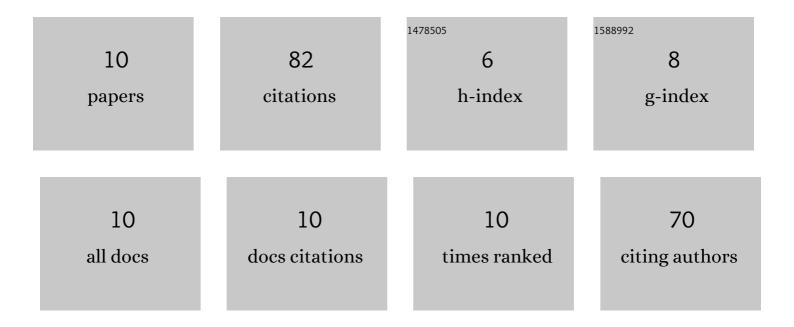
Julie Legrand

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	From a Disposable Ureteroscope to an Active Lightweight Fetoscope—Characterization and Usability Evaluation. IEEE Robotics and Automation Letters, 2018, 3, 4359-4366.	5.1	16
2	A Healable Resistive Heater as a Stimuli-Providing System in Self-Healing Soft Robots. IEEE Robotics and Automation Letters, 2022, 7, 4574-4581.	5.1	11
3	Integrated Capacitance Sensing for Miniature Artificial Muscle Actuators. IEEE Sensors Journal, 2020, 20, 1363-1372.	4.7	10
4	A large displacement model for superelastic material side-notched tube instruments. International Journal of Mechanical Sciences, 2021, 197, 106329.	6.7	10
5	A miniature robotic steerable endoscope for maxillary sinus surgery called PliENT. Scientific Reports, 2022, 12, 2299.	3.3	9
6	Handheld Active Add-On Control Unit for a Cable-Driven Flexible Endoscope. Frontiers in Robotics and Al, 2019, 6, 87.	3.2	8
7	Active Handheld Flexible Fetoscope–Design and Control Based on a Modified Generalized Prandtl-Ishlinski Model. , 2020, , .		7
8	Design and Shared Control of a Flexible Endoscope with Autonomous Distal Tip Alignment. , 2019, , .		5
9	A Method Based on 3D Shape Analysis Towards the Design of Flexible Instruments for Endoscopic Maxillary Sinus Surgery. Annals of Biomedical Engineering, 2021, 49, 1534-1550.	2.5	4
10	Quasi-Static FEA Model for a Multi-Material Soft Pneumatic Actuator in SOFA. IEEE Robotics and Automation Letters, 2022, 7, 7391-7398.	5.1	2