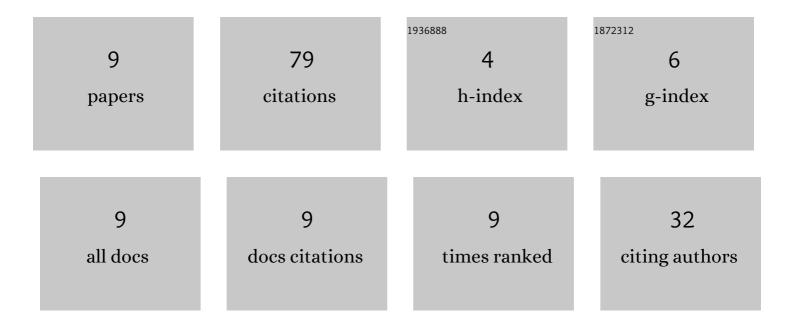
## Xiaoyan Yu

List of Publications by Year in descending order

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ΧΙΛΟΧΛΝ ΥΠ

#	Article	IF	CITATIONS
1	Robust fuzzy sliding mode control and vibration suppression of free-floating flexible-link and flexible-joints space manipulator with external interference and uncertain parameter. Robotica, 2022, 40, 997-1019.	1.3	15
2	Time delay estimation-based reactionless augmented adaptive sliding mode control of a space manipulator's pregrasping a target. Robotica, 2022, 40, 3136-3156.	1.3	3
3	Buffer Compliance Control of Space Robots Capturing a Non-Cooperative Spacecraft Based on Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 5783.	1.3	13
4	Hybrid-Trajectory Based Terminal Sliding Mode Control of a Flexible Space Manipulator with an Elastic Base. Robotica, 2020, 38, 550-563.	1.3	13
5	Terminal Sliding Mode Adaptive Fuzzy Controller of a Free-Floating Space Manipulator Based on Time Delay Estimation. Mechanisms and Machine Science, 2020, , 440-449.	0.3	1
6	T-S Fuzzy Compensation Based Sliding Mode Control for a Free-Floating Space Manipulator. Mechanisms and Machine Science, 2020, , 419-429.	0.3	0
7	Observer-based two-time scale robust control of free-flying flexible-joint space manipulators with external disturbances. Robotica, 2017, 35, 2201-2217.	1.3	25
8	Observer Based Robust Control and Vibration Control for a Free-floating flexible Space Manipulator. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2016, 52, 28.	0.7	2
9	Dynamic modeling and control of a free-flying space robot with flexible-link and flexible-joints. , 2014, , .		7