

Resource Summary Report

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Sherman

RRID:SCR_001294

Type: Tool

Proper Citation

Sherman (RRID:SCR_001294)

Resource Information

URL: <https://github.com/FelixKrueger/Sherman>

Proper Citation: Sherman (RRID:SCR_001294)

Description: Software tool to simulate FastQ files for high-throughput sequencing experiments. It allows the user to introduce various "contaminants" into the sequences, such as basecall errors, SNPs, adapter fragments etc., in order to evaluate the influence of common problems observed in many Next-Gen Sequencing experiments.

Abbreviations: Sherman

Synonyms: Sherman - bisulfite-treated Read FastQ Simulator

Resource Type: software resource

Keywords: perl, bisulfite sequencing, high-throughput sequencing, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Sherman

Resource ID: SCR_001294

Alternate IDs: biotools:sherman, OMICS_02041

Alternate URLs: <http://www.bioinformatics.babraham.ac.uk/projects/sherman/>

License: GNU General Public License, v3

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260801T190137+0000

Ratings and Alerts

No rating or validation information has been found for Sherman.

No alerts have been found for Sherman.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 124 mentions in open access literature.

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

Gugushev C, et al. (2026) Floating zone growth of high-purity MgO substrate single crystals. Acta crystallographica Section B, Structural science, crystal engineering and materials, 82(Pt 1), 2.

van Elst T, et al. (2025) Integrative taxonomy clarifies the evolution of a cryptic primate clade. Nature ecology & evolution, 9(1), 57.

Jones J, et al. (2025) Understanding disclosures of sexual violence in Canadian postsecondary institutions: a scoping review protocol. BMJ open, 15(8), e099628.

Srinath R, et al. (2025) Guided by Noise: Correlated Variability Channels Task-Relevant Information in Sensory Neurons. bioRxiv : the preprint server for biology.

Draper TJW, et al. (2025) A viscous fluid model for large-scale motion estimation in image-guided radiotherapy. Medical physics, 52(7), e17967.

Chen J, et al. (2025) Singularity formation in 3D Euler equations with smooth initial data and boundary. Proceedings of the National Academy of Sciences of the United States of America, 122(27), e2500940122.

Chauhan P, et al. (2025) Plant growth promoting endophytic fungus *Aspergillus niger* VN2 enhances growth, regulates oxidative stress and protects DNA damage in *Vigna radiata* under salt stress. BMC microbiology, 25(1), 585.

Ducrot C, et al. (2025) Integrating Environmental Impact in Health Technology Assessment: An Exploratory Study. PharmacoEconomics, 43(10), 1205.

Hasan T, et al. (2025) Order of Addition in Mixture-Amount Experiments. Pharmaceutical statistics, 24(6), e70047.

Hsu CY, et al. (2024) A distribution-free and analytic method for power and sample size calculation in single-cell differential expression. Bioinformatics (Oxford, England), 40(9).

Gómez-Bravo A, et al. (2024) Zoonotic Cycle of American Trypanosomiasis in an Endemic Region of the Argentine Chaco, Factors That Influenced a Paradigm Shift. Insects, 15(7).

Austerberry J, et al. (2024) Mathematics Anxiety and Undergraduate Nursing Students: A Mixed Methods Study. *Nursing open*, 11(12), e70082.

Klein A, et al. (2024) Temporal dynamics in gastrointestinal helminth infections of sympatric mouse lemur species (*Microcebus murinus* and *Microcebus ravelobensis*) in Northwestern Madagascar. *International journal for parasitology. Parasites and wildlife*, 25, 100972.

Lu R, et al. (2024) A Novel Fault Diagnosis Method Using FCEEMD-Based Multi-Complexity Low-Dimensional Features and Directed Acyclic Graph LSTSVM. *Entropy (Basel, Switzerland)*, 26(12).

Eswaran SUD, et al. (2024) Osmolyte-producing microbial biostimulants regulate the growth of *Arachis hypogaea* L. under drought stress. *BMC microbiology*, 24(1), 165.

Lai Y, et al. (2024) Tutorial on compressed ultrafast photography. *Journal of biomedical optics*, 29(Suppl 1), S11524.

Kaur H, et al. (2024) Microbes mediated alleviation of chromium (Cr VI) stress for improved phytoextraction in fodder maize (*Zea mays* L.) cultivar. *Heliyon*, 10(23), e40361.

Gangl P, et al. (2024) Efficient and Accurate Separable Models for Discretized Material Optimization: A Continuous Perspective Based on Topological Derivatives. *Journal of geometric analysis*, 34(7), 206.

Buschermöhle Y, et al. (2024) Comparing the performance of beamformer algorithms in estimating orientations of neural sources. *iScience*, 27(3), 109150.

Hnini M, et al. (2024) Genetic diversity, stress tolerance and phytobeneficial potential in rhizobacteria of *Vachellia tortilis* subsp. *raddiana*. *Environmental microbiome*, 19(1), 73.