Jing Luo

List of Publications by Year in descending order

23 papers	549 citations	840585 11 h-index	996849 15 g-index
23 all docs	23 docs citations	23 times ranked	505 citing authors

#	Article	IF	Citations
1	Personalized Variable Gain Control With Tremor Attenuation for Robot Teleoperation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1759-1770.	5.9	140
2	A Teleoperation Framework for Mobile Robots Based on Shared Control. IEEE Robotics and Automation Letters, 2020, 5, 377-384.	3.3	91
3	Haptics Electromyography Perception and Learning Enhanced Intelligence for Teleoperated Robot. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1512-1521.	3.4	81
4	Enhanced teleoperation performance using hybrid control and virtual fixture. International Journal of Systems Science, 2019, 50, 451-462.	3.7	45
5	Estimation of EMG-Based Force Using a Neural-Network-Based Approach. IEEE Access, 2019, 7, 64856-64865.	2.6	35
6	Interactformer: Interactive Transformer and CNN for Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	24
7	A Task Learning Mechanism for the Telerobots. International Journal of Humanoid Robotics, 2019, 16, 1950009.	0.6	23
8	A three-domain fuzzy wavelet network filter using fuzzy PSO for robotic assisted minimally invasive surgery. Knowledge-Based Systems, 2014, 66, 13-27.	4.0	21
9	A time-sequence-based fuzzy support vector machine adaptive filter for tremor cancelling for microsurgery. International Journal of Systems Science, 2015, 46, 1131-1146.	3.7	19
10	A Robot Learning Method with Physiological Interface for Teleoperation Systems. Applied Sciences (Switzerland), 2019, 9, 2099.	1.3	19
11	Combined perception, control, and learning for teleoperation: key technologies, applications, and challenges. Cognitive Computation and Systems, 2020, 2, 33-43.	0.8	13
12	A method of motion recognition based on electromyographic signals. Advanced Robotics, 2020, 34, 976-984.	1.1	9
13	A Wave Variable Approach With Multiple Channel Architecture for Teleoperated System. IEEE Access, 2019, 7, 143912-143920.	2.6	6
14	Adaptive impedance control with trajectory adaptation for minimizing interaction force. , 2020, , .		5
15	Iterative learning-based path control for robot-assisted upper-limb rehabilitation. Neural Computing and Applications, 2023, 35, 23329-23341.	3.2	5
16	A Teleoperated Shared Control Approach with Haptic Feedback for Mobile Assistive Robot. , 2019, , .		4
17	Tremor attenuation for surgical robots using support vector machine with parameters optimization. , 2018, , .		3
18	A Cooperative Shared Control Scheme Based on Intention Recognition for Flexible Assembly Manufacturing. Frontiers in Neurorobotics, 2022, 16, 850211.	1.6	3

#	Article	IF	Citations
19	Experiments in aerial firefighting with and without additives and its application to suppress wildfires near electrical transmission lines. Journal of Fire Sciences, 0, , 073490412210981.	0.9	2
20	A Framework of Human Impedance recognition. , 2019, , .		1
21	Wrist Motion Recognition by Using Electromyographic Signals. , 2019, , .		0
22	A Method of Intention Estimation for Human-Robot Interaction. Advances in Intelligent Systems and Computing, 2020, , 69-80.	0.5	0
23	A Regulable Linear Guidance Flexible Virtual Fixture Based on EMG in Teleoperation System. , 2021, , .		0