

# Mohammad Sarim

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

295  
citations

1937685

4  
h-index

2053705

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g-index

16  
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16  
docs citations

16  
times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Bidding-Based Detect-and-Avoid for Multiple Unmanned Aerial Vehicles in National Airspace. , 2019, , .		3
2	Distributed Detect-and-Avoid for Multiple Unmanned Aerial Vehicles in National Air Space. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	13
3	Grey wolf optimization based sense and avoid algorithm in a Bayesian framework for multiple UAV path planning in an uncertain environment. Aerospace Science and Technology, 2018, 77, 168-179.	4.8	56
4	Overview of Path-Planning and Obstacle Avoidance Algorithms for UAVs: A Comparative Study. Unmanned Systems, 2018, 06, 95-118.	3.6	142
5	Memristive device based learning for navigation in robots. Bioinspiration and Biomimetics, 2017, 12, 066011.	2.9	2
6	Neuromorphic device specifications for unsupervised learning in robots. , 2017, , .		0
7	On the Effect of Different Splines on Way-Point Navigation of Quad-Copters. , 2016, , .		2
8	An Artificial Brain Mechanism to Develop a Learning Paradigm for Robot Navigation. , 2016, , .		4
9	Design, Fabrication and Control of a Tilt Rotor Quadcopter. , 2016, , .		7
10	Ultra-low energy neuromorphic device based navigation approach for biomimetic robots. , 2016, , .		4
11	Solution of Traveling Salesman Problem with Hotel Selection in the framework of MILP-tropical optimization. , 2016, , .		5
12	Dynamic optimal UAV trajectory planning in the National Airspace System via mixed integer linear programming. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2016, 230, 1668-1682.	1.3	38
13	Flight Formation of Quad-Copters in Presence of Dynamic Obstacles Using Mixed Integer Linear Programming. , 2015, , .		5
14	Extended Kalman Filter Based Quadrotor State Estimation Based on Asynchronous Multisensor Data. , 2015, , .		4
15	Autonomous Navigation of UAV through GPS-Denied Indoor Environment with Obstacles. , 2015, , .		8
16	Autonomous Wall-Following Based Navigation of Unmanned Aerial Vehicles in Indoor Environments. , 2015, , .		2