Ruizhe Li

List of Publications by Year
in descending order

14 papers	178 citations	1307594 7 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	377 citing authors

#	Article	IF	Citations
1	Community Integrated Earth System Model (CIESM): Description and Evaluation. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002036.	3.8	44
2	Full-field fan-beam x-ray fluorescence computed tomography with a conventional x-ray tube and photon-counting detectors for fast nanoparticle bioimaging. Optical Engineering, 2017, 56, 043106.	1.0	33
3	C-Coupler2: a flexible and user-friendly community coupler for model coupling and nesting. Geoscientific Model Development, 2018, 11, 3557-3586.	3.6	25
4	Reduction of initial shock in decadal predictions using a new initialization strategy. Geophysical Research Letters, 2017, 44, 8538-8547.	4.0	24
5	Spectrum reconstruction method based on the detector response model calibrated by x-ray fluorescence. Physics in Medicine and Biology, 2017, 62, 1032-1045.	3.0	15
6	Efficient Nonserial Polyadic Dynamic Programming on the Cell Processor. , 2011, , .		9
7	Improving Parallel Performance of a Finite-Difference AGCM on Modern High-Performance Computers. Journal of Atmospheric and Oceanic Technology, 2014, 31, 2157-2168.	1.3	9
8	Feasible Energy Calibration for Multi-Threshold Photon-Counting Detectors Based on Reconstructed XRF Spectra. IEEE Transactions on Radiation and Plasma Medical Sciences, 2017, 1, 109-120.	3.7	7
9	PatCC1: an efficient parallel triangulation algorithm for spherical and planar grids with commonality and parallel consistency. Geoscientific Model Development, 2019, 12, 3311-3328.	3.6	4
10	DiRong1.0: a distributed implementation for improving routing network generation in model coupling. Geoscientific Model Development, 2020, 13, 6253-6263.	3.6	3
11	A detector response model based ML-EM spectrum reconstruction method calibrated by XRF spectra. , 2016, , .		2
12	Developing a common, flexible and efficient framework for weakly coupled ensemble data assimilation based on C-Coupler2.0. Geoscientific Model Development, 2021, 14, 2635-2657.	3.6	2
13	Image-domain Material Decomposition Based on Spectra Recovery in Spectral CT with Photon-counting Detectors. , 2017, , .		0
14	CSAP: A Performance Predictor for Climate Simulation Applications on Intel CPUs. Lecture Notes in Computer Science, 2015, , 308-328.	1.3	0