2020

- **Tasking in accelerators: Performance evaluation**
  The 20th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT)
  L. Toledo, A. J. Pena, S. Catalán, and P. Valero-Lara
- **Analysis of threading libraries for high performance computing**
  IEEE Transactions on Computers
  A. Castelló, R. Mayo, S. Seo, P. Balaji, E. S. Quintana-Ortí, and A. J. Pena
- **The Devices, Experimental Scaffolds, and Biomaterials Ontology (DEB): A Tool for Mapping, Annotation, and Analysis of Biomaterials' Data**
  Advanced Functional Materials
  O. Hakimi, J L. Gelpí, M. Krallinger, F. Curi, D. Repchevsky, and M?P. Ginebra
- **Enabling energy-efficient computing for exascale with EPEEC**
  HiPEACinfo
  A. J. Pena
- **Guest editorial: Special Issue on Applications and System Software for Hybrid Exascale Systems**
  Parallel Computing
  A. J. Pena, and M. Si
- **Wall?modeled large?eddy simulation in a finite element framework**
  International Journal for Numerical Methods in Fluids
- **Sequential oxidation of 5-hydroxymethylfurfural to furan-2,5-dicarboxylic acid by an evolved aryl-alcohol oxidase**
Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics
J. Viña-González, A. T. Martínez, V. Guallar, and M. Alcalde

- A phase field approach enhanced with a cohesive zone model for modeling delamination induced by matrix cracking
  Computer Methods in Applied Mechanics and Engineering
  A. Quintanas-Corominas, A. Turon, J. Reinoso, E. Casoni, M. Paggi, and J.A. Mayugo

- HDOT: An approach towards productive programming of hybrid applications
  Journal of Parallel and Distributed Computing
  J. Ciesko, P. J. Martínez-Ferrer, R. Peñacoba Veigas, X. Teruel, and V. Beltran

- Twig: Multi-Agent Task Management for Colocated Latency-Critical Cloud Services
  26th IEEE International Symposium on High-Performance Computer Architecture (HPCA 26)
  R. Nishtala, V. Petrucci, P. Carpenter, and M. Sjalander