

Bin Ren

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Motion Trajectories Prediction of Lower Limb Exoskeleton Based on Long Short-Term Memory (LSTM) Networks. Actuators, 2022, 11, 73.	2.3	10
3	Design of a Plantar Pressure Insole Measuring System Based on Modular Photoelectric Pressure Sensor Unit. Sensors, 2021, 21, 3780.	3.8	10
4	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
5	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
6	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
7	A Hybrid Adaptive Control Strategy for Industrial Robotic Joints. IEEE Access, 2019, 7, 47034-47042.	4.2	3
8	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
9	Single Leg Gait Tracking of Lower Limb Exoskeleton Based on Adaptive Iterative Learning Control. Applied Sciences (Switzerland), 2019, 9, 2251.	2.5	13
10	Research on calculation model of vehicle collision avoidance based on safe collision time. , 2019, , .		1
11	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
12	Modeling occupancy distribution in large building spaces for HVAC energy efficiency. Energy Procedia, 2018, 152, 1230-1235.	1.8	7
13	A Torque Sensor-less Speed Control Method of Electric Assisted Bicycle. , 2018, , .		1
14	Sliding Mode Control for Systems with State Constraints: Application to a Quadrotor MAV. , 2018, , .		1