

# Resource Summary Report

Generated by SPARC SAWG on Jul 31, 2026

## Generate Pseudo-Random Numbers

RRID:SCR\_006535

Type: Tool

### Proper Citation

Generate Pseudo-Random Numbers (RRID:SCR\_006535)

### Resource Information

**URL:** <https://docs.python.org/2/library/random.html>

**Proper Citation:** Generate Pseudo-Random Numbers (RRID:SCR\_006535)

**Description:** This module implements pseudo-random number generators for various distributions. For integers, uniform selection from a range. For sequences, uniform selection of a random element, a function to generate a random permutation of a list in-place, and a function for random sampling without replacement. On the real line, there are functions to compute uniform, normal (Gaussian), lognormal, negative exponential, gamma, and beta distributions. For generating distributions of angles, the von Mises distribution is available. Sponsors: This resource is supported by ASTi logo Advanced Simulation Technology Inc. (ASTi); Array BioPharma Inc.; BizRate.com; Canonical Ltd.; CCP Games; cPacket Networks; EarnMyDegree.com; Enthought Inc.; Exoweb Ltd.; Google; HitMeister Inc.; IronPort Systems; KNMP; Lucasfilm; Madison Tyler LLC.; Merfin, LLC.; Microsoft; OpenEye Scientific Software; Opsware, Inc.; O'Reilly & Associates, Inc.; PropertySold.ca; Rogue Wave; SEO Moves; Strakt Holdings, Inc.; Sun Microsystems; Tabblo; ZeOmega, LLC., and Zope Corporation.

**Synonyms:** Generate Pseudo

**Resource Type:** topical portal, data or information resource, portal

**Keywords:** element, function, generator, computation, distribution, integer, lognormal, module, number, pseudo-random, range, sampling, sequence

**Resource Name:** Generate Pseudo-Random Numbers

**Resource ID:** SCR\_006535

**Alternate IDs:** nif-0000-30012

**Old URLs:** <http://docs.python.org/lib/module-random.html>

**Record Creation Time:** 20220129T080236+0000

**Record Last Update:** 20260731T042725+0000

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## Ratings and Alerts

No rating or validation information has been found for Generate Pseudo-Random Numbers.

No alerts have been found for Generate Pseudo-Random Numbers.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tiffin N, et al. (2005) Integration of text- and data-mining using ontologies successfully selects disease gene candidates. Nucleic acids research, 33(5), 1544.