Yuankai Li

List of Publications by Year
in descending order

12 papers	125 citations	1478505 6 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	143 citing authors

#	Article	IF	Citations
1	New perspective on characterizing pressure–sinkage relationship of terrains for estimating interaction mechanics. Journal of Terramechanics, 2014, 52, 57-76.	3.1	34
2	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
3	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
4	Three-layer intelligence of planetary exploration wheeled mobile robots: Robint, virtint, and humint. Science China Technological Sciences, 2015, 58, 1299-1317.	4.0	16
5	Maneuver-Aided Active Satellite Tracking Using Six-DOF Optimal Dynamic Inversion Control. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 704-719.	4.7	15
6	Attitude-based dynamic and kinematic models for wheels of mobile robot on deformable slope. Robotics and Autonomous Systems, 2016, 75, 161-175.	5.1	11
7	Optimal-Switched H_∞ Robust Tracking for Maneuvering Space Target. IFAC-PapersOnLine, 2016, 49, 415-419.	0.9	3
8	Optimal-switched extended H_∞ filter for nonlinear systems with stochastic uncertainties. International Journal of Robust and Nonlinear Control, 2020, 30, 2850-2870.	3.7	3
9	Nonlinear Filter. Information Fusion and Data Science, 2018, , 7-22.	0.3	0
10	Adaptive H Kalman filtering for stochastic systems with nonlinear uncertainties. , 2020, , 243-264.		0
11	Optimal Dynamic Inversion Control for Spacecraft Maneuver-Aided Tracking. Information Fusion and Data Science, 2018, , 307-329.	0.3	0
12	Optimal-Switched H_∞ Robust Tracking for Maneuvering Space Target. Information Fusion and Data Science, 2018, , 151-160.	0.3	0