

Herve Guillard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10768957/publications.pdf>

Version: 2024-02-01

13
papers

928
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	A stabilized Powell-Sabin finite-element method for the 2D Euler equations in supersonic regime. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 340, 216-235.	6.6	7
2	A Powell-Sabin finite element scheme for partial differential equations. <i>ESAIM Proceedings and Surveys</i> , 2016, 53, 64-76.	0.4	4
3	Automatic coarsening of three dimensional anisotropic unstructured meshes for multigrid applications. <i>Applied Mathematics and Computation</i> , 2012, 218, 10500-10519.	2.2	9
4	Linearized implicit time advancing and defect correction applied to sediment transport simulations. <i>Computers and Fluids</i> , 2012, 63, 82-104.	2.5	14
5	On the behavior of upwind schemes in the low Mach number limit. IV: PO approximation on triangular and tetrahedral cells. <i>Computers and Fluids</i> , 2009, 38, 1969-1972.	2.5	23
6	Behavior of upwind scheme in the low Mach number limit: III. Preconditioned dissipation for a five equation two phase model. <i>Computers and Fluids</i> , 2008, 37, 1209-1224.	2.5	24
7	Analysis of an algebraic Petrov-Galerkin smoothed aggregation multigrid method. <i>Applied Numerical Mathematics</i> , 2008, 58, 1861-1874.	2.1	9
8	Recent developments in the computation of compressible low Mach number flows. <i>Flow, Turbulence and Combustion</i> , 2006, 76, 363-369.	2.6	4
9	A five equation reduced model for compressible two phase flow problems. <i>Journal of Computational Physics</i> , 2005, 202, 664-698.	3.8	315
10	On the behavior of upwind schemes in the low Mach number limit: II. Godunov type schemes. <i>Computers and Fluids</i> , 2004, 33, 655-675.	2.5	128
11	Multigrid Strategies for CFD Problems on Non-Structured Meshes. <i>Lecture Notes in Computational Science and Engineering</i> , 2000, , 1-10.	0.3	2
12	On the behaviour of upwind schemes in the low Mach number limit. <i>Computers and Fluids</i> , 1999, 28, 63-86.	2.5	339
13	A second order defect correction scheme for unsteady problems. <i>Computers and Fluids</i> , 1996, 25, 9-27.	2.5	50