

Alex K Shalek

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153 papers	22,685 citations	48 h-index	150 g-index
198 ext. papers	31,471 ext. citations	23.6 avg, IF	6.49 L-index

#	Paper	IF	Citations
153	Single-cell analysis of human primary prostate cancer reveals the heterogeneity of tumor-associated epithelial cell states.. <i>Nature Communications</i> , 2022 , 13, 141	17.4	7
152	JAK inhibition in a patient with a STAT1 gain-of-function variant reveals STAT1 dysregulation as a common feature of aplastic anemia.. <i>Med</i> , 2022 , 3, 42-57.e5	31.7	0
151	Single-Cell Multiomics Reveals Clonal T-Cell Expansions and Exhaustion in Blastic Plasmacytoid Dendritic Cell Neoplasm.. <i>Frontiers in Immunology</i> , 2022 , 13, 809414	8.4	0
150	Cellular and transcriptional diversity over the course of human lactation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2121720119	11.5	2
149	A single-cell liver atlas of Plasmodium vivax infection.. <i>Cell Host and Microbe</i> , 2022 ,	23.4	1
148	Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells.. <i>Cell Reports</i> , 2022 , 39, 110752	10.6	1
147	Multimodal profiling of lung granulomas in macaques reveals cellular correlates of tuberculosis control.. <i>Immunity</i> , 2022 ,	32.3	7
146	Identification and Tracking of Alloreactive T Cell Clones in Rhesus Macaques Through the RM-scTCR-Seq Platform.. <i>Frontiers in Immunology</i> , 2021 , 12, 804932	8.4	1
145	Microenvironment drives cell state, plasticity, and drug response in pancreatic cancer. <i>Cell</i> , 2021 , 184, 6119-6137.e26	56.2	13
144	Aggregated Enhances the Inflammatory Response.. <i>Frontiers in Microbiology</i> , 2021 , 12, 757134	5.7	2
143	Enteric Coronavirus Infection and Treatment Modeled With an Immunocompetent Human Intestine-On-A-Chip. <i>Frontiers in Pharmacology</i> , 2021 , 12, 718484	5.6	7
142	Genomic and transcriptomic correlates of immunotherapy response within the tumor microenvironment of leptomeningeal metastases. <i>Nature Communications</i> , 2021 , 12, 5955	17.4	4
141	Cyclin D3 drives inertial cell cycling in dark zone germinal center B cells. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	17
140	Leukocyte dynamics after intracerebral hemorrhage in a living patient reveal rapid adaptations to tissue milieu. <i>JCI Insight</i> , 2021 , 6,	9.9	3
139	MR1-Restricted MAIT Cells From The Human Lung Mucosal Surface Have Distinct Phenotypic, Functional, and Transcriptomic Features That Are Preserved in HIV Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 631410	8.4	0
138	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021 , 595, 107-113	50.4	124
137	Targeting Treg cells with GITR activation alleviates resistance to immunotherapy in murine glioblastomas. <i>Nature Communications</i> , 2021 , 12, 2582	17.4	15

136	High-fat diet-activated fatty acid oxidation mediates intestinal stemness and tumorigenicity. <i>Cell Reports</i> , 2021 , 35, 109212	10.6	9
135	The cellular architecture of the antimicrobial response network in human leprosy granulomas. <i>Nature Immunology</i> , 2021 , 22, 839-850	19.1	13
134	Lymph nodes are innervated by a unique population of sensory neurons with immunomodulatory potential. <i>Cell</i> , 2021 , 184, 441-459.e25	56.2	35
133	A single-cell and spatial atlas of autopsy tissues reveals pathology and cellular targets of SARS-CoV-2 2021 ,		15
132	Longitudinal transcriptomics define the stages of myeloid activation in the living human brain after intracerebral hemorrhage. <i>Science Immunology</i> , 2021 , 6,	28	10
131	Impaired local intrinsic immunity to SARS-CoV-2 infection in severe COVID-19 2021 ,		13
130	Human airway mast cells proliferate and acquire distinct inflammation-driven phenotypes during type 2 inflammation. <i>Science Immunology</i> , 2021 , 6,	28	19
129	Expression of Foxp3 by T follicular helper cells in end-stage germinal centers. <i>Science</i> , 2021 , 373,	33.3	11
128	Live cell tagging tracking and isolation for spatial transcriptomics using photoactivatable cell dyes. <i>Nature Communications</i> , 2021 , 12, 4995	17.4	5
127	HIV infection drives interferon signaling within intestinal SARS-CoV-2 target cells. <i>JCI Insight</i> , 2021 , 6,	9.9	3
126	Mepolizumab targets multiple immune cells in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 574-584	11.5	7
125	Measuring kinetics and metastatic propensity of CTCs by blood exchange between mice. <i>Nature Communications</i> , 2021 , 12, 5680	17.4	7
124	Impaired local intrinsic immunity to SARS-CoV-2 infection in severe COVID-19. <i>Cell</i> , 2021 , 184, 4713-4733.e22	56.2	54
123	Vitrification preserves murine ovarian follicular cell transcriptome in a 3D encapsulated in vitro follicle growth system. <i>Biology of Reproduction</i> , 2021 ,	3.9	1
122	Identification of immune correlates of fatal outcomes in critically ill COVID-19 patients. <i>PLoS Pathogens</i> , 2021 , 17, e1009804	7.6	7
121	A human liver cell-based system modeling a clinical prognostic liver signature for therapeutic discovery. <i>Nature Communications</i> , 2021 , 12, 5525	17.4	4
120	Spatiotemporal single-cell profiling reveals that invasive and tissue-resident memory donor CD8 T cells drive gastrointestinal acute graft-versus-host disease. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	12
119	Allelic variation in class I HLA determines CD8 T cell repertoire shape and cross-reactive memory responses to SARS-CoV-2. <i>Science Immunology</i> , 2021 , eabk3070	28	4

