

Xiao Gu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

273
citations

1478505

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1474206

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all docs

17
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17
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Markerless gait analysis based on a single RGB camera. , 2018, , .		38
3	Automatic Atrial Fibrillation Detection Based on Heart Rate Variability and Spectral Features. IEEE Access, 2018, 6, 53566-53575.	4.2	32
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	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
6	Independent Decision Path Fusion for Bimodal Asynchronous Brain-Computer Interface to Discriminate Multiclass Mental States. IEEE Access, 2019, 7, 165303-165317.	4.2	16
7	EMG-based Abnormal Gait Detection and Recognition. , 2020, , .		14
8	Coupled Real-Synthetic Domain Adaptation for Real-World Deep Depth Enhancement. IEEE Transactions on Image Processing, 2020, , 1-1.	9.8	13
9	Semi-Supervised Contrastive Learning for Generalizable Motor Imagery EEG Classification. , 2021, , .		12
10	A wearable sensor system for neonatal seizure monitoring. , 2017, , .		11
11	Human-Robot Interaction for Rehabilitation Robotics. Future of Business and Finance, 2021, , 269-295.	0.4	7
12	Egocentric Human Trajectory Forecasting With a Wearable Camera and Multi-Modal Fusion. IEEE Robotics and Automation Letters, 2022, 7, 8799-8806.	5.1	6
13	A Modified Common Spatial Pattern Algorithm Customized for Feature Dimensionality Reduction in fNIRS-Based BCIs. , 2018, 2018, 5073-5076.		5
14	Unsupervised Domain Adaptation for Position-Independent IMU Based Gait Analysis. , 2020, , .		5
15	PoseSDF: Simultaneous 3D Human Shape Reconstruction and Gait Pose Estimation Using Signed Distance Functions. , 2022, , .		5
16	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
17	Indoor Future Person Localization from an Egocentric Wearable Camera. , 2021, , .		3