## **Resource Summary Report**

Generated by <u>dkNET</u> on May 22, 2025

# **Reciprocal Net**

RRID:SCR\_008238 Type: Tool

### **Proper Citation**

Reciprocal Net (RRID:SCR\_008238)

### **Resource Information**

URL: http://www.reciprocalnet.org/

Proper Citation: Reciprocal Net (RRID:SCR\_008238)

**Description:** An online community that maintains a distributed database of crystallographic information. Its membership includes crystallographic service facilities (that analyze crystals submitted by research chemists) located at major universities. These labs analyze anywhere from a few dozen to several hundred molecular structures each year and post the data online for the public to access. A distributed database engine takes care of shuttling this data across the Internet so that every structure can be located by the search engine. There may be a delay of a year or more between the time a structure is first analyzed and the time it finally becomes available for the public to see. This is due to intellectual property issues - the intervening time allows the chemists who first discovered the structure to publish it in a trade journal.

#### Abbreviations: Reciprocal Net

**Synonyms:** Reciprocal Net - a distributed crystallography network for researchers students and the general public

Resource Type: database, software resource, data or information resource

**Keywords:** 3d molecular structure, chemistry, digital, molecular, structure, molecular structure, crystallography, chemical process

Funding: NSF

Availability: Public

Resource Name: Reciprocal Net

Resource ID: SCR\_008238

Alternate IDs: nif-0000-21353

**Record Creation Time:** 20220129T080246+0000

Record Last Update: 20250522T060458+0000

### **Ratings and Alerts**

No rating or validation information has been found for Reciprocal Net.

No alerts have been found for Reciprocal Net.

### Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Guss JM, et al. (2014) How to make deposition of images a reality. Acta crystallographica. Section D, Biological crystallography, 70(Pt 10), 2520.

Zhulina EB, et al. (2007) A self-consistent field analysis of the neurofilament brush with amino-acid resolution. Biophysical journal, 93(5), 1421.