

Huanghe Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

178
citations

1937685

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1720034

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g-index

11
all docs

11
docs citations

11
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Ambulatory Gait Analysis in Walking and Running Using Machine Learning Models. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 191-202.	4.9	71
2	Estimating CoP Trajectories and Kinematic Gait Parameters in Walking and Running Using Instrumented Insoles. IEEE Robotics and Automation Letters, 2017, 2, 2159-2165.	5.1	40
3	Wearable Biofeedback System to Induce Desired Walking Speed in Overground Gait Training. Sensors, 2020, 20, 4002.	3.8	14
4	Transductive Learning Models for Accurate Ambulatory Gait Analysis in Elderly Residents of Assisted Living Facilities. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 124-134.	4.9	13
5	Validation of Insole-based Gait Analysis System in Young Children with a Neurodevelopmental Disorder and Autism Traits. , 2020, , .		9
6	Regression Models for Estimating Kinematic Gait Parameters with Instrumented Footwear. , 2018, , .		8
7	Improving the Accuracy of Wearable Sensors for Human Locomotion Tracking Using Phase-Locked Regression Models. , 2019, 2019, 145-150.		8
8	Robot-Assisted and Wearable Sensor-Mediated Autonomous Gait Analysis ^Å , 2020, , .		6
9	Mobile Robot Assisted Gait Monitoring and Dynamic Margin of Stability Estimation. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 460-471.	3.2	4
10	Reinforcement Learning-Based Adaptive Biofeedback Engine for Overground Walking Speed Training. IEEE Robotics and Automation Letters, 2022, 7, 8487-8494.	5.1	4
11	Corrections to "Accurate Ambulatory Gait Analysis in Walking and Running Using Machine Learning Models" IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1046-1046.	4.9	1