

Hongyi Liu

List of Publications by Year in descending order

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15
papers

1,063
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Collision-free human-robot collaboration based on context awareness. Robotics and Computer-Integrated Manufacturing, 2021, 67, 101997.	9.9	84
2	Human Motion Recognition and Prediction for Robot Control. , 2021, , 261-282.		1
3	Latest Developments of Gesture Recognition for Human-Robot Collaboration. , 2021, , 43-68.		2
4	Remote human-robot collaboration: A cyber-physical system application for hazard manufacturing environment. Journal of Manufacturing Systems, 2020, 54, 24-34.	13.9	89
5	Recurrent neural network for motion trajectory prediction in human-robot collaborative assembly. CIRP Annals - Manufacturing Technology, 2020, 69, 9-12.	3.6	94
6	Overview of Human-Robot Collaboration in Manufacturing. Lecture Notes in Mechanical Engineering, 2020, , 15-58.	0.4	58
7	Gesture recognition for human-robot collaboration: A review. International Journal of Industrial Ergonomics, 2018, 68, 355-367.	2.6	272
8	Towards Robust Human-Robot Collaborative Manufacturing: Multimodal Fusion. IEEE Access, 2018, 6, 74762-74771.	4.2	63
9	Realtime collaborating with an industrial manipulator using a constraint-based programming approach. Procedia CIRP, 2018, 72, 105-110.	1.9	1
10	Interface architecture design for minimum programming in human-robot collaboration. Procedia CIRP, 2018, 72, 129-134.	1.9	7
11	Deep Learning-based Multimodal Control Interface for Human-Robot Collaboration. Procedia CIRP, 2018, 72, 3-8.	1.9	41
12	A Context-Aware Safety System for Human-Robot Collaboration. Procedia Manufacturing, 2018, 17, 238-245.	1.9	15
13	Deep learning-based human motion recognition for predictive context-aware human-robot collaboration. CIRP Annals - Manufacturing Technology, 2018, 67, 17-20.	3.6	160
14	Human motion prediction for human-robot collaboration. Journal of Manufacturing Systems, 2017, 44, 287-294.	13.9	130
15	An AR-based Worker Support System for Human-Robot Collaboration. Procedia Manufacturing, 2017, 11, 22-30.	1.9	46