

Hua-guang Zhang

List of Publications by Citations

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313
papers

13,265
citations

57
h-index

106
g-index

341
ext. papers

16,662
ext. citations

6
avg, IF

7.53
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 313 | . <i>IEEE Computational Intelligence Magazine</i> , 2009 , 4, 39-47 | 5.6 | 517 |
| 312 | Neural-network-based near-optimal control for a class of discrete-time affine nonlinear systems with control constraints. <i>IEEE Transactions on Neural Networks</i> , 2009 , 20, 1490-503 | | 459 |
| 311 | Data-driven robust approximate optimal tracking control for unknown general nonlinear systems using adaptive dynamic programming method. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2226-36 | | 399 |
| 310 | A Comprehensive Review of Stability Analysis of Continuous-Time Recurrent Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1229-1262 | 10.3 | 390 |
| 309 | A novel infinite-time optimal tracking control scheme for a class of discrete-time nonlinear systems via the greedy HDP iteration algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 937-42 | | 348 |
| 308 | Novel weighting-delay-based stability criteria for recurrent neural networks with time-varying delay. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 91-106 | | 346 |
| 307 | A Combined Backstepping and Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 1059-1069 | 8.3 | 342 |
| 306 | Leader-Based Optimal Coordination Control for the Consensus Problem of Multiagent Differential Games via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 152-163 | 8.3 | 315 |
| 305 | Near-Optimal Control for Nonzero-Sum Differential Games of Continuous-Time Nonlinear Systems Using Single-Network ADP. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 206-16 | 10.2 | 300 |
| 304 | Robust global exponential synchronization of uncertain chaotic delayed neural networks via dual-stage impulsive control. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 831-44 | | 300 |
| 303 | An iterative adaptive dynamic programming method for solving a class of nonlinear zero-sum differential games. <i>Automatica</i> , 2011 , 47, 207-214 | 5.7 | 279 |
| 302 | Global asymptotic stability of recurrent neural networks with multiple time-varying delays. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 855-73 | | 279 |
| 301 | . <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 3006-3019 | 10.7 | 265 |
| 300 | Stability analysis of Markovian jumping stochastic Cohen-Grossberg neural networks with mixed time delays. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 366-70 | | 249 |
| 299 | Distributed Cooperative Optimal Control for Multiagent Systems on Directed Graphs: An Inverse Optimal Approach. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1315-26 | 10.2 | 209 |
| 298 | Control Synthesis of Discrete-Time T-S Fuzzy Systems via a Multi-Instant Homogenous Polynomial Approach. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 630-40 | 10.2 | 206 |
| 297 | Dynamic Event-Based Control of Nonlinear Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6544-6551 | 5.9 | 174 |

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| 296 | Distributed Adaptive Virtual Impedance Control for Accurate Reactive Power Sharing Based on Consensus Control in Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1749-1761 | 10.7 | 171 |
| 295 | 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 |
| 294 | T-S Fuzzy-Model-Based Robust H_{∞} Design for Networked Control Systems With Uncertainties. <i>IEEE Transactions on Industrial Informatics</i> , 2007 , 3, 289-301 | 11.9 | 170 |
| 293 | Online adaptive policy learning algorithm for H ₂ state feedback control of unknown affine nonlinear discrete-time systems. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2706-18 | 10.2 | 166 |
| 292 | Neural-Network-Based Constrained Optimal Control Scheme for Discrete-Time Switched Nonlinear System Using Dual Heuristic Programming. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014 , 11, 839-849 | 4.9 | 163 |
| 291 | Neural-Network-Based Event-Triggered Adaptive Control of Nonaffine Nonlinear Multiagent Systems With Dynamic Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2239-2250 | 10.3 | 154 |
| 290 | Relaxed Stability Conditions for Continuous-Time T _S Fuzzy-Control Systems Via Augmented Multi-Indexed Matrix Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 478-492 | 8.3 | 150 |
| 289 | 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 |
| 288 | Adaptive Dynamic Programming for Control. <i>Communications and Control Engineering</i> , 2013 , | 0.6 | 145 |
| 287 | Delay-dependent guaranteed cost control for uncertain stochastic fuzzy systems with multiple time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 126-40 | | 137 |
| 286 | Optimal tracking control for a class of nonlinear discrete-time systems with time delays based on heuristic dynamic programming. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1851-62 | | 134 |
| 285 | Off-Policy Actor-Critic Structure for Optimal Control of Unknown Systems With Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1041-50 | 10.2 | 127 |
| 284 | Networked synchronization control of coupled dynamic networks with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1468-79 | | 127 |
| 283 | Distributed Optimal Energy Management for Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 3081-3097 | 11.9 | 126 |
| 282 | . <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 557-571 | 10.7 | 120 |
| 281 | Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1733-1739 | 10.3 | 106 |
| 280 | LMI-based approach for global asymptotic stability analysis of recurrent neural networks with various delays and structures. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1032-45 | | 102 |
| 279 | . <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 5964-5977 | 7.2 | 99 |

