

Patryk Deptula

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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19
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Approximate Dynamic Programming: Combining Regional and Local State Following Approximations. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2154-2166.	11.3	23
2	Data-based reinforcement learning approximate optimal control for an uncertain nonlinear system with control effectiveness faults. Automatica, 2020, 116, 108922.	5.0	19
3	Sparse Learning-Based Approximate Dynamic Programming With Barrier Constraints. , 2020, 4, 743-748.		19
4	A Switched Systems Approach to Path Following With Intermittent State Feedback. IEEE Transactions on Robotics, 2019, 35, 725-733.	10.3	17
5	Approximate Optimal Motion Planning to Avoid Unknown Moving Avoidance Regions. IEEE Transactions on Robotics, 2020, 36, 414-430.	10.3	15
6	Event/Self-Triggered Approximate Leader-Follower Consensus With Resilience to Byzantine Adversaries. IEEE Transactions on Automatic Control, 2022, 67, 1356-1370.	5.7	10
7	A Switched Systems Framework for Path Following With Intermittent State Feedback. , 2018, 2, 749-754.		9
8	Single Agent Indirect Herding via Approximate Dynamic Programming. , 2018, , .		8
9	Velocity and Path Reconstruction of a Moving Object Using a Moving Camera. , 2018, , .		8
10	A Switched Systems Approach to Consensus of a Distributed Multi-agent System with Intermittent Communication. , 2019, , .		8
11	Approximate optimal influence over an agent through an uncertain interaction dynamic. Automatica, 2021, 134, 109913.	5.0	8
12	A Switched Lyapunov-Passivity Approach to Motorized FES Cycling Using Adaptive Admittance Control. IEEE Transactions on Control Systems Technology, 2022, 30, 740-754.	5.2	7
13	Event-Triggered Approximate Leader-Follower Consensus with Resilience to Byzantine Adversaries. , 2019, , .		6
14	Cycling With Functional Electrical Stimulation and Adaptive Neural Network Admittance Control. , 2019, , .		5
15	Data-Based Reinforcement Learning Approximate Optimal Control for an Uncertain Nonlinear System with Partial Loss of Control Effectiveness. , 2018, , .		4
16	Online Approximate Optimal Path-Planner in the Presence of Mobile Avoidance Regions. , 2018, , .		2
17	Reinforcement Learning with Sparse Bellman Error Extrapolation for Infinite-Horizon Approximate Optimal Regulation. , 2019, , .		2
18	Simultaneous Estimation of Euclidean Distances to a Stationary Object's Features and the Euclidean Trajectory of a Monocular Camera. IEEE Transactions on Automatic Control, 2021, 66, 4252-4258.	5.7	2

#	ARTICLE	IF	CITATIONS
19	Mixed Density Methods for Approximate Dynamic Programming. Studies in Systems, Decision and Control, 2021, , 139-172.	1.0	1