

# Hanxu Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6581628/publications.pdf>

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10  
papers

49  
citations

1684188

5  
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1720034

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docs citations

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times ranked

54  
citing authors

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