

Reversed graph embedding resolves complex single-cell

Nature Methods

14, 979-982

DOI: [10.1038/nmeth.4402](https://doi.org/10.1038/nmeth.4402)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Computational approaches for interpreting scRNA-seq data. FEBS Letters, 2017, 591, 2213-2225.	1.3	112
2	Single-cell RNA-seq of the brain. Clinical and Translational Medicine, 2017, 6, 20.	1.7	49
3	The BRAIN Initiative Cell Census Consortium: Lessons Learned toward Generating a Comprehensive Brain Cell Atlas. Neuron, 2017, 96, 542-557.	3.8	235
4	Dissecting hematopoietic and renal cell heterogeneity in adult zebrafish at single-cell resolution using RNA sequencing. Journal of Experimental Medicine, 2017, 214, 2875-2887.	4.2	168
5	Comprehensive single-cell transcriptional profiling of a multicellular organism. Science, 2017, 357, 661-667.	6.0	1,067
6	Single-cell transcriptomic analysis of oligodendrocyte lineage cells. Current Opinion in Neurobiology, 2017, 47, 168-175.	2.0	37
7	Reconstruction of complex single-cell trajectories using CellRouter. Nature Communications, 2018, 9, 892.	5.8	78
8	Single-Cell RNA-Seq of Mouse Dopaminergic Neurons Informs Candidate Gene Selection for Sporadic Parkinson Disease. American Journal of Human Genetics, 2018, 102, 427-446.	2.6	102
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10	Cell type atlas and lineage tree of a whole complex animal by single-cell transcriptomics. Science, 2018, 360, .	6.0	381
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18	Manifold learning-based methods for analyzing single-cell RNA-sequencing data. Current Opinion in Systems Biology, 2018, 7, 36-46.	1.3	103

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20	Methods and challenges in the analysis of single-cell RNA-sequencing data. <i>Current Opinion in Systems Biology</i> , 2018, 7, 47-53.	1.3	19
21	Single-Cell Computational Strategies for Lineage Reconstruction in Tissue Systems. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 539-548.	2.3	33
22	Observation weights unlock bulk RNA-seq tools for zero inflation and single-cell applications. <i>Genome Biology</i> , 2018, 19, 24.	3.8	180
23	Characterization of germ cell differentiation in the male mouse through single-cell RNA sequencing. <i>Scientific Reports</i> , 2018, 8, 6521.	1.6	70
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1743	Establishment of inclusive single-cell transcriptome atlases from mouse and human tooth as powerful resource for dental research. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
1744	Randomized phase I trial of antigen-specific tolerizing immunotherapy with peptide/calcitriol liposomes in ACPA+ rheumatoid arthritis. <i>JCI Insight</i> , 2022, 7, .	2.3	16
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1754	Alignment of single-cell trajectory trees with CAPITAL. <i>Nature Communications</i> , 2022, 13, .	5.8	8
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1759	Single-cell technologies: From research to application. <i>Innovation(China)</i> , 2022, 3, 100342.	5.2	13
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1818	An IGF1-expressing endometrial stromal cell population is associated with human decidualization. <i>BMC Biology</i> , 2022, 20, .	1.7	7
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1854	Novel biomarkers predict prognosis and drug-induced neuroendocrine differentiation in patients with prostate cancer. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	2
1855	Single-cell computational machine learning approaches to immune-mediated inflammatory disease: New tools uncover novel fibroblast and macrophage interactions driving pathogenesis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
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1865	Molecular characterization of cell types in the squid <i>Loligo vulgaris</i> . <i>ELife</i> , 0, 12, .	2.8	13
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1878	Correlation between oncogene integrator complex subunit 7 and a poor prognosis in lung adenocarcinoma. <i>Journal of Thoracic Disease</i> , 2022, 14, 4815-4827.	0.6	1
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1885	Comparing the transcriptome of developing native and iPSC-derived mouse retinae by single cell RNA sequencing. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
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1889	<sc>Colony-stimulating factor 1 positive (CSF1⁺</sc> secretory epithelial cells induce excessive trophoblast invasion in tubal pregnancy rupture. <i>Cell Proliferation</i> , 2023, 56, .	2.4	1
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1896	BLTSA: pseudotime prediction for single cells by branched local tangent space alignment. <i>Bioinformatics</i> , 0, , .	1.8	0
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1909	Integrative single-cell RNA-seq and ATAC-seq analysis of myogenic differentiation in pig. <i>BMC Biology</i> , 2023, 21, .	1.7	9
1911	Single-cell sequencing of ascites fluid illustrates heterogeneity and therapy-induced evolution during gastric cancer peritoneal metastasis. <i>Nature Communications</i> , 2023, 14, .	5.8	14
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1923	Molecular Evidence for Olfactory Neuroblastoma as a Tumor of Malignant Globose Basal Cells. <i>Modern Pathology</i> , 2023, 36, 100122.	2.9	5
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1935	Single-Cell Transcriptomic Analysis of Primary and Metastatic Tumor Ecosystems in Esophageal Squamous Cell Carcinoma. <i>Advanced Science</i> , 2023, 10, .	5.6	13
1938	Single-Cell Landscape Highlights Heterogenous Microenvironment, Novel Immune Reaction Patterns, Potential Biomarkers and Unique Therapeutic Strategies of Cervical Squamous Carcinoma, Human Papillomavirus-Associated (HPVA) and Non-HPVA Adenocarcinoma. <i>Advanced Science</i> , 2023, 10, .	5.6	6
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1951	Parallelized multidimensional analytic framework applied to mammary epithelial cells uncovers regulatory principles in EMT. <i>Nature Communications</i> , 2023, 14, .	5.8	6
1953	Abnormal signal pathways and tumor heterogeneity in osteosarcoma. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	2
1954	Heterogeneity of Islet-Infiltrating IL-21+ CD4 T Cells in a Mouse Model of Type 1 Diabetes. <i>Journal of Immunology</i> , 2023, 210, 935-946.	0.4	3
1955	Single-cell RNA landscape of the special fiber initiation process in <i>Bombax ceiba</i> . <i>Plant Communications</i> , 2023, 4, 100554.	3.6	3
1956	scTenifoldXct: A semi-supervised method for predicting cell-cell interactions and mapping cellular communication graphs. <i>Cell Systems</i> , 2023, 14, 302-311.e4.	2.9	7
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1958	Chemoresistance in acute myeloid leukemia: An alternative single-cell RNA sequencing approach. <i>Hematological Oncology</i> , 2023, 41, 499-509.	0.8	1
1959	Biglycan regulates bone development and regeneration. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	4
1960	Complement receptor C5aR1 blockade reprograms tumor-associated macrophages and synergizes with anti-PD-1 therapy in gastric cancer. <i>International Journal of Cancer</i> , 2023, 153, 224-237.	2.3	5
1961	Prognostic 7-SLC-Gene Signature Identified via Weighted Gene Co-Expression Network Analysis for Patients with Hepatocellular Carcinoma. <i>Journal of Oncology</i> , 2023, 2023, 1-21.	0.6	1

