

Naigang Cui

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

297
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1307594

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940533

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all docs

19
docs citations

19
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Fixed-time extended state observer based non-singular fast terminal sliding mode control for a VTVL reusable launch vehicle. <i>Aerospace Science and Technology</i> , 2018, 82-83, 70-79.	4.8	102
2	Adaptive fault-tolerant control for a VTVL reusable launch vehicle. <i>Acta Astronautica</i> , 2019, 159, 362-370.	3.2	40
3	Fixed-time sliding mode attitude tracking control for a submarine-launched missile with multiple disturbances. <i>Nonlinear Dynamics</i> , 2018, 93, 2543-2563.	5.2	38
4	Flexible satellite control via fixed-time prescribed performance control and fully adaptive component synthesis vibration suppression. <i>Nonlinear Dynamics</i> , 2020, 100, 3413-3432.	5.2	27
5	Fixed-Time Cooperative Guidance Law With Angle Constraint for Multiple Missiles Against Maneuvering Target. <i>IEEE Access</i> , 2020, 8, 73268-73277.	4.2	21
6	Ascent control of heavy-lift launch vehicle with guaranteed predefined performance. <i>Aerospace Science and Technology</i> , 2021, 110, 106511.	4.8	10
7	Active vibration suppression for flexible satellites using a novel component synthesis method. <i>Advances in Space Research</i> , 2021, 67, 1968-1980.	2.6	10
8	Dynamics and Control of a Flexible Solar Sail. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-25.	1.1	7
9	Robust decentralised state estimation for formation flying spacecraft. <i>IET Radar, Sonar and Navigation</i> , 2019, 13, 814-823.	1.8	7
10	Variational Bayesian adaptive high-degree cubature Huber-based filter for vision-aided inertial navigation on asteroid missions. <i>IET Radar, Sonar and Navigation</i> , 2020, 14, 1391-1401.	1.8	6
11	Rigid-flexible coupled dynamics analysis for solar sails. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 324-340.	1.3	5
12	Hybrid consensus-based distributed pseudomeasurement information filter for small UAVs tracking in wireless sensor network. <i>IET Radar, Sonar and Navigation</i> , 2020, 14, 556-563.	1.8	5
13	Semi-globally smooth control for VTVL reusable launch vehicle under actuator faults and attitude constraints. <i>Acta Astronautica</i> , 2022, 191, 528-546.	3.2	5
14	Adaptive generalized super-twisting algorithm based guidance law design. , 2016, , .		4
15	High-precision prescribed-time path following for quadrotor. <i>International Journal of Advanced Robotic Systems</i> , 2020, 17, 172988142092005.	2.1	3
16	Cooperative Guidance Law with Predefined-Time Convergence for Multimissile Systems. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-13.	1.1	3
17	Inflatable deployment dynamics simulation of Solar sail spacecraft support tube. , 2009, , .		2
18	Determination of optimal positive position feedback parameters by using nonsmooth H ∞ synthesis. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 1466-1478.	2.6	2

#	ARTICLE	IF	CITATIONS
19	A Two-Stage Rapid Trajectory Optimization Algorithm for Hypersonic Entry. , 2018, , .		0