

Hanxu Sun

List of Publications by Year in descending order

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10
papers

49
citations

1684188

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1720034

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10
all docs

10
docs citations

10
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Error Modeling in Distance and Rotation for Self-Calibration of Space Robots on Orbit. International Journal of Aerospace Engineering, 2019, 2019, 1-16.	0.9	1
2	Failure tolerance strategy of space manipulator for large load carrying tasks. Acta Astronautica, 2018, 148, 186-204.	3.2	14
3	A Novel Optimal Design of Measurement Configurations in Robot Calibration. Mathematical Problems in Engineering, 2018, 2018, 1-17.	1.1	7
4	Finite Time Controller for Point Stabilization of a Spherical Underwater Roving Robot. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	1
5	Hierarchical Task Planning for Multiarm Robot with Multiconstraint. Mathematical Problems in Engineering, 2016, 2016, 1-17.	1.1	5
6	A Hierarchical Reliability Control Method for a Space Manipulator Based on the Strategy of Autonomous Decision-Making. International Journal of Aerospace Engineering, 2016, 2016, 1-12.	0.9	1
7	Trajectory Optimization for Velocity Jumps Reduction considering the Unexpectedness Characteristics of Space Manipulator Joint-Locked Failure. International Journal of Aerospace Engineering, 2016, 2016, 1-14.	0.9	9
8	Research on Construction Method of Operational Reliability Control Model for Space Manipulator Based on Particle Filter. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	1
9	Effects of joint controller on analytical modal analysis of rotational flexible manipulator. Chinese Journal of Mechanical Engineering (English Edition), 2015, 28, 460-469.	3.7	6
10	Research on Control Method Based on Real-Time Operational Reliability Evaluation for Space Manipulator. Advances in Mechanical Engineering, 2014, 6, 179293.	1.6	4