

Tianjiao Zheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design and Control of a Series-Parallel Elastic Actuator for a Weight-Bearing Exoskeleton Robot. Sensors, 2022, 22, 1055.	3.8	3
2	Task-oriented Hierarchical Control of Modular Soft Robots with External Vision Guidance. Journal of Bionic Engineering, 2022, 19, 657-667.	5.0	6
3	A Rehabilitation Training Interactive Method for Lower Limb Exoskeleton Robot. Mathematical Problems in Engineering, 2022, 2022, 1-15.	1.1	0
4	Modular Robotic Limbs for Astronaut Activities Assistance. Sensors, 2021, 21, 6305.	3.8	6
5	Tripping Avoidance Lower Extremity Exoskeleton Based on Virtual Potential Field for Elderly People. Sensors, 2020, 20, 5844.	3.8	6
6	PALExo: A Parallel Actuated Lower Limb Exoskeleton for High-Load Carrying. IEEE Access, 2020, 8, 67250-67262.	4.2	18
7	A Mechatronics-Embedded Pneumatic Soft Modular Robot Powered via Single Air Tube. Applied Sciences (Switzerland), 2019, 9, 2260.	2.5	9
8	DEVELOPMENT OF A COMPACT LOWER-LIMB EXOSKELETON FOR WALKING ASSISTANCE: A CASE STUDY. Journal of Mechanics in Medicine and Biology, 2019, 19, 1940039.	0.7	2
9	A Novel Weight-Bearing Lower Limb Exoskeleton Based on Motion Intention Prediction and Locomotion State Identification. IEEE Access, 2019, 7, 37620-37638.	4.2	23
10	Nonlinear Modeling and Docking Tests of a Soft Modular Robot. IEEE Access, 2019, 7, 11328-11337.	4.2	7
11	Parametric Gait Online Generation of a Lower-limb Exoskeleton for Individuals with Paraplegia. Journal of Bionic Engineering, 2018, 15, 941-949.	5.0	11