

Yiqun Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3146816/publications.pdf>

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11
papers

200
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	An application of Deep Neural Networks to the in-flight parameter identification for detection and characterization of aircraft icing. <i>Aerospace Science and Technology</i> , 2018, 77, 34-49.	4.8	49
2	Implementing Deep Learning for comprehensive aircraft icing and actuator/sensor fault detection/identification. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 83, 28-44.	8.1	29
3	Experimental Test of Unmanned Ground Vehicle Delivering Goods Using RRT Path Planning Algorithm. <i>Unmanned Systems</i> , 2017, 05, 45-57.	3.6	26
4	Research on inflight parameter identification and icing location detection of the aircraft. <i>Aerospace Science and Technology</i> , 2013, 29, 305-312.	4.8	24
5	Deep Learning in Aircraft Design, Dynamics, and Control: Review and Prospects. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 2346-2368.	4.7	20
6	Guidance and control for own aircraft in the autonomous air combat: A historical review and future prospects. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 5943-5991.	1.3	14
7	Global Fault-Tolerant Control of Underactuated Aerial Vehicles with Redundant Actuators. <i>International Journal of Aerospace Engineering</i> , 2019, 2019, 1-12.	0.9	10
8	Inflight Parameter Identification and Icing Location Detection of the Aircraft: The Time-Varying Case. <i>Journal of Control Science and Engineering</i> , 2014, 2014, 1-11.	1.0	9
9	Full-altitude attitude angles envelope and model predictive control-based attitude angles protection for civil aircraft. <i>Aerospace Science and Technology</i> , 2016, 55, 292-306.	4.8	9
10	Robust Data-Driven Fault Detection: An Application to Aircraft Air Data Sensors. <i>International Journal of Aerospace Engineering</i> , 2022, 2022, 1-17.	0.9	6
11	Experimental Test of Artificial Potential Field-Based Automobiles Automated Perpendicular Parking. <i>International Journal of Vehicular Technology</i> , 2016, 2016, 1-10.	1.1	4