

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

ISA API

RRID:SCR_020980

Type: Tool

Proper Citation

ISA API (RRID:SCR_020980)

Resource Information

URL: <https://github.com/ISA-tools/isa-api>

Proper Citation: ISA API (RRID:SCR_020980)

Description: Open platform for interoperable life science experimental metadata. Metadata framework as set of community specifications and software tools for enabling discovery, exchange and publication of metadata from experiments in life sciences. Python library for creation, editing, parsing, and validating of ISA-Tab and ISA-JSON formats. Provides programmatic metadata handling functionality to support automation, common interface and interoperable medium between two ISA formats, as well as with other life science data formats required for depositing data in public databases.

Synonyms: Investigation Study Assay API

Resource Type: software toolkit, software resource

Defining Citation: [DOI:10.1101/2020.11.13.382119](https://doi.org/10.1101/2020.11.13.382119)

Keywords: Interoperable life science platform, experimental metadata platform, ISA-Tab format, ISA-JSON format, depositing data formats, public databases depositing data format

Availability: Free, Available for download, Freely available

Resource Name: ISA API

Resource ID: SCR_020980

License: CPAL

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260810T040754+0000

Ratings and Alerts

No rating or validation information has been found for ISA API.

No alerts have been found for ISA API.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Johnson D, et al. (2021) ISA API: An open platform for interoperable life science experimental metadata. GigaScience, 10(9).