

Badri Narayanan Ranganathan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

242
citations

1937685

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1720034

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g-index

13
all docs

13
docs citations

13
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of wide-field integration of optic flow for autonomous quadrotor navigation. <i>Autonomous Robots</i> , 2009, 27, 189-198.	4.8	141
2	Experimental Study of Gust Effects on Micro Air Vehicles. , 2010, , .		36
3	Bioinspired Approaches for Autonomous Small-Object Detection and Avoidance. <i>IEEE Transactions on Robotics</i> , 2019, 35, 1220-1232.	10.3	19
4	Bio-Inspired Large-Area Soft Sensing Skins to Measure UAV Wing Deformation in Flight. <i>Advanced Functional Materials</i> , 2021, 31, 2100679.	14.9	11
5	Bio-inspired wind frame state sensing and estimation for MAV applications. , 2015, , .		9
6	A low-cost UAV for detection of Cercospora leaf spot in okra using deep convolutional neural network. <i>Multimedia Tools and Applications</i> , 2022, 81, 21565-21589.	3.9	7
7	Autonomous Bio-Inspired Small-Object Detection and Avoidance. , 2018, , .		5
8	Underwater navigation behaviors using Wide-Field Integration methods. , 2013, , .		3
9	Computationally efficient underwater navigational strategy in electrically heterogeneous environments using electrolocation. , 2015, , .		3
10	Robust analysis of an underwater navigational strategy in electrically heterogeneous corridors. <i>Bioinspiration and Biomimetics</i> , 2016, 11, 045004.	2.9	2
11	Acceleration feedback control for fixed-wing sUAS. , 2018, , .		2