

Resource Summary Report

Generated by SPARC SAWG on Aug 5, 2026

Open Science Chain

RRID:SCR_018773

Type: Tool

Proper Citation

Open Science Chain (RRID:SCR_018773)

Resource Information

URL: <https://opensciencechain.org/>

Proper Citation: Open Science Chain (RRID:SCR_018773)

Description: Provides data integrity using blockchain. Used for protecting integrity and provenance of research data. Open science chain utilizes distributed ledger technology (consortium blockchain) to securely store information about scientific data including its provenance to enable independent verification of its authenticity to establish trust in the research community.

Abbreviations: OSC

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

Defining Citation: [DOI:10.1145/3332186.3332203](https://doi.org/10.1145/3332186.3332203)

Keywords: ASWG, data integrity, research data, authenticity, data integrity protection, data protection, data verification

Funding: NSF 1840218

Availability: Free, Freely available

Resource Name: Open Science Chain

Resource ID: SCR_018773

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260805T044424+0000

Ratings and Alerts

No rating or validation information has been found for Open Science Chain.

No alerts have been found for Open Science Chain.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Sivagnanam S, et al. (2024) Towards building a trustworthy pipeline integrating Neuroscience Gateway and Open Science Chain. Database : the journal of biological databases and curation, 2024.

Menke J, et al. (2020) The Rigor and Transparency Index Quality Metric for Assessing Biological and Medical Science Methods. iScience, 23(11), 101698.