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| 278 | Multiple actor-critic structures for continuous-time optimal control using input-output data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 851-65 | 10.3 | 95 |
| 277 | Optimal control for unknown discrete-time nonlinear Markov jump systems using adaptive dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 2141-55 | 10.3 | 92 |
| 276 | Event-Triggered-Based Distributed Cooperative Energy Management for Multienergy Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2008-2022 | 11.9 | 91 |
| 275 | Neural Observer and Adaptive Neural Control Design for a Class of Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4261-4271 | 10.3 | 90 |
| 274 | 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 |
| 273 | 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 |
| 272 | 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 |
| 271 | Exponential Stabilization of Memristive Neural Networks via Saturating Sampled-Data Control. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3027-3039 | 10.2 | 77 |
| 270 | 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 |
| 269 | Stability of Recurrent Neural Networks With Time-Varying Delay via Flexible Terminal Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2456-2463 | 10.3 | 71 |
| 268 | Fault Estimation Observer Design for Discrete-Time Takagi-Sugeno Fuzzy Systems Based on Homogenous Polynomially Parameter-Dependent Lyapunov Functions. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2504-2513 | 10.2 | 70 |
| 267 | A Small-Sample Wind Turbine Fault Detection Method With Synthetic Fault Data Using Generative Adversarial Nets. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3877-3888 | 11.9 | 70 |
| 266 | Fault-Tolerant Controller Design for a Class of Nonlinear MIMO Discrete-Time Systems via Online Reinforcement Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 611-622 | 7.3 | 65 |
| 265 | Robust state/fault estimation and fault tolerant control for TB fuzzy systems with sensor and actuator faults. <i>Journal of the Franklin Institute</i> , 2016 , 353, 615-641 | 4 | 64 |
| 264 | 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 |
| 263 | Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1110-1120 | 10.2 | 61 |
| 262 | An Overview of Research on Adaptive Dynamic Programming. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2013 , 39, 303-311 | | 60 |
| 261 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 827-841 | 8.3 | 60 |

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| 260 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2401-2415 | 8.3 | 59 |
| 259 | Adaptive Bipartite Event-Triggered Output Consensus of Heterogeneous Linear Multiagent Systems Under Fixed and Switching Topologies. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4816-4830 | 10.3 | 58 |
| 258 | Discrete-Time Nonzero-Sum Games for Multiplayer Using Policy-Iteration-Based Adaptive Dynamic Programming Algorithms. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3331-3340 | 10.2 | 58 |
| 257 | Consensus-Based Distributed Economic Dispatch Control Method in Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 941-954 | 10.7 | 57 |
| 256 | Consensus-based distributed cooperative learning from closed-loop neural control systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 331-45 | 10.3 | 56 |
| 255 | 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 |
| 254 | Distributed Optimal Economic Dispatch for Microgrids Considering Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1634-1642 | 7.3 | 54 |
| 253 | Fault-Tolerant Control of a Nonlinear System Based on Generalized Fuzzy Hyperbolic Model and Adaptive Disturbance Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2289-2300 | 7.3 | 54 |
| 252 | Event-Based Distributed Active Power Sharing Control for Interconnected AC and DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 6815-6828 | 10.7 | 50 |
| 251 | An enhanced input-delay approach to sampled-data stabilization of TS fuzzy systems via mixed convex combination. <i>Nonlinear Dynamics</i> , 2014 , 75, 501-512 | 5 | 50 |
| 250 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 527-542 | 8.3 | 49 |
| 249 | 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 |
| 248 | LQR-Based Optimal Distributed Cooperative Design for Linear Discrete-Time Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 599-611 | 10.3 | 46 |
| 247 | Disturbance observer based fault estimation and dynamic output feedback fault tolerant control for fuzzy systems with local nonlinear models. <i>ISA Transactions</i> , 2015 , 59, 114-24 | 5.5 | 46 |
| 246 | Fault Diagnosis Method of Joint Fisher Discriminant Analysis Based on the Local and Global Manifold Learning and Its Kernel Version. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 122-133 | 4.9 | 46 |
| 245 | Robust Fault Detection for Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3056-3066 | 10.2 | 44 |
| 244 | Novel Zero-Voltage and Zero-Current Switching (ZVZCS) PWM Three-Level DC/DC Converter Using Output Coupled Inductor. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 1082-1093 | 7.2 | 43 |
| 243 | Quasi-Synchronization of Delayed Memristive Neural Networks via Region-Partitioning-Dependent Intermittent Control. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4066-4077 | 10.2 | 41 |

