

# Herve Guillard

## List of Publications by Year in descending order

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13  
papers

928  
citations

1040056

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1125743

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13  
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docs citations

13  
times ranked

517  
citing authors

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