

Chieh-Sen Huang

List of Publications by Year in descending order

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18
papers

334
citations

840776

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888059

17
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19
all docs

19
docs citations

19
times ranked

209
citing authors

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