

Ali Safaei

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

330
citations

1477746

6
h-index

1199166

12
g-index

23
all docs

23
docs citations

23
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimum sizing and optimum energy management of a hybrid energy storage system for lithium battery life improvement. <i>Journal of Power Sources</i> , 2013, 244, 2-10.	4.0	169
2	Adaptive Model-Free Control Based on an Ultra-Local Model With Model-Free Parameter Estimations for a Generic SISO System. <i>IEEE Access</i> , 2018, 6, 4266-4275.	2.6	42
3	Optimal model-free control for a generic MIMO nonlinear system with application to autonomous mobile robots. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018, 32, 792-815.	2.3	22
4	Matlab-based modeling, simulation and design package for Electric, Hydraulic and Flywheel hybrid powertrains of a city bus. <i>International Journal of Automotive Technology</i> , 2014, 15, 1001-1013.	0.7	10
5	Adaptive Cooperative Localization Using Relative Position Estimation for Networked Systems With Minimum Number of Communication Links. <i>IEEE Access</i> , 2019, 7, 32368-32382.	2.6	10
6	Designing an intelligent control strategy for hybrid powertrains utilizing a fuzzy driving cycle identification agent. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2015, 229, 1169-1188.	1.1	9
7	Adaptive model-free control for robotic manipulators. , 2017, , .		9
8	Lyapunov-based nonlinear controller for quadrotor position and attitude tracking with GA optimization. , 2016, , .		8
9	An optimal adaptive model-free control with a Kalman-filter-based observer for a generic nonlinear MIMO system. , 2017, , .		7
10	Adaptive model-free consensus control for a network of nonlinear agents under the presence of measurement noise. , 2017, , .		5
11	A solution for the cooperative formation-tracking problem in a network of completely unknown nonlinear dynamic systems without relative position information. <i>International Journal of Systems Science</i> , 2018, 49, 3459-3475.	3.7	4
12	Cooperative Adaptive Model-Free Control With Model-Free Estimation and Online Gain Tuning. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 8642-8654.	6.2	4
13	Design and Simulation of Air Cooled Battery Thermal Management System Using Thermoelectric for a Hybrid Electric Bus. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 463-473.	0.3	4
14	Robust Adaptive Cooperative Control for Formation-Tracking Problem in a Network of Non-Affine Nonlinear Agents. , 0, , .		3
15	Distributed adaptive model-free cooperative control for a network of generic unknown nonlinear systems. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141880148.	1.3	3
16	Adaptive relative velocity estimation algorithm for autonomous mobile robots using the measurements on acceleration and relative distance. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020, 34, 372-388.	2.3	3
17	Application of the Optimal Adaptive Model-Free Control Algorithm on an Autonomous Underwater Vehicle. , 2018, , .		2
18	Modeling and Adaptive Control Design for a Quadrotor. <i>Lecture Notes in Electrical Engineering</i> , 2017, , 443-452.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Distributed observer for a team of autonomous underwater vehicles utilizing a beacon unit on the surface. , 2017, , .		1
20	Velocity estimation for UAVs using ultra wide-band system. , 2021, , .		1
21	Optimized Control Strategy Based on the Driving Cycle Type for a Hydraulic Hybrid Bus. , 2012, , .		0
22	Adaptive model-free formation-tracking controller and observer for collaborative payload transport by four drones. , 2021, , .		0