

Junjie Kang

List of Publications by Year in descending order

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9
papers

180
citations

1163117
8
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1474206
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9
all docs

9
docs citations

9
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional order sliding mode control for tethered satellite deployment with disturbances. <i>Advances in Space Research</i> , 2017, 59, 263-273.	2.6	71
2	Dynamics and control of de-spinning giant asteroids by small tethered spacecraft. <i>Aerospace Science and Technology</i> , 2019, 94, 105394.	4.8	24
3	A unified energy-based control framework for tethered spacecraft deployment. <i>Nonlinear Dynamics</i> , 2019, 95, 1117-1131.	5.2	18
4	Analytical and Experimental Investigation of Stabilizing Rotating Uncooperative Target by Tethered Space Tug. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 2426-2437.	4.7	18
5	Model predictive control for spin-up maneuver of an electrodynamic tether system. <i>Acta Astronautica</i> , 2021, 189, 55-62.	3.2	16
6	Dynamics and de-spin control of massive target by single tethered space tug. <i>Chinese Journal of Aeronautics</i> , 2019, 32, 653-659.	5.3	12
7	De-Spin of Massive Rotating Space Object by Tethered Space Tug. <i>Journal of Guidance, Control, and Dynamics</i> , 2018, 41, 2463-2469.	2.8	10
8	Barrier function based finite-time tracking control for a class of uncertain nonlinear systems with input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 83-100.	3.7	9
9	Hamiltonian formulation and energy-based control for space tethered system deployment and retrieval. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2019, 43, 463-470.	0.8	2