

Xiao Gu

List of Publications by Year in descending order

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papers

273
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247
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cross-Domain Self-Supervised Complete Geometric Representation Learning for Real-Scanned Point Cloud Based Pathological Gait Analysis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1034-1044. | 6.3 | 3 |
| 2 | Egocentric Human Trajectory Forecasting With a Wearable Camera and Multi-Modal Fusion. IEEE Robotics and Automation Letters, 2022, 7, 8799-8806. | 5.1 | 6 |
| 3 | PoseSDF: Simultaneous 3D Human Shape Reconstruction and Gait Pose Estimation Using Signed Distance Functions. , 2022, , . | | 5 |
| 4 | Cross-Subject and Cross-Modal Transfer for Generalized Abnormal Gait Pattern Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 546-560. | 11.3 | 30 |
| 5 | Humanâ€“Robot Interaction for Rehabilitation Robotics. Future of Business and Finance, 2021, , 269-295. | 0.4 | 7 |
| 6 | Semi-Supervised Contrastive Learning for Generalizable Motor Imagery EEG Classification. , 2021, , . | | 12 |
| 7 | MCDCD: Multi-Source Unsupervised Domain Adaptation for Abnormal Human Gait Detection. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4017-4028. | 6.3 | 19 |
| 8 | Indoor Future Person Localization from an Egocentric Wearable Camera. , 2021, , . | | 3 |
| 9 | EMG-based Abnormal Gait Detection and Recognition. , 2020, , . | | 14 |
| 10 | Unsupervised Domain Adaptation for Position-Independent IMU Based Gait Analysis. , 2020, , . | | 5 |
| 11 | Coupled Real-Synthetic Domain Adaptation for Real-World Deep Depth Enhancement. IEEE Transactions on Image Processing, 2020, , 1-1. | 9.8 | 13 |
| 12 | 3-D Canonical Pose Estimation and Abnormal Gait Recognition With a Single RGB-D Camera. IEEE Robotics and Automation Letters, 2019, 4, 3617-3624. | 5.1 | 54 |
| 13 | Independent Decision Path Fusion for Bimodal Asynchronous Brainâ€“Computer Interface to Discriminate Multiclass Mental States. IEEE Access, 2019, 7, 165303-165317. | 4.2 | 16 |
| 14 | Markerless gait analysis based on a single RGB camera. , 2018, , . | | 38 |
| 15 | A Modified Common Spatial Pattern Algorithm Customized for Feature Dimensionality Reduction in fNIRS-Based BCIs. , 2018, 2018, 5073-5076. | | 5 |
| 16 | Automatic Atrial Fibrillation Detection Based on Heart Rate Variability and Spectral Features. IEEE Access, 2018, 6, 53566-53575. | 4.2 | 32 |
| 17 | A wearable sensor system for neonatal seizure monitoring. , 2017, , . | | 11 |