118	Single-Cell Profiling of Ebola Virus Disease In Vivo Reveals Viral and Host Dynamics. <i>Cell</i> , 2020 , 183, 1383-1401.e19	10.6	11
117	A Single Human V-gene Allows for a Broad-Spectrum Antibody Response Targeting Bacterial Lipopolysaccharides in the Blood. <i>Cell Reports</i> , 2020 , 32, 108065	10.6	11
116	Single-Cell Analyses of Colon and Blood Reveal Distinct Immune Cell Signatures of Ulcerative Colitis and Crohn's Disease. <i>Gastroenterology</i> , 2020 , 159, 591-608.e10	13.3	40
115	Computational Methods for Single-Cell RNA Sequencing. <i>Annual Review of Biomedical Data Science</i> , 2020 , 3, 339-364	5.6	35
114	IL-5R α marks nasal polyp IgG4- and IgE-expressing cells in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1574-1584	11.5	20
113	Integrated single-cell analysis of multicellular immune dynamics during hyperacute HIV-1 infection. <i>Nature Medicine</i> , 2020 , 26, 511-518	50.5	36
112	Identification of a Master Regulator of Differentiation in Toxoplasma. <i>Cell</i> , 2020 , 180, 359-372.e16	56.2	71
111	Immunological Fingerprints of Controllers Developing Neutralizing HIV-1 Antibodies. <i>Cell Reports</i> , 2020 , 30, 984-996.e4	10.6	9
110	Systematic comparison of single-cell and single-nucleus RNA-sequencing methods. <i>Nature Biotechnology</i> , 2020 , 38, 737-746	44.5	212
109	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020 , 181, 1016-1035.e19	56.2	1326
108	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020 , 181, 236-249	56.2	140
107	Distribution and storage of inflammatory memory in barrier tissues. <i>Nature Reviews Immunology</i> , 2020 , 20, 308-320	36.5	22
106	Prevention of tuberculosis in macaques after intravenous BCG immunization. <i>Nature</i> , 2020 , 577, 95-102	50.4	204
105	Improved haplotype inference by exploiting long-range linking and allelic imbalance in RNA-seq datasets. <i>Nature Communications</i> , 2020 , 11, 4662	17.4	8
104	The Human Cell Atlas and equity: lessons learned. <i>Nature Medicine</i> , 2020 , 26, 1509-1511	50.5	3
103	Second-Strand Synthesis-Based Massively Parallel scRNA-Seq Reveals Cellular States and Molecular Features of Human Inflammatory Skin Pathologies. <i>Immunity</i> , 2020 , 53, 878-894.e7	32.3	68
102	Innate Lymphoid Cell Activation and Sustained Depletion in Blood and Tissue of Children Infected with HIV from Birth Despite Antiretroviral Therapy. <i>Cell Reports</i> , 2020 , 32, 108153	10.6	1
101	Inflammasomes within Hyperactive Murine Dendritic Cells Stimulate Long-Lived T Cell-Mediated Anti-tumor Immunity. <i>Cell Reports</i> , 2020 , 33, 108381	10.6	24

