Manuel Pusch

List of Publications by Year
in descending order

16 papers	136 citations	1684188 5 h-index	1720034 7 g-index
16 all docs	16 docs citations	16 times ranked	46 citing authors

#	Article	IF	Citations
1	Advanced Gust Load Alleviation using Dynamic Control Allocation. , 2022, , .		1
2	Identification and assessment of a nonlinear dynamic actuator model for controlling an experimental flexible wing. CEAS Aeronautical Journal, 2021, 12, 413-426.	1.7	5
3	Probabilistic Robust LPV Control. , 2021, , .		0
4	Design and Optimization of an Aeroservoelastic Wind Tunnel Model. Fluids, 2020, 5, 35.	1.7	6
5	$\mathcal{H}_{2}$ -Optimal Blending of Inputs and Outputs for Modal Control. IEEE Transactions on Control Systems Technology, 2020, 28, 2744-2751.	5.2	9
6	Active Flutter Mitigation Testing on the FLEXOP Demonstrator Aircraft. , 2020, , .		13
7	Partial Pole Placement using Static Output Feedback. IFAC-PapersOnLine, 2020, 53, 4527-4533.	0.9	1
8	Blending of Inputs and Outputs for Modal Velocity Feedback. , 2019, , .		5
9	Fault Tolerant Control of an Experimental Flexible Wing. Aerospace, 2019, 6, 76.	2.2	7
10	Integrated optimization of control surface layout for gust load alleviation. CEAS Aeronautical Journal, 2019, 10, 1059-1069.	1.7	6
11	Structured Control Design for a Highly Flexible Flutter Demonstrator. Aerospace, 2019, 6, 27.	2.2	18
12	Aeroelastic Modeling and Control of an Experimental Flexible Wing. , 2019, , .		6
13	Flight control design for a highly flexible flutter demonstrator. , 2019, , .		20
14	Aeroelastic Mode Control using H$_2$-optimal Blends for Inputs and Outputs. , 2018, , .		14
15	Aeroservoelastic Modeling and Analysis of a Highly Flexible Flutter Demonstrator. , 2018, , .		18
16	Allocation of distributed flaps for gust load alleviation. , 2017, , .		7