

David Michea

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

602
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

763
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | High-order finite-element seismic wave propagation modeling with MPI on a large GPU cluster. Journal of Computational Physics, 2010, 229, 7692-7714. | 3.8 | 241 |
| 2 | Porting a high-order finite-element earthquake modeling application to NVIDIA graphics cards using CUDA. Journal of Parallel and Distributed Computing, 2009, 69, 451-460. | 4.1 | 145 |
| 3 | Accelerating a three-dimensional finite-difference wave propagation code using GPU graphics cards. Geophysical Journal International, 2010, , no-no. | 2.4 | 67 |
| 4 | Improved Co-Registration of Sentinel-2 and Landsat-8 Imagery for Earth Surface Motion Measurements. Remote Sensing, 2018, 10, 160. | 4.0 | 65 |
| 5 | Modeling the propagation of elastic waves using spectral elements on a cluster of 192 GPUs. Computer Science - Research and Development, 2010, 25, 75-82. | 2.7 | 52 |
| 6 | A Simulation of Seismic Wave Propagation at High Resolution in the Inner Core of the Earth on 2166 Processors of MareNostrum. Lecture Notes in Computer Science, 2008, , 364-377. | 1.3 | 19 |
| 7 | Terrain deformation measurements from optical satellite imagery: The MPIC-OPT processing services for geohazards monitoring. Remote Sensing of Environment, 2022, 274, 112949. | 11.0 | 13 |