

Resource Summary Report

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clustree

RRID:SCR_016293

Type: Tool

Proper Citation

clustree (RRID:SCR_016293)

Resource Information

URL: <https://CRAN.R-project.org/package=clustree>

Proper Citation: clustree (RRID:SCR_016293)

Description: Software package which allows to produce clustering trees and visualize clusterings at different resolutions. Used in the analysis of large data sets to group together samples with similar properties.

Resource Type: software application, data analysis software, software resource, data processing software, data visualization software

Keywords: clustering, tree, visualisation, data, set, group, sample, similar, property, different, resolution, cluster

Availability: Free, Freely available, Available for download

Resource Name: clustree

Resource ID: SCR_016293

Alternate URLs: <https://github.com/lazappi/clustree>

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260729T044414+0000

Ratings and Alerts

No rating or validation information has been found for clustree.

No alerts have been found for clustree.

Data and Source Information

Usage and Citation Metrics

We found 82 mentions in open access literature.

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

Heaton AR, et al. (2026) Divergent role of CD8 T cells with distinct metabolic phenotypes during curative radio-immunotherapy in hot versus cold tumors. bioRxiv : the preprint server for biology.

Dunn LN, et al. (2026) Altered hepatic metabolism in Down syndrome. Cell reports, 45(1), 116835.

Xiao X, et al. (2025) Single-cell transcriptomic profiling reveals cell type heterogeneity between HFpEF and HFrEF. Communications biology, 8(1), 1436.

Chen Y, et al. (2025) Single-cell RNA sequencing reveals tumor cell and immune cell variations associated with lymphatic metastasis in papillary thyroid cancer. Endocrine connections, 14(12).

Luca E, et al. (2025) Revealing heterogeneity and damage response in the adult human utricle. Nature communications, 17(1), 9.

Hrncir HR, et al. (2025) Sox9 inhibits Activin A to promote biliary maturation and branching morphogenesis. Nature communications, 16(1), 1667.

Nayar S, et al. (2025) Molecular and spatial analysis of tertiary lymphoid structures in Sjogren's syndrome. Nature communications, 16(1), 5.

Han D, et al. (2025) Multipotent neural stem cells originating from neuroepithelium exist outside the mouse central nervous system. Nature cell biology, 27(4), 605.

D'Sa K, et al. (2025) Astrocytic RNA editing regulates the host immune response to alpha-synuclein. Science advances, 11(15), eadp8504.

Ford C, et al. (2025) Nkx2.7 is a conserved regulator of craniofacial development. Nature communications, 16(1), 3802.

Zhang H, et al. (2025) Intra-tumoural RAMP1+ B cells promote resistance to neoadjuvant anti-PD-1-based therapy in oesophageal squamous cell carcinoma. Immunotherapy advances, 5(1), Itaf012.

Zhuang Y, et al. (2025) Single-nucleus and spatial signatures of the brainstem in normal brain and mild traumatic brain injury in male mice. Nature communications, 16(1), 5082.

Milivojev N, et al. (2025) Light-modulated stem cells in the camera-type eye of an annelid model for adult brain plasticity. Nature communications, 16(1), 9861.

Hughes BK, et al. (2025) SenPred: a single-cell RNA sequencing-based machine learning pipeline to classify deeply senescent dermal fibroblast cells for the detection of an in vivo senescent cell burden. *Genome medicine*, 17(1), 2.

Taskinen ME, et al. (2025) Integrin $\alpha 1$ activity controls colony morphology during human pluripotent stem cell state transitions. *Stem cell reports*, 20(7), 102538.

Namestnikov M, et al. (2025) Human fetal kidney organoids model early human nephrogenesis and Notch-driven cell fate. *The EMBO journal*, 44(17), 4681.

Kaplan MM, et al. (2025) Mesenchymal Meis2 controls whisker development independently from trigeminal sensory innervation. *eLife*, 13.

Huang J, et al. (2025) Homocysteine Exacerbates Pulmonary Fibrosis via Orchestrating Syntaxin 17 Homocysteinylation of Alveolar Type II Cells. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(46), e07803.

Erbe AK, et al. (2025) Immune-mediated Engagement of T Regulatory Cells with Tumor Cells Results in Trogocytosis and Tumor Cell Killing. *bioRxiv : the preprint server for biology*.

Blanco Mendana J, et al. (2025) Deterministic genetic barcoding for multiplexed behavioral and single-cell transcriptomic studies. *eLife*, 12.