

Zonggao Mu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Segmented Geometry Method for Kinematics and Configuration Planning of Spatial Hyper-Redundant Manipulators. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1746-1756.	9.3	46
2	A modified modal method for solving the mission-oriented inverse kinematics of hyper-redundant space manipulators for on-orbit servicing. Acta Astronautica, 2017, 139, 54-66.	3.2	44
3	Design and Control of a Highly Redundant Rigid-flexible Coupling Robot to Assist the COVID-19 Oropharyngeal-Swab Sampling. IEEE Robotics and Automation Letters, 2022, 7, 1856-1863.	5.1	39
4	A collaborative robot for COVID-19 oropharyngeal swabbing. Robotics and Autonomous Systems, 2022, 148, 103917.	5.1	19
5	Simultaneous Planning Method Considering Both Overall Configuration and End Pose for Hyper-Redundant Manipulators. IEEE Access, 2019, 7, 136842-136854.	4.2	12
6	Development of a Rotary Ultrasonic Motor with Double-Sided Staggered Teeth. Micromachines, 2021, 12, 824.	2.9	8
7	Design and Implementation of a Novel, Intrinsically Safe Rigid-Flexible Coupling Manipulator for COVID-19 Oropharyngeal Swab Sampling. , 2021, , .		8
8	A Biarc Method for Kinematics and Configuration Planning of Concentric Wire-Driven Manipulators. IEEE Access, 2019, 7, 151439-151448.	4.2	7
9	A Spatial Biarc Method for Inverse Kinematics and Configuration Planning of Concentric Cable-Driven Manipulators. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4177-4186.	9.3	6
10	A Combined Planning Method Based on Biarc Curve and B�zier Curve for Concentric Cable-Driven Manipulators Working in Confined Environments. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4475-4486.	5.8	2