

Yuankai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

159
citations

1684188

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1281871

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docs citations

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times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Adaptive torque estimation of robot joint with harmonic drive transmission. Mechanical Systems and Signal Processing, 2017, 96, 1-15.	8.0	27
3	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
4	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
5	Non-Cooperative Target Tracking, Fusion and Control. Information Fusion and Data Science, 2018, , .	0.3	9
6	A Q-learning based UAV Path Planning Method with Awareness of Risk Avoidance. , 2021, , .		6
7	Space infrared tracking of a hypersonic cruise vehicle using an adaptive scaling UKF. Aerospace Systems, 2020, 3, 287-296.	1.4	4
8	Adaptive risk-free coordinated trajectory planning for UAV cluster in dynamic obstacle environment. Aerospace Systems, 2022, 5, 419-428.	1.4	4
9	Optimal-Switched H ∞ Robust Tracking for Maneuvering Space Target. IFAC-PapersOnLine, 2016, 49, 415-419.	0.9	3
10	Adaptive Radau pseudo-spectral optimization for descending trajectory of a hypersonic cruise vehicle. Aerospace Systems, 2020, 3, 275-286.	1.4	3
11	Optimal ∞ switched extendedH ∞ filter for nonlinear systems with stochastic uncertainties. International Journal of Robust and Nonlinear Control, 2020, 30, 2850-2870.	3.7	3
12	Adaptive suboptimal H ∞ filtering for space-maneuvering target tracking. Aerospace Systems, 2018, 1, 23-29.	1.4	1
13	Modeling of Task Planning for Multirobot System Using Reputation Mechanism. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	0
14	Intelligent sensing and control for aerospace unmanned systems. Aerospace Systems, 0, , 1.	1.4	0