

StÃ©phanie Peron

List of Publications by Year in descending order

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15
papers

206
citations

1307594

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docs citations

15
times ranked

89
citing authors

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