

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

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9
all docs

9
docs citations

9
times ranked

161
citing authors

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