Jie Fu

List of Publications by Year
in descending order

23 papers	138 citations	1684188 5 h-index	1720034 7 g-index
24 all docs	24 docs citations	24 times ranked	125 citing authors

#	Article	IF	Citations
1	Semantic SLAM with Autonomous Object-Level Data Association. , 2021, , .		19
2	Optimal temporal logic planning in probabilistic semantic maps. , 2016, , .		16
3	Automata theory meets approximate dynamic programming: Optimal control with temporal logic constraints. , 2016, , .		16
4	Synthesis of Joint Control and Active Sensing Strategies Under Temporal Logic Constraints. IEEE Transactions on Automatic Control, 2016, 61, 3464-3476.	5.7	14
5	Deceptive Labeling: Hypergames on Graphs for Stealthy Deception. , 2021, 5, 977-982.		8
6	A Validated Physical Model For Real-Time Simulation of Soft Robotic Snakes. , 2019, , .		7
7	Towards Accurate Loop Closure Detection in Semantic SLAM With 3D Semantic Covisibility Graphs. IEEE Robotics and Automation Letters, 2022, 7, 2455-2462.	5.1	7
8	Expedited Learning in MDPs with Side Information. , 2018, , .		6
9	Optimal Minimum Violation Control Synthesis of Cyber-Physical Systems Under Attacks. IEEE Transactions on Automatic Control, 2021, 66, 995-1008.	5.7	6
10	A Compositional Approach to Reactive Games under Temporal Logic Specifications. , 2018, , .		5
11	Human Model-Based Active Driving System in Vehicular Dynamic Simulation. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1903-1914.	8.0	5
12	Decoy Allocation Games on Graphs with Temporal Logic Objectives. Lecture Notes in Computer Science, 2020, , 168-187.	1.3	5
13	Robust optimal policies for Markov decision processes with safety-threshold constraints. , 2016, , .		4
14	Scalable User-Substation Assignment with Big Data from Power Grids. IEEE Transactions on Big Data, 2019, 5, 209-222.	6.1	4
15	Minimum Violation Control Synthesis on Cyber-Physical Systems under Attacks. , 2018, , .		3
16	Exploiting Beneficial Information Sharing Among Autonomous Vehicles. , 2019, , .		3
17	Opportunistic Synthesis in Reactive Games under Information Asymmetry. , 2019, , .		3
18	A Receding-Horizon MDP Approach for Performance Evaluation of Moving Target Defense in Networks. , 2020, , .		2

#	Article	IF	Citations
19	Approximate Dynamic Programming with Probabilistic Temporal Logic Constraints. , 2019, , .		1
20	Compositional planning in Markov decision processes: Temporal abstraction meets generalized logic composition. , 2019, , .		1
21	Topological Approximate Dynamic Programming under Temporal Logic Constraints. , 2019, , .		1
22	Dynamic Hypergames for Synthesis of Deceptive Strategies With Temporal Logic Objectives. IEEE Transactions on Automation Science and Engineering, 2023, 20, 334-345.	5.2	1
23	Opportunistic Synthesis in Reactive Games under Information Asymmetry. , 2019, , .		0