Maojun Li

List of Publications by Year
in descending order

18	174	1307594 7	1125743 13
papers	citations	h-index	g-index

18	18	18	83
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Particle-resolved simulations of shock-induced inviscid flow through particle-curtain at initial stage. Computers and Fluids, 2022, 232, 105196.	2.5	3
2	A Multigrid Multilevel Monte Carlo Method for Stokesâ€“Darcy Model with Random Hydraulic Conductivity and Beaversâ€“Joseph Condition. Journal of Scientific Computing, 2022, 90, 1.	2.3	7
3	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
4	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
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 numerical study of the metal jet induced by a shock wave. Journal of Applied Physics, 2020, 128, 134701.	2.5	0
7	Numerical simulation of a coupled system of Maxwell equations and a gas dynamic model. Journal of Computational Physics, 2020, 409, 109354.	3.8	3
8	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
9	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
10	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
11	Simulating Compressible Two-Medium Flows with Sharp-Interface Adaptive Rungeâ€“Kutta Discontinuous Galerkin Methods. Journal of Scientific Computing, 2018, 74, 1347-1368.	2.3	15
12	A reconstructed central discontinuous Galerkin method for conservation laws. Computers and Fluids, 2017, 153, 76-84.	2.5	4
13	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
14	High order well-balanced central local discontinuous Galerkin-finite element methods for solving the Greenâ€“Naghdi model. Applied Mathematics and Computation, 2017, 315, 113-130.	2.2	4
15	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
16	A reconstructed central discontinuous Galerkin-finite element method for the fully nonlinear weakly dispersive Greenâ€“Naghdi model. Applied Numerical Mathematics, 2016, 110, 110-127.	2.1	11
17	High order central discontinuous Galerkin-finite element methods for the Camassaâ€“Holm equation. Applied Mathematics and Computation, 2014, 227, 237-245.	2.2	7
18	High order well-balanced CDGâ€“FE methods for shallow water waves by a Greenâ€“Naghdi model. Journal of Computational Physics, 2014, 257, 169-192.	3.8	44