100	Evolution and Diversity of Immune Responses during Acute HIV Infection. <i>Immunity</i> , 2020 , 53, 908-924	32.3	5
99	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020 , 53, 1296-1314.e9	32.3	109
98	Functional compensation precedes recovery of tissue mass following acute liver injury. <i>Nature Communications</i> , 2020 , 11, 5785	17.4	12
97	Induction of metabolic quiescence defines the transitional to follicular B cell switch. <i>Science Signaling</i> , 2019 , 12,	8.8	12
96	Germline-Encoded Affinity for Cognate Antigen Enables Vaccine Amplification of a Human Broadly Neutralizing Response against Influenza Virus. <i>Immunity</i> , 2019 , 51, 735-749.e8	32.3	37
95	Optofluidic real-time cell sorter for longitudinal CTC studies in mouse models of cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2232-2236	11.5	33
94	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019 , 570, 528-532	50.4	97
93	Augmentation of HIV-specific T cell function by immediate treatment of hyperacute HIV-1 infection. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	31
92	Single-Cell Analysis of the Liver Epithelium Reveals Dynamic Heterogeneity and an Essential Role for YAP in Homeostasis and Regeneration. <i>Cell Stem Cell</i> , 2019 , 25, 23-38.e8	18	82
91	Mechanisms of Lymphoma Clearance Induced by High-Dose Alkylating Agents. <i>Cancer Discovery</i> , 2019 , 9, 944-961	24.4	20
90	Seq-Well: A Sample-Efficient, Portable Picowell Platform for Massively Parallel Single-Cell RNA Sequencing. <i>Methods in Molecular Biology</i> , 2019 , 1979, 111-132	1.4	15
89	Mitogenic and progenitor gene programmes in single pilocytic astrocytoma cells. <i>Nature Communications</i> , 2019 , 10, 3731	17.4	17
88	Intra- and Inter-cellular Rewiring of the Human Colon during Ulcerative Colitis. <i>Cell</i> , 2019 , 178, 714-730.e32	32.2	359
87	A validated single-cell-based strategy to identify diagnostic and therapeutic targets in complex diseases. <i>Genome Medicine</i> , 2019 , 11, 47	14.4	42
86	Single-cell transcriptomic atlas of the human retina identifies cell types associated with age-related macular degeneration. <i>Nature Communications</i> , 2019 , 10, 4902	17.4	100
85	Single-Cell RNA-Seq Reveals AML Hierarchies Relevant to Disease Progression and Immunity. <i>Cell</i> , 2019 , 176, 1265-1281.e24	56.2	293
84	Loss of DNA methyltransferase activity in primed human ES cells triggers increased cell-cell variability and transcriptional repression. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	5
83	TCR sequencing paired with massively parallel 3' RNA-seq reveals clonotypic T cell signatures. <i>Nature Immunology</i> , 2019 , 20, 1692-1699	19.1	35

82	Harnessing single-cell genomics to improve the physiological fidelity of organoid-derived cell types. <i>BMC Biology</i> , 2018 , 16, 62	7.3	22
81	A Reproducibility-Based Computational Framework Identifies an Inducible, Enhanced Antiviral State in Dendritic Cells from HIV-1 Elite Controllers. <i>Genome Biology</i> , 2018 , 19, 10	18.3	22
80	Allergic inflammatory memory in human respiratory epithelial progenitor cells. <i>Nature</i> , 2018 , 560, 649-654	54.4	196
79	Single-Cell RNA-Seq Reveals AML Cellular Hierarchies Relevant to Clinical Outcomes and Immunity. <i>Blood</i> , 2018 , 132, 542-542	2.2	
78	Initiation of Antiviral B Cell Immunity Relies on Innate Signals from Spatially Positioned NKT Cells. <i>Cell</i> , 2018 , 172, 517-533.e20	56.2	96
77	Linking single-cell measurements of mass, growth rate, and gene expression. <i>Genome Biology</i> , 2018 , 19, 207	18.3	31
76	Selective expansion of myeloid and NK cells in humanized mice yields human-like vaccine responses. <i>Nature Communications</i> , 2018 , 9, 5031	17.4	25
75	High-Frequency, Functional HIV-Specific T-Follicular Helper and Regulatory Cells Are Present Within Germinal Centers in Children but Not Adults. <i>Frontiers in Immunology</i> , 2018 , 9, 1975	8.4	16
74	A Cancer Cell Program Promotes T Cell Exclusion and Resistance to Checkpoint Blockade. <i>Cell</i> , 2018 , 175, 984-997.e24	56.2	477
73	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. <i>Cell</i> , 2018 , 175, 1307-1320.e28	56.2	477
72	Seq-Well: portable, low-cost RNA sequencing of single cells at high throughput. <i>Nature Methods</i> , 2017 , 14, 395-398	21.6	454
71	Scaling by shrinking: empowering single-cell 'omics' with microfluidic devices. <i>Nature Reviews Genetics</i> , 2017 , 18, 345-361	30.1	198
70	The Human Cell Atlas 2017 ,		41
69	Single-cell analyses to tailor treatments. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	78
68	Novel in vitro booster vaccination to rapidly generate antigen-specific human monoclonal antibodies. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2471-2490	16.6	7
67	IFN-Dependent Tissue-Immune Homeostasis Is Co-opted in the Tumor Microenvironment. <i>Cell</i> , 2017 , 170, 127-141.e15	56.2	104
66	The Human Cell Atlas. <i>ELife</i> , 2017 , 6,	8.9	937
65	Circulating CXCR5CXCR3PD-1 Tfh-like cells in HIV-1 controllers with neutralizing antibody breadth. <i>JCI Insight</i> , 2017 , 2, e89574	9.9	36

