

Fangfang Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneous Control in Belief Space for Circular Insertion in Precision Assembly. IEEE Transactions on Industrial Informatics, 2021, 17, 1842-1851.	11.3	2
2	Efficient Insertion Strategy for Precision Assembly With Uncertainties Using a Passive Mechanism. IEEE Transactions on Industrial Informatics, 2021, 17, 1263-1273.	11.3	6
3	Joint Alignment and Simultaneous Insertion of Multiple Objects in Precision Assembly. IEEE Transactions on Industrial Informatics, 2021, 17, 230-239.	11.3	1
4	Efficient Coordinated Control Strategy to Handle Randomized Inclination in Precision Assembly. IEEE Transactions on Industrial Informatics, 2020, 16, 5814-5824.	11.3	7
5	Coordinated Motion Planning of Independent Manipulators in Precision Manipulation. IEEE Transactions on Industrial Informatics, 2020, 16, 6933-6942.	11.3	0
6	Efficient Insertion of Partially Flexible Objects in Precision Assembly. IEEE Transactions on Automation Science and Engineering, 2019, 16, 706-715.	5.2	12
7	A Hardware-Oriented Algorithm for Ultra-High-Speed Object Detection. IEEE Sensors Journal, 2019, 19, 3818-3831.	4.7	10
8	Efficient Insertion of Multiple Objects Parallel Connected by Passive Compliant Mechanisms in Precision Assembly. IEEE Transactions on Industrial Informatics, 2019, 15, 4878-4887.	11.3	15
9	Efficient Collision Detection and Detach Control for Convex Prisms in Precision Manipulation. IEEE Transactions on Industrial Informatics, 2018, 14, 5316-5326.	11.3	5
10	Motion Control for Cylindrical Objects in Microscope's View Using a Projection Method: Collision Detection and Detach Control. IEEE Transactions on Industrial Electronics, 2017, 64, 5524-5533.	7.9	8
11	Relative Pose Estimation for Alignment of Long Cylindrical Components Based on Microscopic Vision. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1388-1398.	5.8	43
12	Coordinated Insertion Control for Inclined Precision Assembly. IEEE Transactions on Industrial Electronics, 2016, 63, 2990-2999.	7.9	19
13	Precision Assembly Among Multiple Thin Objects with Various Fit Types. IEEE/ASME Transactions on Mechatronics, 2015, , 1-1.	5.8	21