

Wei Huo

List of Publications by Year in descending order

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14
papers

648
citations

758635

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1125271

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14
docs citations

14
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Backstepping Control of Spacecraft Rendezvous and Proximity Operations With Input Saturation and Full-State Constraint. IEEE Transactions on Industrial Electronics, 2017, 64, 480-492.	5.2	163
2	Robust adaptive relative position tracking and attitude synchronization for spacecraft rendezvous. Aerospace Science and Technology, 2015, 41, 28-35.	2.5	112
3	6-DOF integrated adaptive backstepping control for spacecraft proximity operations. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2433-2443.	2.6	87
4	Disturbance-Observer-Based Robust Relative Pose Control for Spacecraft Rendezvous and Proximity Operations Under Input Saturation. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1605-1617.	2.6	59
5	Adaptive Fuzzy Control of Spacecraft Proximity Operations Using Hierarchical Fuzzy Systems. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1629-1640.	3.7	53
6	Robust Nonlinear Adaptive Relative Pose Control for Cooperative Spacecraft During Rendezvous and Proximity Operations. IEEE Transactions on Control Systems Technology, 2017, 25, 1840-1847.	3.2	46
7	Robust adaptive control of spacecraft proximity maneuvers under dynamic coupling and uncertainty. Advances in Space Research, 2015, 56, 2206-2217.	1.2	32
8	Adaptive control for spacecraft rendezvous subject to actuator faults and saturations. ISA Transactions, 2018, 80, 176-186.	3.1	24
9	Adaptive nonlinear robust relative pose control of spacecraft autonomous rendezvous and proximity operations. ISA Transactions, 2017, 67, 47-55.	3.1	17
10	Singularity-free nonlinear controller for a model-scaled autonomous helicopter. IET Control Theory and Applications, 2016, 10, 210-219.	1.2	15
11	Singularity-free backstepping controller for model helicopters. ISA Transactions, 2016, 65, 133-142.	3.1	14
12	Robust adaptive relative position and attitude control for spacecraft autonomous proximity. ISA Transactions, 2016, 63, 11-19.	3.1	14
13	Robust adaptive backstepping control for autonomous spacecraft proximity maneuvers. International Journal of Control, Automation and Systems, 2016, 14, 753-762.	1.6	10
14	Stabilizing a VTOL Aircraft Based on Controlled Lagrangian Method. , 2019, , .		2