

Tian Tan

List of Publications by Year in descending order

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7
papers

114
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of IMU position and orientation placement errors on ground reaction force estimation. <i>Journal of Biomechanics</i> , 2019, 97, 109416.	2.1	39
2	Accurate Impact Loading Rate Estimation During Running via a Subject-Independent Convolutional Neural Network Model and Optimal IMU Placement. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1215-1222.	6.3	20
3	Effects of IMU Sensor-to-Segment Misalignment and Orientation Error on 3-D Knee Joint Angle Estimation. <i>IEEE Sensors Journal</i> , 2022, 22, 2543-2552.	4.7	20
4	Magnetometer-Free, IMU-Based Foot Progression Angle Estimation for Real-Life Walking Conditions. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 282-289.	4.9	17
5	Transfer Learning Improves Accelerometer-Based Child Activity Recognition via Subject-Independent Adult-Domain Adaption. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2086-2095.	6.3	8
6	IMU and Smartphone Camera Fusion for Knee Adduction and Knee Flexion Moment Estimation During Walking. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 1445-1455.	11.3	7
7	Resonant Frequency Skin Stretch for Wearable Haptics. <i>IEEE Transactions on Haptics</i> , 2019, 12, 247-256.	2.7	3