D Felix Finger

List of Publications by Year
in descending order

14 papers	249 citations	1307594 7 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	112 citing authors

#	Article	IF	Citations
1	Cross-Validation of Hybrid-Electric Aircraft Sizing Methods. Journal of Aircraft, 2022, 59, 742-760.	2.4	9
2	Full configuration drag estimation of short-to-medium range fixed-wing UAVs and its impact on initial sizing optimization. CEAS Aeronautical Journal, 2021, 12, 589-603.	1.7	8
3	Initial Sizing Methodology for Hybrid-Electric General Aviation Aircraft. Journal of Aircraft, 2020, 57, 245-255.	2.4	55
4	A Comparison of Hybrid-Electric Aircraft Sizing Methods. , 2020, , .		18
5	Comparative Assessment of Parallel-Hybrid-Electric Propulsion Systems for Four Different Aircraft. , 2020, , .		13
6	Comparative Assessment of Parallel-Hybrid-Electric Propulsion Systems for Four Different Aircraft. Journal of Aircraft, 2020, 57, 843-853.	2.4	23
7	Impact of Battery Performance on the Initial Sizing of Hybrid-Electric General Aviation Aircraft. Journal of Aerospace Engineering, 2020, 33, .	1.4	11
8	Mass, primary energy, and cost: the impact of optimization objectives on the initial sizing of hybrid-electric general aviation aircraft. CEAS Aeronautical Journal, 2020, 11, 713-730.	1.7	9
9	Impact of electric propulsion technology and mission requirements on the performance of VTOL UAVs. CEAS Aeronautical Journal, 2019, 10, 827-843.	1.7	15
10	On Aircraft Design Under the Consideration of Hybrid-Electric Propulsion Systems. Lecture Notes in Electrical Engineering, 2019, , 1261-1272.	0.4	8
11	Empirical Correlations for Geometry Build-Up of Fixed Wing Unmanned Air Vehicles. Lecture Notes in Electrical Engineering, 2019, , 1365-1381.	0.4	7
12	Impact of Engine Failure Constraints on the Initial Sizing of Hybrid-Electric GA Aircraft. , 2019, , .		6
13	An Initial Sizing Methodology for Hybrid-Electric Light Aircraft. , 2018, , .		37
14	Case Studies in Initial Sizing for Hybrid-Electric General Aviation Aircraft. , 2018, , .		30