

Muming Xia

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

103
citations

1684188

5
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	A constant fractional-order viscoelastic wave equation and its numerical simulation scheme. Geophysics, 2018, 83, T39-T48.	2.6	34
2	A k-space operator-based least-squares staggered-grid finite-difference method for modeling scalar wave propagation. Geophysics, 2016, 81, T45-T61.	2.6	32
3	Modelling viscoacoustic wave propagation with the lattice Boltzmann method. Scientific Reports, 2017, 7, 10169.	3.3	11
4	A General 3D Lattice Spring Model for Modeling Elastic Waves. Bulletin of the Seismological Society of America, 2017, 107, 2194-2212.	2.3	6
5	A rectangular-grid lattice spring model for modeling elastic waves in Poisson's solids. Geophysics, 2018, 83, T69-T86.	2.6	6
6	Stability conditions of multiple-relaxation-time lattice Boltzmann model for seismic wavefield modeling. Journal of Applied Geophysics, 2022, 204, 104742.	2.1	5
7	Efficiency improved scalar wave low-rank extrapolation with an effective perfectly matched layer. Journal of Geophysics and Engineering, 2017, 14, 113-119.	1.4	3
8	Efficient boundary storage strategy for 3D elastic FWI in time domain. , 2014, , .		3
9	A Perfectly Matched Layer Technique Applied to Lattice Spring Model in Seismic Wavefield Forward Modeling for Poisson's Solids. Bulletin of the Seismological Society of America, 2022, 112, 608-621.	2.3	2
10	Numerical simulation of P-waves for different frequencies with lattice spring models. , 2014, , .		1
11	Modeling elastic waves with Lattice Spring Model. , 2015, , .		0
12	Viscoacoustic wave simulation by lattice Boltzmann method and the relationship between relaxation factor and the quality factor. , 2017, , .		0
13	Stability analysis of multiple-relaxation-time lattice Boltzmann model for wave simulation. , 2020, , .		0