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| 242 | Model-free optimal control design for a class of linear discrete-time systems with multiple delays using adaptive dynamic programming. <i>Neurocomputing</i> , 2014 , 135, 163-170 | 5.4 | 41 |
| 241 | Analysis and Implementation of A Passive Lossless Soft-Switching Snubber for PWM Inverters. <i>IEEE Transactions on Power Electronics</i> , 2011 , 26, 411-426 | 7.2 | 41 |
| 240 | Bipartite Fixed-Time Output Consensus of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 548-557 | 10.2 | 40 |
| 239 | Finite-Time Stabilization for Discontinuous Interconnected Delayed Systems via Interval Type-2 TS Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 249-261 | 8.3 | 39 |
| 238 | 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 |
| 237 | Sampled-Data Synchronization of Markovian Coupled Neural Networks With Mode Delays Based on Mode-Dependent LKF. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2626-2637 | 10.3 | 38 |
| 236 | Novel Switching Jumps Dependent Exponential Synchronization Criteria for Memristor-Based Neural Networks. <i>Neural Processing Letters</i> , 2017 , 45, 15-28 | 2.4 | 37 |
| 235 | Iterative ADP learning algorithms for discrete-time multi-player games. <i>Artificial Intelligence Review</i> , 2018 , 50, 75-91 | 9.7 | 37 |
| 234 | H state estimation for memristive neural networks with time-varying delays: The discrete-time case. <i>Neural Networks</i> , 2016 , 84, 47-56 | 9.1 | 37 |
| 233 | Hybrid Fuzzy Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Systems With Unmeasured States. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1041-1050 | 8.3 | 37 |
| 232 | 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 |
| 231 | Finite-Time Synchronization of Coupled Hierarchical Hybrid Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2995-3004 | 10.2 | 36 |
| 230 | Identification method for a class of periodic discrete-time dynamic nonlinear systems based on Sinusoidal ESN. <i>Neurocomputing</i> , 2018 , 275, 1511-1521 | 5.4 | 36 |
| 229 | Decentralized adaptive tracking control scheme for nonlinear large-scale interconnected systems via adaptive dynamic programming. <i>Neurocomputing</i> , 2017 , 225, 1-10 | 5.4 | 36 |
| 228 | 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 |
| 227 | Adaptive NN fault-tolerant control for discrete-time systems in triangular forms with actuator fault. <i>Neurocomputing</i> , 2015 , 152, 209-221 | 5.4 | 35 |
| 226 | Double-Mode Energy Management for Multi-Energy System via Distributed Dynamic Event-Triggered Newton-Raphson Algorithm. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5339-5356 | 10.7 | 35 |
| 225 | H Consensus for Linear Heterogeneous Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2268-2279 | 10.2 | 35 |

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| 224 | Sensor Fault Estimation of Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 1-1 | 8.3 | 34 |
| 223 | Command Filter Based Adaptive Fuzzy Finite-Time Control for a Class of Uncertain Nonlinear Systems With Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1 | 8.3 | 34 |
| 222 | Quick Reconstruction of Arbitrary Pipeline Defect Profiles From MFL Measurements Employing Modified Harmony Search Algorithm. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 2200-2213 | 5.2 | 34 |
| 221 | 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 |
| 220 | 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 |
| 219 | Homogenous polynomially parameter-dependent H _∞ filter designs of discrete-time fuzzy systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1313-22 | | 33 |
| 218 | Observer-based H _∞ fuzzy control for modified repetitive control systems. <i>Neurocomputing</i> , 2018 , 286, 141-149 | 5.4 | 32 |
| 217 | Stability criterion for delayed neural networks via Wirtinger-based multiple integral inequality. <i>Neurocomputing</i> , 2016 , 214, 53-60 | 5.4 | 32 |
| 216 | Neural network-based online H _∞ control for discrete-time affine nonlinear system using adaptive dynamic programming. <i>Neurocomputing</i> , 2016 , 198, 91-99 | 5.4 | 32 |
| 215 | New Results on Stability and Stabilization of Networked Control Systems With Short Time-Varying Delay. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2772-2781 | 10.2 | 32 |
| 214 | Adaptive critic design-based robust neural network control for nonlinear distributed parameter systems with unknown dynamics. <i>Neurocomputing</i> , 2015 , 148, 200-208 | 5.4 | 31 |
| 213 | A Hierarchical Event Detection Method Based on Spectral Theory of Multidimensional Matrix for Power System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2173-2186 | 7.3 | 31 |
| 212 | 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 |
| 211 | H _∞ 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 |
| 210 | 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 |
| 209 | Sampled-data synchronization for complex networks based on discontinuous LKF and mixed convex combination. <i>Journal of the Franklin Institute</i> , 2015 , 352, 4741-4757 | 4 | 29 |
| 208 | A Diagnosis Algorithm for Multiple Open-Circuited Faults of Microgrid Inverters Based on Main Fault Component Analysis. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 925-937 | 5.4 | 29 |
| 207 | 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 |