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1964	A molecular atlas reveals the tri-sectional spinning mechanism of spider dragline silk. <i>Nature Communications</i> , 2023, 14, .	5.8	2
1968	Monocytes re-enter the bone marrow during fasting and alter the host response to infection. <i>Immunity</i> , 2023, 56, 783-796.e7.	6.6	33
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1974	Decitabine priming increases anti-PD-1 antitumor efficacy by promoting CD8+ progenitor exhausted T cell expansion in tumor models. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	8
1976	A population of stem cells with strong regenerative potential discovered in deer antlers. <i>Science</i> , 2023, 379, 840-847.	6.0	28
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1978	Single-cell profiling of ineffective erythropoiesis in a mouse model of β -thalassaemia intermedia. <i>British Journal of Haematology</i> , 2023, 201, 982-994.	1.2	0
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1981	Exploring heterogeneity of tumor immune cells and adrenal cells in aldosterone-producing adenomas using single-cell RNA-seq and investigating differences by sex. <i>Heliyon</i> , 2023, 9, e14357.	1.4	2
1982	Cytotoxic CD161 ^{hi} CD8 ⁺ TEMRA cells contribute to the pathogenesis of systemic lupus erythematosus. <i>EBioMedicine</i> , 2023, 90, 104507.	2.7	7
1986	RobustTree: An adaptive, robust PCA algorithm for embedded tree structure recovery from single-cell sequencing data. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
1988	Single-cell RNA sequencing reveals cell landscape following antimony exposure during spermatogenesis in <i>Drosophila</i> testes. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	6
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1992	Cervical cancer immune infiltration microenvironment identification, construction of immune scores, assisting patient prognosis and immunotherapy. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	3
1993	A novel phenotype of B cells associated with enhanced phagocytic capability and chemotactic function after ischemic stroke. <i>Neural Regeneration Research</i> , 2023, 18, 2413-2423.	1.6	5
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