

Urban Fasel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4175195/publications.pdf>

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9
papers

235
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble-SINDy: Robust sparse model discovery in the low-data, high-noise limit, with active learning and control. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, 20210904.	2.1	65
2	Concurrent Design and Flight Mission Optimization of Morphing Airborne Wind Energy Wings. AIAA Journal, 2021, 59, 1254-1268.	2.6	6
3	Concept Investigation of a Lightweight Composite Lattice Morphing Wing. AIAA Journal, 2021, 59, 2242-2250.	2.6	7
4	The balanced mode decomposition algorithm for data-driven LPV low-order models of aeroservoelastic systems. Aerospace Science and Technology, 2021, 115, 106821.	4.8	11
5	Composite additive manufacturing of morphing aerospace structures. Manufacturing Letters, 2020, 23, 85-88.	2.2	97
6	Data-driven nonlinear aeroelastic models of morphing wings for control. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200079.	2.1	16
7	Control Authority of a Camber Morphing Flying Wing. Journal of Aircraft, 2020, 57, 603-614.	2.4	13
8	High load carrying structures made from folded composite materials. Composite Structures, 2020, 250, 112612.	5.8	7
9	Reduced-Order Dynamic Model of a Morphing Airborne Wind Energy Aircraft. AIAA Journal, 2019, 57, 3586-3598.	2.6	13