

Maojun Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/965061/publications.pdf>

Version: 2024-02-01

18
papers

174
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	High order well-balanced CDG-FE methods for shallow water waves by a Green-Naghdi model. Journal of Computational Physics, 2014, 257, 169-192.	3.8	44
2	A Positivity-Preserving Well-Balanced Central Discontinuous Galerkin Method for the Nonlinear Shallow Water Equations. Journal of Scientific Computing, 2017, 71, 994-1034.	2.3	34
3	Simulating Compressible Two-Medium Flows with Sharp-Interface Adaptive Runge-Kutta Discontinuous Galerkin Methods. Journal of Scientific Computing, 2018, 74, 1347-1368.	2.3	15
4	Maximum-Principle-Satisfying and Positivity-Preserving High Order Central Discontinuous Galerkin Methods for Hyperbolic Conservation Laws. SIAM Journal of Scientific Computing, 2016, 38, A3720-A3740.	2.8	14
5	A bound-preserving high order scheme for variable density incompressible Navier-Stokes equations. Journal of Computational Physics, 2021, 425, 109906.	3.8	13
6	A reconstructed central discontinuous Galerkin-finite element method for the fully nonlinear weakly dispersive Green-Naghdi model. Applied Numerical Mathematics, 2016, 110, 110-127.	2.1	11
7	High order central discontinuous Galerkin-finite element methods for the Camassa-Holm equation. Applied Mathematics and Computation, 2014, 227, 237-245.	2.2	7
8	A Multigrid Multilevel Monte Carlo Method for Stokes-Darcy Model with Random Hydraulic Conductivity and Beavers-Joseph Condition. Journal of Scientific Computing, 2022, 90, 1.	2.3	7
9	A modified central discontinuous Galerkin method with positivity-preserving and well-balanced properties for the one-dimensional nonlinear shallow water equations. Journal of Computational and Applied Mathematics, 2019, 345, 374-387.	2.0	6
10	A CDG-FE method for the two-dimensional Green-Naghdi model with the enhanced dispersive property. Journal of Computational Physics, 2019, 399, 108953.	3.8	6
11	A reconstructed central discontinuous Galerkin method for conservation laws. Computers and Fluids, 2017, 153, 76-84.	2.5	4
12	High order well-balanced central local discontinuous Galerkin-finite element methods for solving the Green-Naghdi model. Applied Mathematics and Computation, 2017, 315, 113-130.	2.2	4
13	Numerical simulation of a coupled system of Maxwell equations and a gas dynamic model. Journal of Computational Physics, 2020, 409, 109354.	3.8	3
14	Particle-resolved simulations of shock-induced inviscid flow through particle-curtain at initial stage. Computers and Fluids, 2022, 232, 105196.	2.5	3
15	Maximum-Principle-Satisfying and Positivity-Preserving High Order Central DG Methods on Unstructured Overlapping Meshes for Two-Dimensional Hyperbolic Conservation Laws. Journal of Scientific Computing, 2019, 79, 1361-1388.	2.3	1
16	Simulating compressible two-phase flows with sharp-interface discontinuous Galerkin methods based on ghost fluid method and cut cell scheme. Journal of Computational Physics, 2022, 459, 111107.	3.8	1
17	A well-balanced discontinuous Galerkin method for the shallow water flows on erodible bottom. Computers and Mathematics With Applications, 2022, 119, 13-20.	2.7	1
18	A numerical study of the metal jet induced by a shock wave. Journal of Applied Physics, 2020, 128, 134701.	2.5	0