

Guoxian Chen

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

357
citations

1307594

7
h-index

1588992

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g-index

8
all docs

8
docs citations

8
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified surface-gradient and hydrostatic reconstruction scheme for the shallow water equations. <i>Journal of Computational Physics</i> , 2022, 467, 111463.	3.8	5
2	Bandgap tuning of two-dimensional materials by sphere diameter engineering. <i>Nature Materials</i> , 2020, 19, 528-533.	27.5	80
3	A New Hydrostatic Reconstruction Scheme Based on Subcell Reconstructions. <i>SIAM Journal on Numerical Analysis</i> , 2017, 55, 758-784.	2.3	46
4	A Well-Balanced Reconstruction of Wet/Dry Fronts for the Shallow Water Equations. <i>Journal of Scientific Computing</i> , 2013, 56, 267-290.	2.3	93
5	A well-balanced stable generalized Riemann problem scheme for shallow water equations using adaptive moving unstructured triangular meshes. <i>International Journal for Numerical Methods in Fluids</i> , 2013, 73, 266-283.	1.6	18
6	An adaptive moving finite volume scheme for modeling flood inundation over dry and complex topography. <i>Water Resources Research</i> , 2013, 49, 1914-1928.	4.2	23
7	Second-Order Accurate Godunov Scheme for Multicomponent Flows on Moving Triangular Meshes. <i>Journal of Scientific Computing</i> , 2008, 34, 64-86.	2.3	40
8	The generalized Riemann problem method for the shallow water equations with bottom topography. <i>International Journal for Numerical Methods in Engineering</i> , 2006, 65, 834-862.	2.8	52