

CellPhoneDB: inferring cell–cell communication from multi-subunit ligand–receptor complexes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Predicting cell-to-cell communication networks using NATMI. Nature Communications, 2020, 11, 5011.	5.8	137
2	Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 2833-2854.	3.0	113
3	Microanatomy of the Human Atherosclerotic Plaque by Single-Cell Transcriptomics. Circulation Research, 2020, 127, 1437-1455.	2.0	283
4	Reading the heart at single-cell resolution. Journal of Molecular and Cellular Cardiology, 2020, 148, 34-45.	0.9	6
5	Differentiation of Human Intestinal Organoids with Endogenous Vascular Endothelial Cells. Developmental Cell, 2020, 54, 516-528.e7.	3.1	81
6	Exploring Additional Valuable Information From Single-Cell RNA-Seq Data. Frontiers in Cell and Developmental Biology, 2020, 8, 593007.	1.8	12
7	Deciphering Organoids: High-Dimensional Analysis of Biomimetic Cultures. Trends in Biotechnology, 2021, 39, 774-787.	4.9	15
8	Blockchain Biology. Frontiers in Blockchain, 2020, 3, .	1.6	5
9	Single-cell transcriptome profiling of an adult human cell atlas of 15 major organs. Genome Biology, 2020, 21, 294.	3.8	118
10	Microglia Diversity in Health and Multiple Sclerosis. Frontiers in Immunology, 2020, 11, 588021.	2.2	44
11	Clinical value of DNA methylation markers in autoimmune rheumatic diseases. Nature Reviews Rheumatology, 2020, 16, 514-524.	3.5	48
12	Engineered multicellular niches for pluripotent stem cell-derived immunotherapy. Current Opinion in Biomedical Engineering, 2020, 16, 19-26.	1.8	5
13	Unraveling the Complexity of the Cancer Microenvironment With Multidimensional Genomic and Cytometric Technologies. Frontiers in Oncology, 2020, 10, 1254.	1.3	45
14	Single-cell atlas of colonic CD8+ T cells in ulcerative colitis. Nature Medicine, 2020, 26, 1480-1490.	15.2	126
15	Single-Cell Transcriptomics Reveals Early Emergence of Liver Parenchymal and Non-parenchymal Cell Lineages. Cell, 2020, 183, 702-716.e14.	13.5	52
16	Multi-layered Spatial Transcriptomics Identify Secretory Factors Promoting Human Hematopoietic Stem Cell Development. Cell Stem Cell, 2020, 27, 822-839.e8.	5.2	51
17	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. Science, 2020, 369, .	6.0	139
18	The Application of Single-Cell RNA Sequencing in Vaccinology. Journal of Immunology Research, 2020, 2020, 1-19.	0.9	30

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19	Experimental and computational technologies to dissect the kidney at the single-cell level. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 628-637.	0.4	6
20	Single-Cell Sequencing of Developing Human Gut Reveals Transcriptional Links to Childhood Crohn's Disease. <i>Developmental Cell</i> , 2020, 55, 771-783.e5.	3.1	164
21	CellTalkDB: a manually curated database of ligand-receptor interactions in humans and mice. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	146
22	New avenues for systematically inferring cell-cell communication: through single-cell transcriptomics data. <i>Protein and Cell</i> , 2020, 11, 866-880.	4.8	82
23	Single-cell RNA sequencing demonstrates the molecular and cellular reprogramming of metastatic lung adenocarcinoma. <i>Nature Communications</i> , 2020, 11, 2285.	5.8	565
24	A human lung tumor microenvironment interactome identifies clinically relevant cell-type cross-talk. <i>Genome Biology</i> , 2020, 21, 107.	3.8	33
25	COMUNET: a tool to explore and visualize intercellular communication. <i>Bioinformatics</i> , 2020, 36, 4296-4300.	1.8	22
26	Functional crosstalk between T cells and monocytes in cancer and atherosclerosis. <i>Journal of Leukocyte Biology</i> , 2020, 108, 297-308.	1.5	17
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33	Single-Cell RNA Sequencing for Precision Oncology: Current State-of-Art. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 579-588.	0.9	9
34	Single-cell transcriptome and antigen-immunoglobulin analysis reveals the diversity of B cells in non-small cell lung cancer. <i>Genome Biology</i> , 2020, 21, 152.	3.8	106
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38	Single Cell RNA Sequencing in Atherosclerosis Research. <i>Circulation Research</i> , 2020, 126, 1112-1126.	2.0	84
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40	Co-expression of SARS-CoV-2 entry genes in the superficial adult human conjunctival, limbal and corneal epithelium suggests an additional route of entry via the ocular surface. <i>Ocular Surface</i> , 2021, 19, 190-200.	2.2	122
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54	Recent advances in singleâ€™cell multimodal analysis to study immune cells. <i>Immunology and Cell Biology</i> , 2021, 99, 157-167.	1.0	4

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56	Identifying signaling genes in spatial single-cell expression data. <i>Bioinformatics</i> , 2021, 37, 968-975.	1.8	33
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