

Benjamin Lussier

List of Publications by Year in descending order

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6
papers

129
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	A fault tolerant architecture for data fusion: A real application of Kalman filters for mobile robot localization. <i>Robotics and Autonomous Systems</i> , 2017, 88, 11-23.	5.1	43
2	Fault Diagnosis and Fault-Tolerant Control of an Octorotor UAV using motors speeds measurements. <i>IFAC-PapersOnLine</i> , 2017, 50, 5263-5268.	0.9	39
3	Local controllability and attitude stabilization of multirotor UAVs: Validation on a coaxial octorotor. <i>Robotics and Autonomous Systems</i> , 2017, 91, 128-138.	5.1	18
4	Data fusion fault tolerant strategy for a quadrotor UAV under sensors and software faults. <i>ISA Transactions</i> , 2022, 129, 520-539.	5.7	13
5	Comparative study of self tuning, adaptive and multiplexing FTC strategies for successive failures in an Octorotor UAV. <i>Robotics and Autonomous Systems</i> , 2020, 133, 103602.	5.1	8
6	An Informational Approach for Fault Tolerant Data Fusion Applied to a UAV's Attitude, Altitude, and Position Estimation. <i>IEEE Sensors Journal</i> , 2021, 21, 27766-27778.	4.7	8