

Maximilian Winter

List of Publications by Year in descending order

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9
papers

156
citations

1684188
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1588992
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all docs

9
docs citations

9
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurofuzzy-Model-Based Unsteady Aerodynamic Computations Across Varying Freestream Conditions. AIAA Journal, 2016, 54, 2705-2720.	2.6	46
2	Nonlinear identification via connected neural networks for unsteady aerodynamic analysis. Aerospace Science and Technology, 2018, 77, 802-818.	4.8	38
3	CFD-based aeroelastic reduced-order modeling robust to structural parameter variations. Aerospace Science and Technology, 2017, 67, 13-30.	4.8	26
4	Efficient unsteady aerodynamic loads prediction based on nonlinear system identification and proper orthogonal decomposition. Journal of Fluids and Structures, 2016, 67, 1-21.	3.4	21
5	Application of a long short-term memory neural network for modeling transonic buffet aerodynamics. Aerospace Science and Technology, 2021, 113, 106652.	4.8	19
6	Antisymmetric boundary condition for small disturbance CFD. Journal of Fluids and Structures, 2019, 85, 229-248.	3.4	3
7	Efficient Modeling of Generalized Aerodynamic Forces Across Mach Regimes Using Neuro-Fuzzy Approaches. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2016, , 467-477.	0.3	2
8	Coupling of Recurrent and Static Neural Network Approaches for Improved Multi-step Ahead Time Series Prediction. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2018, , 433-442.	0.3	1
9	Reduced-Order Modeling of Transonic Buffet Aerodynamics. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2020, , 511-520.	0.3	0