Spyros Darmanis

List of Publications by Year
in descending order

42	8,702	186265 28	276875 41
papers	citations	h-index	g-index

56	56	56	16229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping transcriptomic vector fields of single cells. Cell, 2022, 185, 690-711.e45.	28.9	167
2	Molecular hallmarks of heterochronic parabiosis at single-cell resolution. Nature, 2022, 603, 309-314.	27.8	51
3	Adversarial domain translation networks for integrating large-scale atlas-level single-cell datasets. Nature Computational Science, 2022, 2, 317-330.	8.0	13
4	PS1 FAD mutants decrease ephrinB2-regulated angiogenic functions, ischemia-induced brain neovascularization and neuronal survival. Molecular Psychiatry, 2021, 26, 1996-2012.	7.9	4
5	Differential encoding in prefrontal cortex projection neuron classes across cognitive tasks. Cell, 2021, 184, 489-506.e26.	28.9	58
6	Mouse aging cell atlas analysis reveals global and cell type-specific aging signatures. ELife, 2021, 10, .	6.0	64
7	Detection of brain neovascularization induced by focal ischemia. Molecular Psychiatry, 2021, 26, 1719-1719.	7.9	0
8	Tracheal aspirate RNA sequencing identifies distinct immunological features of COVID-19 ARDS. Nature Communications, 2021, 12, 5152.	12.8	47
9	Human melanocyte development and melanoma dedifferentiation at single-cell resolution. Nature Cell Biology, 2021, 23, 1035-1047.	10.3	59
10	Leveraging the Cell Ontology to classify unseen cell types. Nature Communications, 2021, 12, 5556.	12.8	21
11	Tuning MPL signaling to influence hematopoietic stem cell differentiation and inhibit essential thrombocythemia progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
12	MARS: discovering novel cell types across heterogeneous single-cell experiments. Nature Methods, 2020, 17, 1200-1206.	19.0	90
13	A single-cell transcriptomic atlas characterizes ageing tissues in the mouse. Nature, 2020, 583, 590-595.	27.8	683
14	Ageing hallmarks exhibit organ-specific temporal signatures. Nature, 2020, 583, 596-602.	27.8	317
15	Therapy-Induced Evolution of Human Lung Cancer Revealed by Single-Cell RNA Sequencing. Cell, 2020, 182, 1232-1251.e22.	28.9	371
16	Persistent features of intermittent transcription. Scientific Reports, 2020, 10, 3138.	3.3	1
17	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. PLoS Pathogens, 2020, 16, e1008966.	4.7	18
18	Chloride channels regulate differentiation and barrier functions of the mammalian airway. ELife, 2020, 9, .	6.0	20

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19	Ageing compromises mouse thymus function and remodels epithelial cell differentiation. ELife, 2020, 9, .	6.0	92
20	cerebra: A tool for fast and accurate summarizing of variant calling format (VCF) files. Journal of Open Source Software, 2020, 5, 2432.	4.6	0
21	Single cell analysis of human foetal liver captures the transcriptional profile of hepatobiliary hybrid progenitors. Nature Communications, 2019, 10, 3350.	12.8	82
22	Developmental Heterogeneity of Microglia and Brain Myeloid Cells Revealed by Deep Single-Cell RNA Sequencing. Neuron, 2019, 101, 207-223.e10.	8.1	695
23	High-affinity allergen-specific human antibodies cloned from single IgE B cell transcriptomes. Science, 2018, 362, 1306-1309.	12.6	173
24	Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris. Nature, 2018, 562, 367-372.	27.8	2,061
25	Single-Cell RNA-Seq Analysis of Infiltrating Neoplastic Cells at the Migrating Front of Human Glioblastoma. Cell Reports, 2017, 21, 1399-1410.	6.4	701
26	Human Astrocyte Maturation Captured in 3D Cerebral Cortical Spheroids Derived from Pluripotent Stem Cells. Neuron, 2017, 95, 779-790.e6.	8.1	436
27	Multiplexed, targeted profiling of single-cell proteomes and transcriptomes in a single reaction. Genome Biology, 2016, 17, 188.	8.8	143
28	Single-cell RNAseq reveals cell adhesion molecule profiles in electrophysiologically defined neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5222-31.	7.1	162
29	Detection of Biomarkers with Solid-Phase Proximity Ligation Assay in Patients with Colorectal Cancer. Translational Oncology, 2016, 9, 251-255.	3.7	5
30	Simultaneous Multiplexed Measurement of RNA and Proteins in Single Cells. Cell Reports, 2016, 14, 380-389.	6.4	200
31	Circulating Carnosine Dipeptidase 1 Associates with Weight Loss and Poor Prognosis in Gastrointestinal Cancer. PLoS ONE, 2015, 10, e0123566.	2.5	25
32	A survey of human brain transcriptome diversity at the single cell level. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7285-7290.	7.1	1,194
33	Solid-phase proximity ligation assays for individual or parallel protein analyses with readout via real-time PCR or sequencing. Nature Protocols, 2013, 8, 1234-1248.	12.0	47
34	Identification of Candidate Serum Proteins for Classifying Well-Differentiated Small Intestinal Neuroendocrine Tumors. PLoS ONE, 2013, 8, e81712.	2.5	14
35	PCR-Based Multiparametric Assays in Single Cells. Clinical Chemistry, 2012, 58, 1618-1619.	3.2	1
36	DNA-assisted protein detection technologies. Expert Review of Proteomics, 2012, 9, 21-32.	3.0	30

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37	Multiple recognition assay reveals prostasomes as promising plasma biomarkers for prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8809-8814.	7.1	200
38	ProteinSeq: High-Performance Proteomic Analyses by Proximity Ligation and Next Generation Sequencing. PLoS ONE, 2011, 6, e25583.	2.5	80
39	Growth differentiation factor 15: a prognostic marker for recurrence in colorectal cancer. British Journal of Cancer, 2011, 104, 1619-1627.	6.4	90
40	Sensitive detection of AÎ² protofibrils by proximity ligation - relevance for Alzheimer's disease. BMC Neuroscience, 2010, 11, 124.	1.9	33
41	Sensitive Plasma Protein Analysis by Microparticle-based Proximity Ligation Assays. Molecular and Cellular Proteomics, 2010, 9, 327-335.	3.8	101
42	Self-assembly of proximity probes for flexible and modular proximity ligation assays. BioTechniques, 2007, 43, 443-450.	1.8	11