

StÃ©phanie Peron

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

206
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1307594

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15
docs citations

15
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved immersed boundary method for turbulent flow simulations on Cartesian grids. Journal of Computational Physics, 2021, 435, 110240.	3.8	11
2	An Immersed Boundary Method on Cartesian Adaptive Grids for the Simulation of Compressible Flows. SEMA SIMAI Springer Series, 2021, , 67-91.	0.7	0
3	An immersed boundary method on Cartesian adaptive grids for the simulation of compressible flows around arbitrary geometries. Engineering With Computers, 2020, 37, 2419.	6.1	12
4	Validation of an immersed boundary method for compressible flows. , 2019, , .		4
5	New CFD capabilities based on intersecting arbitrary polyhedral meshes: P1-conservative interpolations and overset CFD applications. , 2018, , .		1
6	Influence of Blade Thickness and Blade Span on Orthogonal Blade/Vortex Interaction Noise. , 2017, , .		0
7	An Immersed Boundary Method for preliminary design aerodynamic studies of complex configurations. , 2017, , .		5
8	Immersed boundary conditions for high order CAA solvers - Aeroacoustics installation effects assessment. , 2017, , .		6
9	A mixed overset grid/immersed boundary approach for CFD simulations of complex geometries. , 2016, , .		3
10	Cassiopee: A CFD pre- and post-processing tool. Aerospace Science and Technology, 2015, 45, 272-283.	4.8	74
11	Validation of a near-body and off-body grid partitioning methodology for aircraft aerodynamic performance prediction. Computers and Fluids, 2015, 117, 196-211.	2.5	15
12	Numerical analysis of hub and fuselage drag breakdown of a helicopter configuration. CEAS Aeronautical Journal, 2013, 4, 409-419.	1.7	13
13	Automatic off-body overset adaptive Cartesian mesh method based on an octree approach. Journal of Computational Physics, 2013, 232, 153-173.	3.8	40
14	Computation of GOAHEAD configuration with Chimera assembly. Aerospace Science and Technology, 2012, 19, 50-57.	4.8	15
15	Automatic off-body overset adaptive Cartesian mesh method based on an octree approach. , 2011, , .		7