2018

- Subject-variability effects on micron particle deposition in human nasal cavities
  Journal of Aerosol Science
  Calmet, H., C., Kleinstreuer, G., Houzeaux, A.V., Kolanjiyil, O., Lehmkuhl, E., Olivares, and M. Vázquez
- Efficient CFD code implementation for the ARM-based Mont-Blanc architecture
  Future Generation Computer Systems
  Oyarzun, G., R., Borrell, A., Gorobets, F., Mantovani, and A. Oliva
- Aerosol-radiation interaction in atmospheric models: Idealized sensitivity study of simulated short-wave direct radiative effects to particle microphysical properties
  Journal of Aerosol Science
  Obiso, V., and O. Jorba
- Use of bias correction techniques to improve seasonal forecasts for reservoirs? A case-study in northwestern Mediterranean
  Science of The Total Environment
  Marcos, R., M. Carmen Llasat, P. Quintana-Seguí, and M. Turco

2017

- SEDEA: A Sensible Approach to Account DRAM Energy in Multicore Systems
  2017 29th International Symposium on Computer Architecture and High Performance Computing (SBAC-PAD)
  Liu, Q., M. Moreto, J. Abella, F. J. Cazorla, and M. Valero
Unconventional Current Scaling and Edge Effects for Charge Transport through Molecular Clusters
Nano Letters
Obersteiner, V., G. Huhs, N. Papior, and E. Zojer

Towards efficient data exchange and sharing for big-data driven materials science: metadata and data formats
npj Computational Materials

Modelling of Alfvén modes properties in TJ-II plasmas
17th European Fusion Theory Conference
Rakha, A., M. Mantsinen, and et. al.

Overview of the JET results in support to ITER
Nuclear Fusion
Litaudon, X., M. Mantsinen, A. Rakha, S. Futatani, D. Gallart, and et. al.

Non-linear MHD Simulations of Pellet Triggered ELM for ITER Plasma Scenarios
Europhysics Conference Abstracts
Futatani, S., GTA. Huisjmans, A. Loarte, M. Mantsinen, and et. al.