

# Yongjing Wang

## List of Publications by Year in descending order

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37  
papers

433  
citations

933410

10  
h-index

752679

20  
g-index

38  
all docs

38  
docs citations

38  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robotic Disassembly Sequence Planning With Backup Actions. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2095-2107.	5.2	8
2	Robotic Disassembly for Remanufacturing. Springer Series in Advanced Manufacturing, 2022, , 7-25.	0.5	0
3	Component and Subassembly Detection. Springer Series in Advanced Manufacturing, 2022, , 47-58.	0.5	0
4	Modelling of Robotic Disassembly Sequence Planning. Springer Series in Advanced Manufacturing, 2022, , 59-69.	0.5	0
5	Robotic Disassembly Sequence Re-planning. Springer Series in Advanced Manufacturing, 2022, , 131-142.	0.5	1
6	Product Representation for Disassembly Sequence Planning. Springer Series in Advanced Manufacturing, 2022, , 27-45.	0.5	2
7	Modelling of Robotic Disassembly Line Balancing. Springer Series in Advanced Manufacturing, 2022, , 71-83.	0.5	0
8	Evolutionary Optimisation for Robotic Disassembly Sequence Planning and Line Balancing. Springer Series in Advanced Manufacturing, 2022, , 85-110.	0.5	1
9	Introduction to Remanufacturing. Springer Series in Advanced Manufacturing, 2022, , 1-6.	0.5	1
10	Solutions for Robotic Disassembly Sequence Planning with Backup Actions. Springer Series in Advanced Manufacturing, 2022, , 111-130.	0.5	2
11	Solutions for Mixed-Model Disassembly Line Balancing with Multi-robot Workstations. Springer Series in Advanced Manufacturing, 2022, , 153-180.	0.5	0
12	Optimisation of Robotic Disassembly for Remanufacturing. Springer Series in Advanced Manufacturing, 2022, , .	0.5	5
13	A method to improve position accuracy for the dual-drive feed machines by state-dependent friction compensation. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 1247-1267.	2.4	1
14	Towards a Uniform Welding Quality: A Novel Weaving Welding Control Algorithm Based on Constant Heat Input. Materials, 2022, 15, 3796.	2.9	1
15	A self-evolving system for robotic disassembly sequence planning under uncertain interference conditions. Robotics and Computer-Integrated Manufacturing, 2022, 78, 102392.	9.9	9
16	Interlocking problems in disassembly sequence planning. International Journal of Production Research, 2021, 59, 4723-4735.	7.5	11
17	Smart Composites and Their Applications. , 2021, , 380-389.		0
18	An experimental human-robot collaborative disassembly cell. Computers and Industrial Engineering, 2021, 155, 107189.	6.3	38

#	ARTICLE	IF	CITATIONS
19	Interference probability matrix for disassembly sequence planning under uncertain interference. <i>Journal of Manufacturing Systems</i> , 2021, 60, 214-225.	13.9	10
20	A case study in human-robot collaboration in the disassembly of press-fitted components. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2020, 234, 654-664.	2.4	43
21	Self-healing of structural carbon fibres in polymer composites. <i>Cogent Engineering</i> , 2020, 7, 1799909.	2.2	7
22	A Non-Delay Error Compensation Method for Dual-Driving Gantry-Type Machine Tool. <i>Processes</i> , 2020, 8, 748.	2.8	6
23	Unfastening of Hexagonal Headed Screws by a Collaborative Robot. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, , 1-14.	5.2	25
24	Interlocking Problem in Automatic Disassembly Planning and Two Solutions. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 193-213.	0.4	1
25	Variable Span Multistep Straightening Process for Long/Extra-Long Linear Guideways. <i>IEEE Access</i> , 2019, 7, 107491-107505.	4.2	3
26	Peg-hole disassembly using active compliance. <i>Royal Society Open Science</i> , 2019, 6, 190476.	2.4	23
27	Robotic disassembly re-planning using a two-pointer detection strategy and a super-fast bees algorithm. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 59, 130-142.	9.9	49
28	A strategy for human-robot collaboration in taking products apart for remanufacture. <i>FME Transactions</i> , 2019, 47, 731-738.	1.4	21
29	Automatic Detection of Subassemblies for Disassembly Sequence Planning. , 2018, , .		0
30	Design of a Novel Six-Axis Force/Torque Sensor based on Optical Fibre Sensing for Robotic Applications. , 2018, , .		0
31	Design of a Novel Six-Axis Force/Torque Sensor based on Optical Fibre Sensing for Robotic Applications. , 2018, , .		2
32	Automatic Detection of Subassemblies for Disassembly Sequence Planning. , 2018, , .		1
33	Nanocomposites for Extrinsic Self-healing Polymer Materials. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 243-279.	0.7	2
34	Sustainable self-healing at ultra-low temperatures in structural composites incorporating hollow vessels and heating elements. <i>Royal Society Open Science</i> , 2016, 3, 160488.	2.4	31
35	Designing robust feedback linearisation controllers using imperfect dynamic models and sensor feedback. <i>Cogent Engineering</i> , 2016, 3, 1173529.	2.2	2
36	Laser directed writing of flat lenses on buckypaper. <i>Nanoscale</i> , 2015, 7, 12405-12410.	5.6	11

#	ARTICLE	IF	CITATIONS
37	Self-healing composites: A review. Cogent Engineering, 2015, 2, 1075686.	2.2	116