Yongliang Yang

List of Publications by Year
in descending order

47 papers	1,147 citations	430442 18 h-index	454577 30 g-index
48 all docs	48 docs citations	48 times ranked	488 citing authors

#	Article	IF	Citations
1	Leader–Follower Output Synchronization of Linear Heterogeneous Systems With Active Leader Using Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2139-2153.	7.2	109
2	Robust Actor–Critic Learning for Continuous-Time Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2022, 30, 2101-2112.	6.5	83
3	Optimal Containment Control of Unknown Heterogeneous Systems With Active Leaders. IEEE Transactions on Control Systems Technology, 2019, 27, 1228-1236.	3.2	80
4	Hamiltonian-Driven Adaptive Dynamic Programming for Continuous Nonlinear Dynamical Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1929-1940.	7.2	74
5	Online barrier-actor-critic learning for H_∞ control with full-state constraints and input saturation. Journal of the Franklin Institute, 2020, 357, 3316-3344.	1.9	67
6	Model-Free λ-Policy Iteration for Discrete-Time Linear Quadratic Regulation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 635-649.	7.2	65
7	Safe reinforcement learning for dynamical games. International Journal of Robust and Nonlinear Control, 2020, 30, 3706-3726.	2.1	64
8	Data-Driven Robust Control of Discrete-Time Uncertain Linear Systems via Off-Policy Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3735-3747.	7.2	63
9	Hamiltonian-Driven Hybrid Adaptive Dynamic Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6423-6434.	5.9	60
10	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
11	Hamiltonian-Driven Adaptive Dynamic Programming With Approximation Errors. IEEE Transactions on Cybernetics, 2022, 52, 13762-13773.	6.2	51
12	Dynamic Intermittent Feedback Design for H_{∞} Containment Control on a Directed Graph. IEEE Transactions on Cybernetics, 2020, 50, 3752-3765.	6.2	46
13	Adaptive Fuzzy Leader–Follower Synchronization of Constrained Heterogeneous Multiagent Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 205-219.	6.5	41
14	Dynamic intermittent Q-learning–based model–free suboptimal co–design of –stabilization. International Journal of Robust and Nonlinear Control, 2019, 29, 2673-2694.	2.1	34
15	Development of Blast Furnace Burden Distribution Process Modeling and Control. ISIJ International, 2017, 57, 1350-1363.	0.6	28
16	Safety-Aware Reinforcement Learning Framework with an Actor-Critic-Barrier Structure. , 2019, , .		28
17	Data-Driven Human-Robot Interaction Without Velocity Measurement Using Off-Policy Reinforcement Learning. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 47-63.	8.5	22
18	Output Constrained Adaptive Controller Design for Nonlinear Saturation Systems. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 441-454.	8.5	21

#	ARTICLE	IF	CITATIONS
19	A modified ELM algorithm for the prediction of silicon content in hot metal. Neural Computing and Applications, 2016, 27, 241-247.	3.2	19
20	Sparse online kernelized actor-critic Learning in reproducing kernel Hilbert space. Artificial Intelligence Review, 2022, 55, 23-58.	9.7	19
21	Hamiltonianâ€driven adaptive dynamic programming for mixed H_2/$H_{\tilde{a}}$ performance using sumâ€ofâ€squares. International Journal of Robust and Nonlinear Control, 2021, 31, 1941-1963.	2.1	15
22	Robust adaptive control of uncertain nonlinear systems with unmodeled dynamics using command filter. International Journal of Robust and Nonlinear Control, 2021, 31, 7764-7784.	2.1	13
23	Data-Driven Integral Reinforcement Learning for Continuous-Time Non-Zero-Sum Games. IEEE Access, 2019, 7, 82901-82912.	2.6	12
24	Force Perception and Bone Recognition of Vertebral Lamina Milling by Robot-Assisted Ultrasonic Bone Scalpel Based on Backpropagation Neural Network. IEEE Access, 2021, 9, 52101-52112.	2.6	11
25	Containment Control of Heterogeneous Systems With Non-Autonomous Leaders: A Distributed Optimal Model Reference Approach. IEEE Access, 2018, 6, 60689-60703.	2.6	8
26	Data-Driven Dynamic Multiobjective Optimal Control: An Aspiration-Satisfying Reinforcement Learning Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6183-6193.	7.2	8
27	Dynamic Event-Triggered Design With Fixed-Time Performance and Input Dead-Zone. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4344-4348.	2.2	8
28	Model-Free Event-Triggered Containment Control of Multi-Agent Systems. , 2018, , .		7
29	Off-policy reinforcement learning for robust control of discrete-time uncertain linear systems. , 2017, , .		6
30	Safe Intermittent Reinforcement Learning for Nonlinear Systems. , 2019, , .		5
31	Adaptive singularity-free controller design of constrained nonlinear systems with prescribed performance. Neurocomputing, 2020, 417, 212-223.	3.5	5
32	Data-Driven Nonzero-Sum Game for Discrete-Time Systems Using Off-Policy Reinforcement Learning. IEEE Access, 2020, 8, 14074-14088.	2.6	5
33	Command filtered adaptive output feedback design with novel Lyapunov-based analysis for nonlinear systems with unmodeled dynamics. Journal of the Franklin Institute, 2022, 359, 6804-6828.	1.9	4
34	Containment control of heterogeneous systems with active leaders of bounded unknown control using reinforcement learning. , 2017, , .		3
35	Dynamic Intermittent Suboptimal Control: Performance Quantification and Comparisons. , 2018, , .		2
36	Hamiltonian-Driven Adaptive Dynamic Programming Based on Extreme Learning Machine. Lecture Notes in Computer Science, 2017, , 197-205.	1.0	2

#	Article	IF	Citations
37	Optimal Recursive Backstepping for Nonlinear Systems in a Strict-Feedback Form with Continuous and Intermittent Updates. , 2020, , .		2
38	Dynamic Intermittent Q-Learning for Systems with Reduced Bandwidth. , 2018, , .		1
39	Off-Policy Integral Reinforcement Learning for Semi-Global Constrained Output Regulation of Continuous-Time Linear Systems. , 2018, , .		0
40	Model-free semi-global output regulation for discrete-time linear systems subject to input amplitude saturation. , 2018, , .		0
41	Data-Driven Solutions to Mixed H_{2}/H_{∞} Control: A Hamilton-Inequality-Driven Reinforcement Learning Approach. , 2020, , .		0
42	Adaptive Dynamic Programming in the Hamiltonian-Driven Framework. Studies in Systems, Decision and Control, 2021, , 189-214.	0.8	0
43	Output Feedback Design with Dynamic Surface for Nonlinear Systems with Unmodeled Dynamics. , 2021, , .		0
44	Model-Free Solution to the Discrete-Time Coupled Riccati Equation Using Off-Policy Reinforcement Learning. , 2019, , .		0
45	Data-driven dynamic multi-objective optimal control: A Hamiltonian-inequality driven satisficing reinforcement learning approach. IFAC-PapersOnLine, 2020, 53, 8070-8075.	0.5	0
46	Observer-based Adaptive Controller Design for Nonlinear Saturation Systems With Output Constraints. IFAC-PapersOnLine, 2020, 53, 675-680.	0.5	0
47	Command Filtered Control for Time-Delay Systems with Asymmetric Full State Constraints. , 2021, , .		0