

David Michea

List of Publications by Year in descending order

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