Resource Summary Report

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BOINC - Berkeley Open Infrastructure for Network Computing

RRID:SCR_015896
Type: Tool

Proper Citation

BOINC - Berkeley Open Infrastructure for Network Computing (RRID:SCR_015896)

Resource Information

URL: http://boinc.berkeley.edu

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Description: Software to orchestrate the distribution of computational work units (data and applications) to volunteers and have results collected back. It supports diverse applications, including those with large storage or communication requirements, and addresses unsolved issues in biology, medicine, physics, astronomy and computer science.

Abbreviations: BOINC

Synonyms: Berkeley Open Infrastructure for Network Computing, Berkeley Open Infrastructure for Network Computing (BOINC)

Resource Type: data processing software, data distribution software, project portal, software resource, portal, data or information resource, software application, data acquisition software

Defining Citation: PMID:27547555

Keywords: infrastructure, computing, network, volunteer, data, application, distribution, storage, communication, biology, medicine, physics, astronomy, computer science

Availability: Open source, Free, Available for download, The public can contribute to this resource, The research community can contribute to this resource, Available on Google Play Store, Available on Kindle Store, Available on Amazon App Store

Resource Name: BOINC - Berkeley Open Infrastructure for Network Computing

Resource ID: SCR_015896

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Record Creation Time: 20220129T080328+0000

Record Last Update: 20260731T042946+0000

Ratings and Alerts

No rating or validation information has been found for BOINC - Berkeley Open Infrastructure for Network Computing.

No alerts have been found for BOINC - Berkeley Open Infrastructure for Network Computing.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Strasser BJ, et al. (2023) Quantifying online citizen science: Dynamics and demographics of public participation in science. PloS one, 18(11), e0293289.

Ozercan HI, et al. (2018) Realizing the potential of blockchain technologies in genomics. Genome research, 28(9), 1255.

Rinaldi A, et al. (2009) Science wikinomics. Mass networking through the web creates new forms of scientific collaboration. EMBO reports, 10(5), 439.