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| 206 | Data-driven optimal tracking control for a class of affine non-linear continuous-time systems with completely unknown dynamics. <i>IET Control Theory and Applications</i> , 2016 , 10, 700-710 | 2.5 | 28 |
| 205 | Tracking control optimization scheme of continuous-time nonlinear system via online single network adaptive critic design method. <i>Neurocomputing</i> , 2017 , 251, 127-135 | 5.4 | 27 |
| 204 | Online optimal control of unknown discrete-time nonlinear systems by using time-based adaptive dynamic programming. <i>Neurocomputing</i> , 2015 , 165, 163-170 | 5.4 | 27 |
| 203 | ADP based optimal tracking control for a class of linear discrete-time system with multiple delays. <i>Journal of the Franklin Institute</i> , 2016 , 353, 2117-2136 | 4 | 27 |
| 202 | Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. <i>ISA Transactions</i> , 2020 , 99, 191-198 | 5.5 | 27 |
| 201 | . <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5993-6003 | 11.9 | 27 |
| 200 | A neural network based online learning and control approach for Markov jump systems. <i>Neurocomputing</i> , 2015 , 149, 116-123 | 5.4 | 26 |
| 199 | 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 |
| 198 | Online finite-horizon optimal learning algorithm for nonzero-sum games with partially unknown dynamics and constrained inputs. <i>Neurocomputing</i> , 2016 , 185, 37-44 | 5.4 | 24 |
| 197 | Event-based H _∞ consensus control for second-order leader-following multi-agent systems. <i>Journal of the Franklin Institute</i> , 2016 , 353, 5081-5098 | 4 | 24 |
| 196 | Event-trigger-based robust control for nonlinear constrained-input systems using reinforcement learning method. <i>Neurocomputing</i> , 2019 , 340, 158-170 | 5.4 | 23 |
| 195 | Multiple Open-Circuit Fault Diagnosis Based on Multistate Data Processing and Subsection Fluctuation Analysis for Photovoltaic Inverter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 516-526 | 5.2 | 23 |
| 194 | H Consensus for Linear Heterogeneous Discrete-Time Multiagent Systems With Output Feedback Control. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3713-3721 | 10.2 | 23 |
| 193 | Induction Motors Fault Diagnosis Using Finite Element Method: A Review. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1205-1217 | 4.3 | 23 |
| 192 | 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 |
| 191 | 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 |
| 190 | Multilevel feature moving average ratio method for fault diagnosis of the microgrid inverter switch. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 177-185 | 7 | 22 |
| 189 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2202-2214 | 8.3 | 22 |

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| 188 | Anti-disturbance control for nonlinear system via adaptive disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 2121-2144 | 3.6 | 21 |
| 187 | Globally optimal distributed cooperative control for general linear multi-agent systems. <i>Neurocomputing</i> , 2016 , 203, 12-21 | 5.4 | 21 |
| 186 | Stability Analysis of TB 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 |
| 185 | Stochastic synchronization for Markovian coupled neural networks with partial information on transition probabilities. <i>Neurocomputing</i> , 2015 , 149, 983-992 | 5.4 | 20 |
| 184 | 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 |
| 183 | Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP, | 10.2 | 20 |
| 182 | Dissipativity-Based Fault Detection for Uncertain Switched Fuzzy Systems With Unmeasurable Premise Variables. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2421-2432 | 8.3 | 20 |
| 181 | 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 |
| 180 | Nearly Optimal Control Scheme Using Adaptive Dynamic Programming Based on Generalized Fuzzy Hyperbolic Model. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2013 , 39, 142-148 | | 19 |
| 179 | Critical Nodes Identification of Power Systems Based on Controllability of Complex Networks. <i>Applied Sciences (Switzerland)</i> , 2015 , 5, 622-636 | 2.6 | 19 |
| 178 | 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 |
| 177 | Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. <i>Information Sciences</i> , 2021 , 555, 314-338 | 7.7 | 19 |
| 176 | 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 |
| 175 | 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 |
| 174 | Distributed Bipartite Consensus of Linear Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14 | 7.3 | 18 |
| 173 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3191-3205 | 8.3 | 18 |
| 172 | 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 |
| 171 | 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 |

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| 16 | Event-based formation control of heterogeneous multiagent systems with leader agent of nonzero input. <i>Information Sciences</i> , 2022 , 598, 157-181 | 7.7 | 1 |
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