# Ali Safaei

List of Publications by Year
in descending order

| | | 1477746 | 1199166 |
|---|---|---|---|
| 22 papers | 330 citations | 6 h-index | 12 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 392 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Cooperative Adaptive Model-Free Control With Model-Free Estimation and Online Gain Tuning. IEEE Transactions on Cybernetics, 2022, 52, 8642-8654. | 6.2 | 4 |
| 2 | Velocity estimation for UAVs using ultra wide-band system. , 2021, , . | | 1 |
| 3 | Adaptive model-free formation-tracking controller and observer for collaborative payload transport by four drones. , 2021, , . | | 0 |
| 4 | Adaptive relative velocity estimation algorithm for autonomous mobile robots using the measurements on acceleration and relative distance. International Journal of Adaptive Control and Signal Processing, 2020, 34, 372-388. | 2.3 | 3 |
| 5 | Adaptive Cooperative Localization Using Relative Position Estimation for Networked Systems With Minimum Number of Communication Links. IEEE Access, 2019, 7, 32368-32382. | 2.6 | 10 |
| 6 | Adaptive Model-Free Control Based on an Ultra-Local Model With Model-Free Parameter Estimations for a Generic SISO System. IEEE Access, 2018, 6, 4266-4275. | 2.6 | 42 |
| 7 | Optimal model–free control for a generic MIMO nonlinear system with application to autonomous mobile robots. International Journal of Adaptive Control and Signal Processing, 2018, 32, 792-815. | 2.3 | 22 |
| 8 | Application of the Optimal Adaptive Model-Free Control Algorithm on an Autonomous Underwater Vehicle. , 2018, , . | | 2 |
| 9 | Distributed adaptive model-free cooperative control for a network of generic unknown nonlinear systems. International Journal of Advanced Robotic Systems, 2018, 15, 172988141880148. | 1.3 | 3 |
| 10 | A solution for the cooperative formation-tracking problem in a network of completely unknown nonlinear dynamic systems without relative position information. International Journal of Systems Science, 2018, 49, 3459-3475. | 3.7 | 4 |
| 11 | Modeling and Adaptive Control Design for a Quadrotor. Lecture Notes in Electrical Engineering, 2017, , 443-452. | 0.3 | 1 |
| 12 | Adaptive model-free control for robotic manipulators. , 2017, , . | | 9 |
| 13 | Adaptive model-free consensus control for a network of nonlinear agents under the presence of measurement noise. , 2017, , . | | 5 |
| 14 | Distributed observer for a team of autonomous underwater vehicles utilizing a beacon unit on the surface. , 2017, , . | | 1 |
| 15 | An optimal adaptive model-free control with a Kalman-filter-based observer for a generic nonlinear MIMO system. , 2017, , . | | 7 |
| 16 | Lyapunov-based nonlinear controller for quadrotor position and attitude tracking with GA optimization. , 2016, , . | | 8 |
| 17 | Designing an intelligent control strategy for hybrid powertrains utilizing a fuzzy driving cycle identification agent. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2015, 229, 1169-1188. | 1.1 | 9 |
| 18 | Matlab-based modeling, simulation and design package for Eletric, Hydraulic and Flywheel hybrid powertrains of a city bus. International Journal of Automotive Technology, 2014, 15, 1001-1013. | 0.7 | 10 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Optimum sizing and optimum energy management of a hybrid energy storage system for lithium battery life improvement. Journal of Power Sources, 2013, 244, 2-10. | 4.0 | 169 |
| 20 | Design and Simulation of Air Cooled Battery Thermal Management System Using Thermoelectric for a Hybrid Electric Bus. Lecture Notes in Electrical Engineering, 2013, , 463-473. | 0.3 | 4 |
| 21 | Optimized Control Strategy Based on the Driving Cycle Type for a Hydraulic Hybrid Bus. , 2012, , . | | 0 |
| 22 | Robust Adaptive Cooperative Control for Formation-Tracking Problem in a Network of Non-Affine Nonlinear Agents. , 0, , . | | 3 |