Naigang Cui

List of Publications by Year in descending order

		1307594	940533
19 papers	**297** citations	**7** h-index	**16** g-index
19 all docs	**19** docs citations	**19** times ranked	**232** citing authors

#	Article	IF	Citations
1	Semi-globally smooth control for VTVL reusable launch vehicle under actuator faults and attitude constraints. Acta Astronautica, 2022, 191, 528-546.	3.2	5
2	Determination of optimal positive position feedback parameters by using nonsmooth Hˆž synthesis. JVC/Journal of Vibration and Control, 2021, 27, 1466-1478.	2.6	2
3	Ascent control of heavy-lift launch vehicle with guaranteed predefined performance. Aerospace Science and Technology, 2021, 110, 106511.	4.8	10
4	Active vibration suppression for flexible satellites using a novel component synthesis method. Advances in Space Research, 2021, 67, 1968-1980.	2.6	10
5	Cooperative Guidance Law with Predefined-Time Convergence for Multimissile Systems. Mathematical Problems in Engineering, 2021, 2021, 1-13.	1.1	3
6	Fixed-Time Cooperative Guidance Law With Angle Constraint for Multiple Missiles Against Maneuvering Target. IEEE Access, 2020, 8, 73268-73277.	4.2	21
7	Flexible satellite control via fixed-time prescribed performance control and fully adaptive component synthesis vibration suppression. Nonlinear Dynamics, 2020, 100, 3413-3432.	5.2	27
8	High-precision prescribed-time path following for quadrotor. International Journal of Advanced Robotic Systems, 2020, 17, 172988142092005.	2.1	3
9	Hybrid consensus€based distributed pseudomeasurement information filter for small UAVs tracking in wireless sensor network. IET Radar, Sonar and Navigation, 2020, 14, 556-563.	1.8	5
10	Variational Bayesian adaptive high€degree cubature Huber€based filter for vision€aided inertial navigation on asteroid missions. IET Radar, Sonar and Navigation, 2020, 14, 1391-1401.	1.8	6
11	Robust decentralised state estimation for formation flying spacecraft. IET Radar, Sonar and Navigation, 2019, 13, 814-823.	1.8	7
12	Adaptive fault-tolerant control for a VTVL reusable launch vehicle. Acta Astronautica, 2019, 159, 362-370.	3.2	40
13	Rigid€"flexible coupled dynamics analysis for solar sails. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 324-340.	1.3	5
14	Fixed-time extended state observer based non-singular fast terminal sliding mode control for a VTVL reusable launch vehicle. Aerospace Science and Technology, 2018, 82-83, 70-79.	4.8	102
15	A Two-Stage Rapid Trajectory Optimization Algorithm for Hypersonic Entry. , 2018, , .		0
16	Fixed-time sliding mode attitude tracking control for a submarine-launched missile with multiple disturbances. Nonlinear Dynamics, 2018, 93, 2543-2563.	5.2	38
17	Adaptive generalized super-twisting algorithm based guidance law design. , 2016, , .		4
18	Dynamics and Control of a Flexible Solar Sail. Mathematical Problems in Engineering, 2014, 2014, 1-25.	1.1	7

#	Article	IF	Citations
19	Inflatable deployment dynamics simulation of Solar sail spacecraft support tube. , 2009, , .		2