64	Antiviral CD8 T Cells Restricted by Human Leukocyte Antigen Class II Exist during Natural HIV Infection and Exhibit Clonal Expansion. <i>Immunity</i> , 2016 , 45, 917-930	32.3	43
63	Multiplexed barcoded CRISPR-Cas9 screening enabled by CombiGEM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 2544-9	11.5	149
62	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016 , 44, 391-405	32.3	99
61	A microfluidic platform enabling single-cell RNA-seq of multigenerational lineages. <i>Nature Communications</i> , 2016 , 7, 10220	17.4	102
60	Implementation of single-cell genomics as a translational tool in patients with metastatic melanoma.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 11503-11503	2.2	
59	Size no longer matters. <i>Science Translational Medicine</i> , 2016 , 8, 365ec185	17.5	
58	Regulation of X-linked gene expression during early mouse development by. <i>ELife</i> , 2016 , 5,	8.9	27
57	Dissecting the multicellular ecosystem of metastatic melanoma by single-cell RNA-seq. <i>Science</i> , 2016 , 352, 189-96	33.3	1961
56	Multiplexed, targeted profiling of single-cell proteomes and transcriptomes in a single reaction. <i>Genome Biology</i> , 2016 , 17, 188	18.3	102
55	Oct1 and OCA-B are selectively required for CD4 memory T cell function. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2115-31	16.6	31
54	Pathogen Cell-to-Cell Variability Drives Heterogeneity in Host Immune Responses. <i>Cell</i> , 2015 , 162, 1309-312	36.2	188
53	Single-Cell Genomics Unveils Critical Regulators of Th17 Cell Pathogenicity. <i>Cell</i> , 2015 , 163, 1400-12	56.2	369
52	MAST: a flexible statistical framework for assessing transcriptional changes and characterizing heterogeneity in single-cell RNA sequencing data. <i>Genome Biology</i> , 2015 , 16, 278	18.3	970
51	Marrying microfluidics and microwells for parallel, high-throughput single-cell genomics. <i>Genome Biology</i> , 2015 , 16, 129	18.3	2
50	Highly Parallel Genome-wide Expression Profiling of Individual Cells Using Nanoliter Droplets. <i>Cell</i> , 2015 , 161, 1202-1214	56.2	3873
49	MERFISHing for spatial context. <i>Trends in Immunology</i> , 2015 , 36, 390-1	14.4	5
48	Oct1 and OCA-B are selectively required for CD4 memory T cell function. <i>Journal of Cell Biology</i> , 2015 , 211, 2112OIA234	7.3	
47	Whole-exome sequencing of circulating tumor cells provides a window into metastatic prostate cancer. <i>Nature Biotechnology</i> , 2014 , 32, 479-84	44.5	434

