

Inference and analysis of cell-cell communication using

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stromal infiltrating mast cells identify immunoevasive subtype high-grade serous ovarian cancer with poor prognosis and inferior immunotherapeutic response. <i>Oncolmmunology</i> , 2021, 10, 1969075.	2.1	18
2	Single-cell Immune Landscape of Human Recurrent Miscarriage. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 208-222.	3.0	66
3	Integrated intra- and intercellular signaling knowledge for multicellular omics analysis. <i>Molecular Systems Biology</i> , 2021, 17, e9923.	3.2	152
6	A high-resolution cell atlas of the domestic pig lung and an online platform for exploring lung single-cell data. <i>Journal of Genetics and Genomics</i> , 2021, 48, 411-425.	1.7	19
8	Cell, Time and Knowledge: Some Conjectures. <i>Journal of Biomedical Research &amp; Environmental Sciences</i> , 2021, 2, 408-411.	0.1	0
10	Dissecting the microenvironment around biosynthetic scaffolds in murine skin wound healing. <i>Science Advances</i> , 2021, 7, .	4.7	77
11	Spatio-temporal mRNA tracking in the early zebrafish embryo. <i>Nature Communications</i> , 2021, 12, 3358.	5.8	25
14	Integrin $\beta$ 7 Inhibits Colorectal Cancer Pathogenesis via Maintaining Antitumor Immunity. <i>Cancer Immunology Research</i> , 2021, 9, 967-980.	1.6	11
17	Integrating longitudinal clinical laboratory tests with targeted proteomic and transcriptomic analyses reveal the landscape of host responses in COVID-19. <i>Cell Discovery</i> , 2021, 7, 42.	3.1	23
18	Single-Cell RNA Sequencing Analysis of Chicken Anterior Pituitary: A Bird's-Eye View on Vertebrate Pituitary. <i>Frontiers in Physiology</i> , 2021, 12, 562817.	1.3	12
20	Integrating single-cell and spatial transcriptomics to elucidate intercellular tissue dynamics. <i>Nature Reviews Genetics</i> , 2021, 22, 627-644.	7.7	423
21	Dysregulation of brain and choroid plexus cell types in severe COVID-19. <i>Nature</i> , 2021, 595, 565-571.	13.7	406
22	Triangulating spatial relationships from single-cell interaction maps. <i>Nature Methods</i> , 2021, 18, 867-869.	9.0	1
23	Single-cell analysis reveals cell communication triggered by macrophages associated with the reduction and exhaustion of CD8+ T cells in COVID-19. <i>Cell Communication and Signaling</i> , 2021, 19, 73.	2.7	16
24	CellCall: integrating paired ligand-receptor and transcription factor activities for cell-cell communication. <i>Nucleic Acids Research</i> , 2021, 49, 8520-8534.	6.5	102
26	Crosslink: An R Package for Network Visualization of Grouped Nodes. <i>Frontiers in Genetics</i> , 2021, 12, 706854.	1.1	2
27	Mapping Human Pluripotent Stem Cell-derived Erythroid Differentiation by Single-cell Transcriptome Analysis. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 358-376.	3.0	7
28	Analyzing Modern Biomolecules: The Revolution of Nucleic-Acid Sequencing - Review. <i>Biomolecules</i> , 2021, 11, 1111.	1.8	14

