

Miguel Visbal

List of Publications by Year in descending order

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papers

993
citations

1937685

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18
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18
docs citations

18
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspect Ratio Effect on Finite Wing Dynamic Stall. , 2021, , .		6
2	Transitional shock wave boundary layer interaction over a flexible panel. Journal of Fluids and Structures, 2019, 90, 263-285.	3.4	36
3	Viscous and inviscid interactions of an oblique shock with a flexible panel. Journal of Fluids and Structures, 2014, 48, 27-45.	3.4	101
4	Three-dimensional vortex formation on a heaving low-aspect-ratio wing: Computations and experiments. Journal of Fluids and Structures, 2013, 38, 58-76.	3.4	76
5	High-Fidelity Simulations of a Hovering Wing. , 2012, , .		7
6	Three-Dimensional Flow Structure and Aerodynamic Loading on a Low Aspect Ratio, Revolving Wing. , 2012, , .		18
7	Flow Structure and Unsteady Loading over a Pitching and Perching Low-Aspect-Ratio Wing. , 2012, , .		18
8	Low-Reynolds-Number Aerodynamics of a Flapping Rigid Flat Plate. AIAA Journal, 2011, 49, 806-823.	2.6	92
9	Three-Dimensional Flow Structure on a Heaving Low-Aspect-Ratio Wing. , 2011, , .		41
10	Shock Capturing Using Compact-Differencing-Based Methods. , 2005, , .		97
11	Implicit Large Eddy Simulations Using a High-Order Overset Grid Solver. , 2004, , .		16
12	An Implicit LES Approach Based on High-order Compact Differencing and Filtering Schemes (Invited). , 2003, , .		177
13	A Parallel High-Order Flow Solver for LES and DNS. , 2002, , .		21
14	Computation of three-dimensional nonlinear panel flutter. , 2001, , .		12
15	Development of a three-dimensional viscous aeroelastic solver for nonlinear panel flutter. , 2000, , .		25
16	A high-order flow solver for deforming and moving meshes. , 2000, , .		36
17	Further development of a Navier-Stokes solution procedure based on higher-order formulas. , 1999, , .		187
18	On the formation and control of the dynamic stall vortex on a pitching airfoil. , 1991, , .		27