

Meysam Basiri

List of Publications by Year in descending order

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17
papers

366
citations

1684129

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17
docs citations

17
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bimodal Rolling-Flying Robot for Micro Level Inspection of Flat and Inclined Surfaces. IEEE Robotics and Automation Letters, 2022, 7, 5135-5142.	5.1	6
2	Functionalities, Benchmarking System and Performance Evaluation for a Domestic Service Robot: People Perception, People Following, and Pick and Placing. Applied Sciences (Switzerland), 2022, 12, 4819.	2.5	1
3	An autonomous mobile manipulator to build outdoor structures consisting of heterogeneous brick patterns. SN Applied Sciences, 2021, 3, 1.	2.9	3
4	A multipurpose mobile manipulator for autonomous firefighting and construction of outdoor structures. , 2021, 1, 102-126.		2
5	Benchmarking Functionalities of Domestic Service Robots Through Scientific Competitions. KI - Kunstliche Intelligenz, 2019, 33, 357-367.	3.2	11
6	Cooperative Audio-Visual System for Localizing Small Aerial Robots. , 2019, , .		0
7	Low-Level Active Visual Navigation: Increasing Robustness of Vision-Based Localization Using Potential Fields. IEEE Robotics and Automation Letters, 2018, 3, 2079-2086.	5.1	19
8	Localization of emergency acoustic sources by micro aerial vehicles. Journal of Field Robotics, 2018, 35, 187-201.	6.0	10
9	Feature Based Potential Field for Low-Level Active Visual Navigation. Advances in Intelligent Systems and Computing, 2018, , 791-800.	0.6	1
10	On-Board Relative Bearing Estimation for Teams of Drones Using Sound. IEEE Robotics and Automation Letters, 2016, 1, 820-827.	5.1	37
11	Distributed formation control of fixed wing micro aerial vehicles for area coverage. , 2015, , .		17
12	Audio-based localization for swarms of micro air vehicles. , 2014, , .		22
13	Robust acoustic source localization of emergency signals from Micro Air Vehicles. , 2012, , .		51
14	Distributed control of triangular formations with angle-only constraints. Systems and Control Letters, 2010, 59, 147-154.	2.3	151
15	Bearing-only triangular formation control on the plane and the sphere. , 2010, , .		23
16	Distributed control of triangular sensor formations with angle-only constraints. , 2009, , .		1
17	Audio-based Relative Positioning System for Multiple Micro Air Vehicle Systems. , 0, , .		11