Lv Honghao

List of Publications by Year
in descending order

15 papers	301 citations	933447 10 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	323 citing authors

#	Article	IF	Citations
1	GuLiM: A Hybrid Motion Mapping Technique for Teleoperation of Medical Assistive Robot in Combating the COVID-19 Pandemic. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 106-117.	3.2	16
2	Soft Robot Skin With Conformal Adaptability for On-Body Tactile Perception of Collaborative Robots. IEEE Robotics and Automation Letters, 2022, 7, 5127-5134.	5.1	20
3	Bioinspired Co–Design of Tactile Sensor and Deep Learning Algorithm for Human–Robot Interaction. Advanced Intelligent Systems, 2022, 4, .	6.1	14
4	Fluid–Driven Soft CoboSkin for Safer Human–Robot Collaboration: Fabrication and Adaptation. Advanced Intelligent Systems, 2021, 3, 2000038.	6.1	10
5	User-Interactive Robot Skin With Large-Area Scalability for Safer and Natural Human-Robot Collaboration in Future Telehealthcare. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4276-4288.	6.3	12
6	IoT-Enabled Dual-Arm Motion Capture and Mapping for Telerobotics in Home Care. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1541-1549.	6.3	33
7	Keep Healthcare Workers Safe: Application of Teleoperated Robot in Isolation Ward for COVID-19 Prevention and Control. Chinese Journal of Mechanical Engineering (English Edition), 2020, 33, .	3.7	71
8	A Gait Recognition System for Interaction with a Homecare Mobile Robot. , 2020, , .		1
9	Teleoperation of Collaborative Robot for Remote Dementia Care in Home Environments. IEEE Journal of Translational Engineering in Health and Medicine, 2020, 8, 1-10.	3.7	35
10	A Sensor Glove Based on Inertial Measurement Unit for Robot Teleoperetion. , 2020, , .		3
11	A Sensor Glove for the Interaction with a Nursing-Care Assistive Robot. , 2019, , .		6
12	Development of a Synchronized Human-Robot-Virtuality Interaction System using Cooperative Robot and Motion Capture Device*. , 2019, , .		1
13	WristCam: A Wearable Sensor for Hand Trajectory Gesture Recognition and Intelligent Human–Robot Interaction. IEEE Sensors Journal, 2019, 19, 8441-8451.	4.7	51
14	An IoT-Enabled Telerobotic-Assisted Healthcare System Based on Inertial Motion Capture. , 2019, , .		4
15	A Novel Gesture Recognition System for Intelligent Interaction with a Nursing-Care Assistant Robot. Applied Sciences (Switzerland), 2018, 8, 2349.	2.5	20