Chieh-Sen Huang

List of Publications by Year
in descending order

18 papers	334 citations	840776 11 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	209 citing authors

#	Article	IF	Citations
1	RBF WENO Reconstructions with Adaptive Order and Applications to Conservation Laws. Journal of Scientific Computing, 2022, 91, 1.	2.3	1
2	A third order, implicit, finite volume, adaptive Runge–Kutta WENO scheme for advection–diffusion equations. Computer Methods in Applied Mechanics and Engineering, 2020, 368, 113155.	6.6	15
3	Finite volume WENO schemes for nonlinear parabolic problems with degenerate diffusion on non-uniform meshes. Journal of Computational Physics, 2019, 399, 108921.	3.8	24
4	Von Neumann Stable, Implicit, High Order, Finite Volume WENO Schemes. , 2019, , .		4
5	An Implicit Eulerian–Lagrangian WENO3 Scheme for Nonlinear Conservation Laws. Journal of Scientific Computing, 2018, 77, 1084-1114.	2.3	1
6	Accuracy of WENO and Adaptive Order WENO Reconstructions for Solving Conservation Laws. SIAM Journal on Numerical Analysis, 2018, 56, 1818-1847.	2.3	19
7	An Eulerian–Lagrangian Weighted Essentially Nonoscillatory scheme for nonlinear conservation laws. Numerical Methods for Partial Differential Equations, 2017, 33, 651-680.	3.6	8
8	A semi-Lagrangian finite difference WENO scheme for scalar nonlinear conservation laws. Journal of Computational Physics, 2016, 322, 559-585.	3.8	24
9	Fifth Order Multi-moment WENO Schemes for Hyperbolic Conservation Laws. Journal of Scientific Computing, 2015, 64, 477-507.	2.3	7
10	A re-averaged WENO reconstruction and a third order CWENO scheme for hyperbolic conservation laws. Journal of Computational Physics, 2014, 262, 291-312.	3.8	11
11	A Fully Conservative Eulerian-Lagrangian Stream-Tube Method for Advection-Diffusion Problems. SIAM Journal of Scientific Computing, 2012, 34, B447-B478.	2.8	2
12	A Locally Conservative Eulerian--Lagrangian Method for a Model Two-Phase Flow Problem in a One-Dimensional Porous Medium. SIAM Journal of Scientific Computing, 2012, 34, A1950-A1974.	2.8	4
13	Modified genetic algorithms for solving fuzzy flow shop scheduling problems and their implementation with CUDA. Expert Systems With Applications, 2012, 39, 4999-5005.	7.6	32
14	An Eulerian–Lagrangian WENO finite volume scheme for advection problems. Journal of Computational Physics, 2012, 231, 4028-4052.	3.8	33
15	A fully conservative Eulerian–Lagrangian method for a convection–diffusion problem in a solenoidal field. Journal of Computational Physics, 2010, 229, 3415-3427.	3.8	11
16	IMPROVED ACCURACY FOR ALTERNATING-DIRECTION METHODS FOR PARABOLIC EQUATIONS BASED ON REGULAR AND MIXED FINITE ELEMENTS. Mathematical Models and Methods in Applied Sciences, 2007, 17, 1279-1305.	3.3	43
17	A Locally Conservative Eulerian-Lagrangian Finite Difference Method for a Parabolic Equation. BIT Numerical Mathematics, 2001, 41, 480-489.	2.0	16
18	The modified method of characteristics with adjusted advection. Numerische Mathematik, 1999, 83, 353-369.	1.9	79