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. K rallinger, F. Curi, D. Repch evsky, 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

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

Source URL (retrieved on 11 Apr 2020 - 06:52): https://www.bsc.es/research-and-development/publications