

# Resource Summary Report

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## Mason

RRID:SCR\_002476

Type: Tool

### Proper Citation

Mason (RRID:SCR\_002476)

### Resource Information

**URL:** <https://github.com/seqan/seqan/tree/master/apps/mason2>

**Proper Citation:** Mason (RRID:SCR\_002476)

**Description:** Collection of software tools for simulating biological sequences, including simulations of genome fragment sampling, random genomic sequences, methylation levels, and NGS reads.

**Synonyms:** Mason2

**Resource Type:** simulation software, software resource, software application

**Keywords:** read simulating software, sequencing simulation, haplotype simulation

**Availability:** Free, Available for download, Freely available

**Resource Name:** Mason

**Resource ID:** SCR\_002476

**Alternate IDs:** OMICS\_00252

**Record Creation Time:** 20220129T080213+0000

**Record Last Update:** 20260731T042628+0000

### Ratings and Alerts

No rating or validation information has been found for Mason.

No alerts have been found for Mason.

### Data and Source Information

## Usage and Citation Metrics

We found 164 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Jia X, et al. (2025) Influence of Microstructure on Music Properties of SWP-B Music Steel Wire Under Different Annealing Treatments. *Materials* (Basel, Switzerland), 18(2).

Jain R, et al. (2025) Non-invasive Resonance Raman Spectroscopy provides an early estimation of depth in a pig model of multi-depth burns. *Research square*.

Keng M, et al. (2025) Assigning Peptide Structure from Ion-Mobility Mass Spectrometry Collision Cross Section Data. *Journal of the American Society for Mass Spectrometry*, 36(8), 1677.

Twardy V, et al. (2025) Superior Primary Stability of a Knotless Double-Row Construct Compared to Mason-Allen Repair for Anatomical Refixation of Gluteal Tendons- Biomechanical Human Cadaver Study. *Orthopaedic surgery*, 17(10), 2973.

Wang S, et al. (2025) Alien range size, habitat breadth, origin location, and domestication of alien species matter to their impact risks. *Integrative zoology*, 20(3), 520.

Fang F, et al. (2025) LincRNA-ASAO promotes dental pulp repair through interacting with PTBP1 to increase ALPL alternative splicing. *Stem cell research & therapy*, 16(1), 149.

Jankoski PE, et al. (2025) Bioactive Supramolecular Polymers for Skin Regeneration Following Burn Injury. *Biomacromolecules*, 26(8), 5471.

Wang L, et al. (2025) TIM4+macrophages suppress the proinflammatory response to maintain the chronic alveolar echinococcosis infection. *Frontiers in cellular and infection microbiology*, 15, 1600686.

Gerovac M, et al. (2025) Programmable antisense oligomers for phage functional genomics. *Nature*, 646(8087), 1195.

Li X, et al. (2025) Discovery of a Ferromagnetic Nickel Chalcogenide Nanocluster Ni<sub>3</sub>S<sub>3</sub>H(PEt<sub>3</sub>)<sub>5</sub>. *Small* (Weinheim an der Bergstrasse, Germany), 21(23), e2500070.

Nair V, et al. (2025) Functional Outcome of Radial Head Fracture Treated with Open Reduction Internal Fixation using Plating Versus Herbert Screw Fixation: A Case Series. *Journal of orthopaedic case reports*, 15(3), 233.

Azamuke D, et al. (2025) A labeled synthetic mobile money transaction dataset. *Data in brief*, 60, 111534.

Mason KN, et al. (2025) Achieving Clinical Success in Nonsedated Velopharyngeal Magnetic Resonance Imaging: Optimizing Data Quality and Patient Selection. *Plastic and reconstructive surgery*, 155(3), 562e.

Steijvers E, et al. (2025) Rapid assessment of the osteogenic capacity of hydroxyapatite/aragonite using a murine tibial periosteal ossification model. *Bioactive materials*, 45, 257.

Son H, et al. (2025) Exploring the Trajectories of Depressive Symptoms Associated With Bullying Victimization: The Intersection of Gender and Family Support. *Journal of adolescence*, 97(3), 746.

Zhu Y, et al. (2025) Tissue Mimetic Membranes for Healing Augmentation of Tendon-Bone Interface in Rotator Cuff Repair. *Advanced materials (Deerfield Beach, Fla.)*, 37(10), e2407358.

Wess M, et al. (2025) Spatial integration of multi-omics data from serial sections using the novel Multi-Omics Imaging Integration Toolset. *GigaScience*, 14.

Ibrahim NA, et al. (2025) Cell protective effects of vitamin C against oxidative stress induced by ciprofloxacin on spermatogenesis: involvement of cellular apoptosis. *Frontiers in cell and developmental biology*, 13, 1489959.

Sommer B, et al. (2024) "In the end, the story of climate change was one of hope and redemption": ChatGPT's narrative on global warming. *Ambio*, 53(7), 951.

Jeang WJ, et al. (2024) Silicone cryogel skeletons enhance the survival and mechanical integrity of hydrogel-encapsulated cell therapies. *Science advances*, 10(14), eadk5949.