Chengjun Chen

List of Publications by Year
in descending order

11 papers	125 citations	1478505 6 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	64 citing authors

#	Article	IF	Citations
1	Repetitive assembly action recognition based on object detection and pose estimation. Journal of Manufacturing Systems, 2020, 55, 325-333.	13.9	43
2	Monitoring of Assembly Process Using Deep Learning Technology. Sensors, 2020, 20, 4208.	3.8	24
3	Semantic Segmentation of a Printed Circuit Board for Component Recognition Based on Depth Images. Sensors, 2020, 20, 5318.	3.8	19
4	Projection-based augmented reality system for assembly guidance and monitoring. Assembly Automation, 2021, 41, 10-23.	1.7	10
5	Assembly torque data regression using sEMG and inertial signals. Journal of Manufacturing Systems, 2021, 60, 1-10.	13.9	8
6	Multi-Segmentation Parallel CNN Model for Estimating Assembly Torque Using Surface Electromyography Signals. Sensors, 2020, 20, 4213.	3.8	6
7	Dynamic graph convolutional network for assembly behavior recognition based on attention mechanism and multi-scale feature fusion. Scientific Reports, 2022, 12, 7394.	3.3	6
8	Mechanical Assembly Monitoring Method Based on Depth Image Multiview Change Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	5
9	Tracking a hand in interaction with an object based on single depth images. Multimedia Tools and Applications, 2019, 78, 6745-6762.	3.9	2
10	Collaborative Differential Evolution Filtering for Tracking Hand-Object Interactions. IEEE Access, 2020, 8, 148289-148300.	4.2	1
11	Part Recognition and Pose Estimation Based on Convolutional Neural Network. , 2020, , .		1