

Fangfang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7983797/publications.pdf>

Version: 2024-02-01

13
papers

149
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

105
citing authors

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