

Patrice Lambert

List of Publications by Year in descending order

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166
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobility of overconstrained parallel mechanisms with reconfigurable end-effectors. Mechanism and Machine Theory, 2022, 171, 104722.	4.5	7
2	Design, Modeling, and Implementation of a 7-DOF Cable-Driven Haptic Device With a Configurable Cable Platform. IEEE Robotics and Automation Letters, 2020, 5, 5764-5771.	5.1	15
3	A 7-DOF redundantly actuated parallel haptic device combining 6-DOF manipulation and 1-DOF grasping. Mechanism and Machine Theory, 2019, 134, 349-364.	4.5	33
4	Design and Analysis of a Novel Cable-Driven Haptic Master Device for Planar Grasping. Mechanisms and Machine Science, 2018, , 307-318.	0.5	2
5	A Systematic Approach for the Jacobian Analysis of Parallel Manipulators with Two End-Effectors. Mechanism and Machine Theory, 2017, 109, 171-194.	4.5	21
6	An Adjustable Constant Force Mechanism Using Pin Joints and Springs. Mechanisms and Machine Science, 2017, , 453-461.	0.5	13
7	Consistent modeling resolves asymmetry in stiffness matrices. Mechanism and Machine Theory, 2016, 105, 80-90.	4.5	4
8	Experimental Validation of Jacobian-Based Stiffness Analysis Method for Parallel Manipulators With Nonredundant Legs. Journal of Mechanisms and Robotics, 2016, 8, .	2.2	10
9	Jacobian-based stiffness analysis method for parallel manipulators with non-redundant legs. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 341-352.	2.1	25
10	Parallel robots with configurable platforms: Fundamental aspects of a new class of robotic architectures. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 463-472.	2.1	20
11	A novel parallel haptic device with 7 degrees of freedom. , 2015, , .		11
12	The QuadroG Robot, a Parallel Robot With a Configurable Platform for Haptic Applications. , 2015, , .		3
13	Generalized Jacobian Analysis of Parallel Manipulators With Multiple End-Effectors. , 2014, , .		2
14	Self Dual Topology of Parallel Mechanisms with Configurable Platforms. Mechanisms and Machine Science, 2014, , 291-298.	0.5	10
15	Static Balancing of Translational Parallel Mechanisms. , 2011, , .		3
16	A Novel 5 DOF Fully Parallel Robot Combining 3T1R Motion and Grasping. , 2010, , .		13
17	Determination and Management of Cable Interferences Between Two 6-DOF Foot Platforms in a Cable-Driven Locomotion Interface. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 528-544.	2.9	52