

Xuhui Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1260278/publications.pdf>

Version: 2024-02-01

10
papers

85
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-Autonomous Robotic Arm Reaching With Hybrid Gazeâ€“Brain Machine Interface. <i>Frontiers in Neurobotics</i> , 2019, 13, 111.	2.8	20
2	A Spherical Actuator-Based Hand-Held Haptic Device for Touch Screen Interaction. <i>IEEE Access</i> , 2019, 7, 15125-15139.	4.2	12
3	StereoPilot: A Wearable Target Location System for Blind and Visually Impaired Using Spatial Audio Rendering. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1621-1630.	4.9	11
4	Real-time Continuous Hand Motion Myoelectric Decoding by Automated Data Labeling. , 2020, , .		10
5	Robust Continuous Hand Motion Recognition Using Wearable Array Myoelectric Sensor. <i>IEEE Sensors Journal</i> , 2021, 21, 20596-20605.	4.7	8
6	Finger Movement Recognition via High-Density Electromyography of Intrinsic and Extrinsic Hand Muscles. <i>Scientific Data</i> , 2022, 9, .	5.3	8
7	Intuitive Environmental Perception Assistance for Blind Amputees Using Spatial Audio Rendering. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2022, 4, 274-284.	3.2	6
8	Exploring Biomimetic Stiffness Modulation and Wearable Finger Haptics for Improving Myoelectric Control of Virtual Hand. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1601-1611.	4.9	4
9	Research on the Method of Displaying the Contour Features of Image to the Visually Impaired on the Touch Screen. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 2260-2270.	4.9	3
10	Towards Integration of Domain Knowledge-Guided Feature Engineering and Deep Feature Learning in Surface Electromyography-Based Hand Movement Recognition. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-13.	1.7	3