

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