

# Harland M Glaz

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

1,963  
citations

1307594

7  
h-index

1588992

8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1269  
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature shock wave interaction in heavy gases - Computations. , 1999, , .		1
2	High-resolution solutions of stiff chemically reacting flows. Journal of Thermophysics and Heat Transfer, 1996, 10, 570-578.	1.6	0
3	High-resolution solutions of stiff chemically reacting flows. , 1994, , .		0
4	Numerical Solution of the Riemann Problem for Two-Dimensional Gas Dynamics. SIAM Journal of Scientific Computing, 1993, 14, 1394-1414.	2.8	319
5	High-order Godunov type solutions for materials having a nonconvex equation of state. , 1991, , .		0
6	Second-order Godunov methods and self-similar steady supersonic three-dimensional flowfields. , 1991, , .		4
7	Self-Similar Shock Reflection in Two Space Dimensions. The IMA Volumes in Mathematics and Its Applications, 1991, , 70-88.	0.5	3
8	A second-order projection method for the incompressible navier-stokes equations. Journal of Computational Physics, 1989, 85, 257-283.	3.8	1,037
9	Nonequilibrium effects in oblique shock-wave reflection. AIAA Journal, 1988, 26, 698-705.	2.6	23
10	Efficient solution algorithms for the Riemann problem for real gases. Journal of Computational Physics, 1985, 59, 264-289.	3.8	456
11	A high-order Godunov scheme for steady supersonic gas dynamics. Journal of Computational Physics, 1985, 58, 157-187.	3.8	44
12	Numerical calculation of complex shock reflections in gases. , 1985, , 154-158.		5
13	The asymptotic analysis of wave interactions and numerical calculations of transonic nozzle flow. Advances in Applied Mathematics, 1984, 5, 111-146.	0.7	51
14	Numerical modelling of inviscid shocked flows of real gases. , 1982, , 175-182.		7
15	Statistical Behavior and Coherent Structures in Two-Dimensional Inviscid Turbulence. SIAM Journal on Applied Mathematics, 1981, 41, 459-479.	1.8	13