

Bin Ren

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Single Leg Gait Tracking of Lower Limb Exoskeleton Based on Adaptive Iterative Learning Control. Applied Sciences (Switzerland), 2019, 9, 2251.	2.5	13
2	A Novel Robust Finite-Time Trajectory Control With the High-Order Sliding Mode for Human-Robot Cooperation. IEEE Access, 2019, 7, 130874-130882.	4.2	11
3	Design of a Plantar Pressure Insole Measuring System Based on Modular Photoelectric Pressure Sensor Unit. Sensors, 2021, 21, 3780.	3.8	10
4	Gait trajectory-based interactive controller for lower limb exoskeletons for construction workers. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 558-572.	9.8	10
5	Motion Trajectories Prediction of Lower Limb Exoskeleton Based on Long Short-Term Memory (LSTM) Networks. Actuators, 2022, 11, 73.	2.3	10
6	Modeling occupancy distribution in large building spaces for HVAC energy efficiency. Energy Procedia, 2018, 152, 1230-1235.	1.8	7
7	On the kinematic design of anthropomorphic lower limb exoskeletons and their matching movement. International Journal of Advanced Robotic Systems, 2019, 16, 172988141987590.	2.1	5
8	A Gait Trajectory Control Scheme Through Successive Approximation Based on Radial Basis Function Neural Networks for the Lower Limb Exoskeleton Robot. Journal of Computing and Information Science in Engineering, 2020, 20, .	2.7	5
9	A Hybrid Adaptive Control Strategy for Industrial Robotic Joints. IEEE Access, 2019, 7, 47034-47042.	4.2	3
10	Simulating human-machine coupled model for gait trajectory optimization of the lower limb exoskeleton system based on genetic algorithm. International Journal of Advanced Robotic Systems, 2020, 17, 172988141989349.	2.1	3
11	Design of 4PUS-PPPS redundant parallel mechanism oriented to the visual system of flight simulator. International Journal of Intelligent Robotics and Applications, 2021, 5, 534-542.	2.8	3
12	A Torque Sensor-less Speed Control Method of Electric Assisted Bicycle. , 2018, , .		1
13	Sliding Mode Control for Systems with State Constraints: Application to a Quadrotor MAV. , 2018, , .		1
14	Research on calculation model of vehicle collision avoidance based on safe collision time. , 2019, , .		1