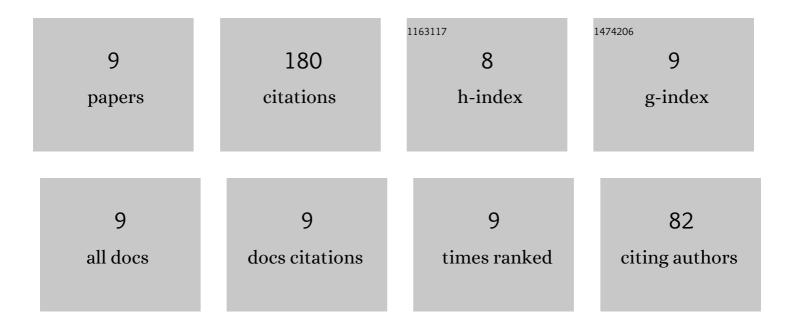
## Junjie Kang

List of Publications by Year in descending order

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LUNUE KANC

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