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30	Identification of Intercellular Crosstalk between Decidual Cells and Niche Cells in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7696.	1.8	8
31	Dissecting the single-cell transcriptome network underlying esophagus non-malignant tissues and esophageal squamous cell carcinoma. <i>EBioMedicine</i> , 2021, 69, 103459.	2.7	62
32	Patient-Specific Cell Communication Networks Associate With Disease Progression in Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 667382.	1.1	5
34	Interpretable systems biomarkers predict response to immune-checkpoint inhibitors. <i>Patterns</i> , 2021, 2, 100293.	3.1	47
35	Effects of sex and aging on the immune cell landscape as assessed by single-cell transcriptomic analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	88
36	Single Cell Transcriptome Helps Better Understanding Crosstalk in Diabetic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 657614.	1.2	5
40	Transcriptomics based multi-dimensional characterization and drug screen in esophageal squamous cell carcinoma. <i>EBioMedicine</i> , 2021, 70, 103510.	2.7	22
42	Single-Cell Transcriptome Profiling Reveals the Suppressive Role of Retinal Neurons in Microglia Activation Under Diabetes Mellitus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 680947.	1.8	7
44	Single-Cell RNA Sequencing Reveals the Migration of Osteoclasts in Giant Cell Tumor of Bone. <i>Frontiers in Oncology</i> , 2021, 11, 715552.	1.3	15
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47	3D collagen matrices modulate the transcriptional trajectory of bone marrow hematopoietic progenitors into macrophage lineage commitment. <i>Bioactive Materials</i> , 2022, 10, 255-268.	8.6	6
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51	Single-cell transcriptome analysis reveals defective decidual stromal niche attributes to recurrent spontaneous abortion. <i>Cell Proliferation</i> , 2021, 54, e13125.	2.4	36
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56	Single-cell RNA-Seq reveals transcriptional heterogeneity and immune subtypes associated with disease activity in human myasthenia gravis. <i>Cell Discovery</i> , 2021, 7, 85.	3.1	15
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61	Advances in spatial transcriptomic data analysis. <i>Genome Research</i> , 2021, 31, 1706-1718.	2.4	102
62	Single-Cell RNA Sequencing (scRNA-seq) in Cardiac Tissue: Applications and Limitations. <i>Vascular Health and Risk Management</i> , 2021, Volume 17, 641-657.	1.0	8
64	Comparative single-cell analysis of biopsies clarifies pathogenic mechanisms in Klinefelter syndrome. <i>American Journal of Human Genetics</i> , 2021, 108, 1924-1945.	2.6	29
66	Molecular and Cellular Dynamics of Aortic Aneurysms Revealed by Single-Cell Transcriptomics. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2671-2680.	1.1	10
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80	Integrated Single-Cell Bioinformatics Analysis Reveals Intrinsic and Extrinsic Biological Characteristics of Hematopoietic Stem Cell Aging. <i>Frontiers in Genetics</i> , 2021, 12, 745786.	1.1	2
82	Aging weakens Th17 cell pathogenicity and ameliorates experimental autoimmune uveitis in mice. <i>Protein and Cell</i> , 2022, 13, 422-445.	4.8	11
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88	Single-cell RNA analysis reveals the potential risk of organ-specific cell types vulnerable to SARS-CoV-2 infections. <i>Computers in Biology and Medicine</i> , 2022, 140, 105092.	3.9	73
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123	A single-cell atlas of the normal and malformed human brain vasculature. <i>Science</i> , 2022, 375, eabi7377.	6.0	129
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125	InterCellar enables interactive analysis and exploration of cell-cell communication in single-cell transcriptomic data. <i>Communications Biology</i> , 2022, 5, 21.	2.0	10
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137	Single-Cell Transcriptomics Reveals Novel Role of Microglia in Fibrovascular Membrane of Proliferative Diabetic Retinopathy. <i>Diabetes</i> , 2022, 71, 762-773.	0.3	20
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151	Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. <i>Cell Stem Cell</i> , 2022, 29, 328-343.e5.	5.2	15
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161	Deciphering Cell-Type-Specific Gene Expression Signatures of Cardiac Diseases Through Reconstruction of Bulk Transcriptomes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 792774.	1.8	2
162	Circulating Donor-Specific Anti-HLA Antibodies Associate With Immune Activation Independent of Kidney Transplant Histopathological Findings. <i>Frontiers in Immunology</i> , 2022, 13, 818569.	2.2	15
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175	Single-cell RNA sequencing reveals the multi-cellular ecosystem in different radiological components of pulmonary part-solid nodules. <i>Clinical and Translational Medicine</i> , 2022, 12, e723.	1.7	7
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177	Integrating single-cell sequencing data with GWAS summary statistics reveals CD16+monocytes and memory CD8+T cells involved in severe COVID-19. <i>Genome Medicine</i> , 2022, 14, 16.	3.6	25
178	Computational exploration of cellular communication in skin from emerging single-cell and spatial transcriptomic data. <i>Biochemical Society Transactions</i> , 2022, 50, 297-308.	1.6	10
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180	Deciphering tissue structure and function using spatial transcriptomics. <i>Communications Biology</i> , 2022, 5, 220.	2.0	43
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184	TIGIT Blockade Exerts Synergistic Effects on Microwave Ablation Against Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 832230.	2.2	13
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196	Construction and Validation of a Ferroptosis-Related Prognostic Signature for Melanoma Based on Single-Cell RNA Sequencing. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 818457.	1.8	14
197	Spatial transcriptomic profiles of mouse uterine microenvironments at pregnancy day 7.5. <i>Biology of Reproduction</i> , 2022, 107, 529-545.	1.2	10
198	Evolutionarily conservative and non-conservative regulatory networks during primate interneuron development revealed by single-cell RNA and ATAC sequencing. <i>Cell Research</i> , 2022, 32, 425-436.	5.7	25

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202	Single-Cell RNA-seq Reveals a Developmental Hierarchy Superimposed Over Subclonal Evolution in the Cellular Ecosystem of Prostate Cancer. <i>Advanced Science</i> , 2022, 9, e2105530.	5.6	14
203	Spatial charting of single-cell transcriptomes in tissues. <i>Nature Biotechnology</i> , 2022, 40, 1190-1199.	9.4	72
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205	Transcriptomic Profile of the Mouse Postnatal Liver Development by Single-Nucleus RNA Sequencing. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 833392.	1.8	1
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