

Xuhui Hu

List of Publications by Year in descending order

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papers

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10
times ranked

58
citing authors

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