

Yuankai

List of Publications by Year in descending order

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14
papers

159
citations

1684188
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14
all docs

14
docs citations

14
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive risk-free coordinated trajectory planning for UAV cluster in dynamic obstacle environment. Aerospace Systems, 2022, 5, 419-428.	1.4	4
2	A Q-learning based UAV Path Planning Method with Awareness of Risk Avoidance. , 2021, , .		6
3	Adaptive Radau pseudo-spectral optimization for descending trajectory of a hypersonic cruise vehicle. Aerospace Systems, 2020, 3, 275-286.	1.4	3
4	Space infrared tracking of a hypersonic cruise vehicle using an adaptive scaling UKF. Aerospace Systems, 2020, 3, 287-296.	1.4	4
5	Optimal- switched extended H \hat{a} filter for nonlinear systems with stochastic uncertainties. International Journal of Robust and Nonlinear Control, 2020, 30, 2850-2870.	3.7	3
6	Definition and Application of Variable Resistance Coefficient for Wheeled Mobile Robots on Deformable Terrain. IEEE Transactions on Robotics, 2020, 36, 894-909.	10.3	56
7	A multi-mode real-time terrain parameter estimation method for wheeled motion control of mobile robots. Mechanical Systems and Signal Processing, 2018, 104, 758-775.	8.0	20
8	Adaptive suboptimal H \hat{a} filtering for space-maneuvering target tracking. Aerospace Systems, 2018, 1, 23-29.	1.4	1
9	Non-Cooperative Target Tracking, Fusion and Control. Information Fusion and Data Science, 2018, , .	0.3	9
10	Adaptive torque estimation of robot joint with harmonic drive transmission. Mechanical Systems and Signal Processing, 2017, 96, 1-15.	8.0	27
11	Optimal-Switched H \hat{a} Robust Tracking for Maneuvering Space Target. IFAC-PapersOnLine, 2016, 49, 415-419.	0.9	3
12	Modeling of Task Planning for Multirobot System Using Reputation Mechanism. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	0
13	Error-Tolerant Switched Robust Extended Kalman Filter With Application to Parameter Estimation of Wheel-Soil Interaction. IEEE Transactions on Control Systems Technology, 2014, 22, 1448-1460.	5.2	23
14	Intelligent sensing and control for aerospace unmanned systems. Aerospace Systems, 0, , 1.	1.4	0