | 4.3 | 7 |
| 168 | Value iteration based integral reinforcement learning approach for H _∞ controller design of continuous-time nonlinear systems. <i>Neurocomputing</i> , 2018 , 285, 51-59 | 5.4 | 11 |
| 167 | Observer-based H _∞ fuzzy control for modified repetitive control systems. <i>Neurocomputing</i> , 2018 , 286, 141-149 | 5.4 | 32 |
| 166 | Synchronization criterion of complex networks with time-delay under mixed topologies. <i>Neurocomputing</i> , 2018 , 295, 8-16 | 5.4 | 13 |
| 165 | Fault Estimation and Fault-Tolerant Control for Switched Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2993-3003 | 8.3 | 83 |
| 164 | Optimal Guaranteed Cost Sliding Mode Control for Constrained-Input Nonlinear Systems With Matched and Unmatched Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2112-2126 | 10.3 | 31 |

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| 163 | Online reinforcement learning for a class of partially unknown continuous-time nonlinear systems via value iteration. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 1011-1028 | 1.7 | 5 |
| 162 | H ∞ consensus for linear heterogeneous multi-agent systems with state and output feedback control. <i>Neurocomputing</i> , 2018 , 275, 2635-2644 | 5.4 | 21 |
| 161 | Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. <i>Neurocomputing</i> , 2018 , 307, 54-60 | 5.4 | 19 |
| 160 | Optimal Fault-Tolerant Control for Discrete-Time Nonlinear Strict-Feedback Systems Based on Adaptive Critic Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2179-2191 | 10.3 | 28 |
| 159 | Finite-Horizon H_{∞} Tracking Control for Unknown Nonlinear Systems With Saturating Actuators. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1200-1212 | 10.3 | 37 |
| 158 | Neural-Network-Based Robust Optimal Tracking Control for MIMO Discrete-Time Systems With Unknown Uncertainty Using Adaptive Critic Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1239-1251 | 10.3 | 37 |
| 157 | Wirtinger-based multiple integral inequality for stability of time-delay systems. <i>International Journal of Control</i> , 2018 , 91, 12-18 | 1.5 | 21 |
| 156 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3191-3205 | 8.3 | 18 |
| 155 | Data-based approximate optimal control for nonzero-sum games of multi-player systems using adaptive dynamic programming. <i>Neurocomputing</i> , 2018 , 275, 192-199 | 5.4 | 13 |
| 154 | H ∞ control of interval Type-2 fuzzy logic system with time-delay partition method. <i>Neurocomputing</i> , 2018 , 275, 200-207 | 5.4 | 2 |
| 153 | A fuzzy adaptive tracking control for a class of uncertain strick-feedback nonlinear systems with dead-zone input. <i>Neurocomputing</i> , 2018 , 272, 130-135 | 5.4 | 16 |
| 152 | Distributed multi-agent optimization via event-triggered based continuous-time Newton Raphson algorithm. <i>Neurocomputing</i> , 2018 , 275, 1416-1425 | 5.4 | 8 |
| 151 | Data-driven adaptive dynamic programming schemes for non-zero-sum games of unknown discrete-time nonlinear systems. <i>Neurocomputing</i> , 2018 , 275, 649-658 | 5.4 | 17 |
| 150 | Robust control scheme for a class of uncertain nonlinear systems with completely unknown dynamics using data-driven reinforcement learning method. <i>Neurocomputing</i> , 2018 , 273, 68-77 | 5.4 | 15 |
| 149 | Online adaptive policy iteration based fault-tolerant control algorithm for continuous-time nonlinear tracking systems with actuator failures. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6947-6968 ⁴ | | 11 |
| 148 | Reinforcement learning-based online adaptive controller design for a class of unknown nonlinear discrete-time systems with time delays. <i>Neural Computing and Applications</i> , 2018 , 30, 1733-1745 | 4.8 | 7 |
| 147 | Dynamic output feedback-based fault-tolerant control design for T-S fuzzy systems with model uncertainties. <i>ISA Transactions</i> , 2018 , 81, 32-45 | 5.5 | 30 |
| 146 | Output consensus of heterogeneous linear MASs by self-triggered MPC scheme. <i>Neurocomputing</i> , 2018 , 315, 476-485 | 5.4 | 7 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 145 | Event-triggered control for a class of non-linear systems: an exponential approximation method. <i>IET Control Theory and Applications</i> , 2018 , 12, 1491-1496 | 2.5 | 14 |
| 144 | Stochastic linear quadratic optimal control for model-free discrete-time systems based on Q-learning algorithm. <i>Neurocomputing</i> , 2018 , 312, 1-8 | 5.4 | 10 |
| 143 | Adaptive fuzzy tracking control for switched uncertain strict-feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 714-727 | 4 | 7 |
| 142 | Robust Fault Detection for Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3056-3066 | 10.2 | 44 |
| 141 | Neural network-based H _∞ sliding mode control for nonlinear systems with actuator faults and unmatched disturbances. <i>Neurocomputing</i> , 2018 , 275, 2009-2018 | 5.4 | 17 |
| 140 | Distributed Optimal Consensus Control for Nonlinear Multiagent System With Unknown Dynamic. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3339-3348 | 10.3 | 75 |
| 139 | Event-triggered fault detection filter design for nonlinear networked systems via fuzzy Lyapunov functions. <i>Journal of the Franklin Institute</i> , 2018 , 355, 8392-8411 | 4 | 17 |
| 138 | Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. <i>Neurocomputing</i> , 2018 , 309, 168-178 | 5.4 | 8 |
| 137 | Data-driven optimal tracking control for discrete-time systems with delays using adaptive dynamic programming. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5649-5666 | 4 | 19 |
| 136 | Stability Analysis of Neural Networks With Two Delay Components Based on Dynamic Delay Interval Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 259-267 | 10.3 | 33 |
| 135 | . <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 557-571 | 10.7 | 120 |
| 134 | Adaptive Fault-Tolerant Tracking Control for MIMO Discrete-Time Systems via Reinforcement Learning Algorithm With Less Learning Parameters. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017 , 14, 299-313 | 4.9 | 146 |
| 133 | Sampled-Data Synchronization Analysis of Markovian Neural Networks With Generally Incomplete Transition Rates. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 740-752 | 10.3 | 55 |
| 132 | A Novel Energy Function-Based Stability Evaluation and Nonlinear Control Approach for Energy Internet. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1195-1210 | 10.7 | 88 |
| 131 | Dissipativity Analysis and Synthesis for a Class of TS Fuzzy Descriptor Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1774-1784 | 7.3 | 46 |
| 130 | Optimal Output Regulation for Heterogeneous Multiagent Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 18-29 | 10.3 | 86 |
| 129 | Adaptive tracking control of uncertain MIMO nonlinear systems based on generalized fuzzy hyperbolic model. <i>Fuzzy Sets and Systems</i> , 2017 , 306, 105-117 | 3.7 | 15 |
| 128 | Data-Driven Optimal Consensus Control for Discrete-Time Multi-Agent Systems With Unknown Dynamics Using Reinforcement Learning Method. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4091-4100 | 8.9 | 170 |

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| 127 | Hybrid control with constrained input for completely unknown nonlinear systems using data-driven reinforcement learning method. <i>Neurocomputing</i> , 2017 , 237, 226-234 | 5-4 | 29 |
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