2018

- Comparing Meso-Micro Methodologies for Annual Wind Resource Assessment and Turbine Siting at Cabauw
  Journal of Physics: Conference Series

- Insights on Sea Ice Data Assimilation from Perfect Model Observing System Simulation Experiments
  Journal of Climate
  Zhang, Y-F., C. M. Bitz, J. L. Anderson, N. Collins, J. Hendricks, T. Hoar, K. Raeder, and F. Massonnet

- Novel Monte Carlo Algorithm for Solving Singular Linear Systems
  Lecture Notes in Computer Science Computational Science ? ICCS 2018
  Vajargah, B. Fathi, V. Alexandrov, S. Javadi, and A. Hadian

- Converging safety and high-performance domains: Integrating OpenMP into Ada
  2018 Design, Automation & Test in Europe Conference & Exhibition (DATE)
  Royuela, S., L. Miguel Pinho, and E. Quiñones

- Arctic sea-ice change tied to its mean state through thermodynamic processes
  Nature Climate Change
  Massonnet, F., M. Vancoppenolle, H. Goosse, D. Docquier, T. Fichefet, and E. Blanchard-Wrigglesworth

- A variational approach to the phase field modeling of brittle and ductile fracture
  International Journal of Mechanical Sciences
  Rodriguez, P., J. Ulloa, C. Samaniego, and E. Samaniego

- Performance and Power Analysis of HPC Workloads on Heterogenous Multi-Node Clusters
Journal of Low Power Electronics and Applications
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- Quantifying climate feedbacks in polar regions
  Nature Communications

- Architectural Support for Task Dependence Management with Flexible Software Scheduling
  2018 IEEE International Symposium on High Performance Computer Architecture (HPCA)
  Castillo, E., L. Alvarez, M. Moreto, M. Casas, E. Vallejo, J. Luis Bosque, R. Beivide, and M. Valero

- PETGEM: A parallel code for 3D CSEM forward modeling using edge finite elements
  Computers & Geosciences
  Castillo-Reyes, O., J. de la Puente, and J. Maria Cela