Ginsburg - Research Products

This page will list citations for research that was aided by the Ginsburg HPC cluster.

**Question:**
How do I acknowledge the resources I have used on Ginsburg, Terremoto and Habanero in publications?

**Answer:**
Published research emerging out of computations run on the Ginsburg, Terremoto, Habanero and/or Yeti machines must recognize the grants that have made this service possible.

We ask that all related publications include the following acknowledgement text:

"We acknowledge computing resources from Columbia University’s Shared Research Computing Facility project, which is supported by NIH Research Facility Improvement Grant 1G20RR030893-01, and associated funds from the New York State Empire State Development, Division of Science Technology and Innovation (NYSTAR) Contract C090171, both awarded April 15, 2010."

Please send citations to hpc-support@columbia.edu.

For more info please visit:
https://research.columbia.edu/content/srcpac/habanerpublications

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Updated March 2019.

**Physics and Astronomy (17)**


Hendel D et al. SMHASH: Anatomy of the Orphan Stream using RR Lyrae stars. eprint; arXiv 1711.04663

Plotnikov I and Sironi L. The synchrotron maser emission from relativistic shocks in Fast Radio Bursts: 1D PIC simulations of cold pair plasmas. eprint: arXiv v:1901.01029


Biomedical Sciences (9)


Agmon E, Solon J, Bassereau P, Stockwell BR. Modeling the effects of lipid peroxidation during ferroptosis on membrane properties. Scientific Reports. 20 18 Mar [pubmed, pdf]


Statistics, Computer Science, and Engineering (34)


Rudolph M, Blei D. Dynamic Embeddings for Language Evolution, In Proceedings of WWW, 2018


Rudolph M. , Ruiz F, Blei D. Word2Net: Deep Representations of Language, Submitted to ICML, 2018

Krstovski K, Blei DM. "Equation Embeddings", Submitted to ICML , 2018


Liu L, Blei DM. "Zero-Inflated Exponential Family Embeddings." NIPS 2017


Rudolph M, Blei DM. "Dynamic Embeddings for Language Evolution." In proceedings of WWW, 2018


Krstovski K, Blei DM, "Equation Embeddings." Under review in International Conference on Machine Learning, 2018


Environmental Sciences (3)


Social Sciences (1)