46	Reconstructing and reprogramming the tumor-propagating potential of glioblastoma stem-like cells. <i>Cell</i> , 2014 , 157, 580-94	56.2	549
45	Somatic mutation as a mechanism of Wnt/ β -catenin pathway activation in CLL. <i>Blood</i> , 2014 , 124, 1089-98	2.2	56
44	Preparation of Single-Cell RNA-Seq Libraries for Next Generation Sequencing. <i>Current Protocols in Molecular Biology</i> , 2014 , 107, 4.22.1-17	2.9	162
43	Heterogeneity in immune responses: from populations to single cells. <i>Trends in Immunology</i> , 2014 , 35, 219-29	14.4	117
42	Single-cell RNA-seq reveals dynamic paracrine control of cellular variation. <i>Nature</i> , 2014 , 510, 363-9	50.4	661
41	Single-cell RNA-seq highlights intratumoral heterogeneity in primary glioblastoma. <i>Science</i> , 2014 , 344, 1396-401	33.3	2401
40	Deconstructing transcriptional heterogeneity in pluripotent stem cells. <i>Nature</i> , 2014 , 516, 56-61	50.4	262
39	Probing enzymatic activity inside living cells using a nanowire-cell "sandwich" assay. <i>Nano Letters</i> , 2013 , 13, 153-8	11.5	83
38	Dynamic regulatory network controlling TH17 cell differentiation. <i>Nature</i> , 2013 , 496, 461-8	50.4	492
37	Deciphering molecular circuits from genetic variation underlying transcriptional responsiveness to stimuli. <i>Nature Biotechnology</i> , 2013 , 31, 342-9	44.5	36
36	Single-cell transcriptomics reveals bimodality in expression and splicing in immune cells. <i>Nature</i> , 2013 , 498, 236-40	50.4	867
35	Transcriptional and epigenetic dynamics during specification of human embryonic stem cells. <i>Cell</i> , 2013 , 153, 1149-63	56.2	332
34	Nanowire-mediated delivery enables functional interrogation of primary immune cells: application to the analysis of chronic lymphocytic leukemia. <i>Nano Letters</i> , 2012 , 12, 6498-504	11.5	129
33	Vertical nanowire electrode arrays as a scalable platform for intracellular interfacing to neuronal circuits. <i>Nature Nanotechnology</i> , 2012 , 7, 180-4	28.7	446
32	Systematic discovery of TLR signaling components delineates viral-sensing circuits. <i>Cell</i> , 2011 , 147, 853-67	56.2	148
31	Sensitivity to Wnt Pathway Inhibition in CLL Is Associated with Specific Gene Expression Signatures. <i>Blood</i> , 2011 , 118, 801-801	2.2	1
30	Vertical silicon nanowires as a universal platform for delivering biomolecules into living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1870-5	11.5	453
29	Photoinduced interfacial charging and "explosion" of monolayer pentacene islands. <i>Nano Letters</i> , 2005 , 5, 2241-5	11.5	15

28	Single-cell Multiomics Reveals Clonal T-cell Expansions and Exhaustion in Blastic Plasmacytoid Dendritic Cell Neoplasm	1
27	Spatially-Resolved Live Cell Tagging and Isolation Using Protected Photoactivatable Cell Dyes	1
26	High-throughput organoid screening enables engineering of intestinal epithelial composition	1
25	Multimodal profiling of lung granulomas reveals cellular correlates of tuberculosis control	4
24	Cellular and transcriptional diversity over the course of human lactation	1
23	Sensory Neurons Innervate Peripheral Lymph Nodes and Locally Regulate Gene Expression in Postsynaptic Endothelium, Stromal Cells, and Innate Leukocytes	1
22	Seq-Well: portable, low-cost RNA sequencing of single cells at high throughput. <i>Protocol Exchange</i> ,	5
21	Single-cell analysis of upper airway cells reveals host-viral dynamics in influenza infected adults	6
20	Single-cell analysis uncovers mechanisms of plasticity in leukemia initiating cells	3
19	Alterations of multiple alveolar macrophage states in chronic obstructive pulmonary disease	7
18	Single-cell profiling of Ebola virus infection in vivo reveals viral and host transcriptional dynamics	4
17	The tumor microenvironment drives transcriptional phenotypes and their plasticity in metastatic pancreatic cancer	5
16	Single-cell analysis of human primary prostate cancer reveals the heterogeneity of tumor-associated epithelial cell states	3
15	Leukocyte dynamics after intracerebral hemorrhage in a living patient reveal rapid adaptations to tissue milieu	1
14	Single cell profiling of COVID-19 patients: an international data resource from multiple tissues	9
13	Single Cell and Spatial Transcriptomics Defines the Cellular Architecture of the Antimicrobial Response Network in Human Leprosy Granulomas	3
12	T helper cells modulate intestinal stem cell renewal and differentiation	2
11	Linking single-cell measurements of mass, growth rate, and gene expression	1

10	Rewiring of the cellular and inter-cellular landscape of the human colon during ulcerative colitis	12
9	Systematic comparative analysis of single cell RNA-sequencing methods	43
8	Integrated Single-Cell Analysis of Multicellular Immune Dynamics during Hyper-Acute HIV-1 Infection	4
7	Identification of a master regulator of differentiation in <i>Toxoplasma</i>	2
6	Highly Efficient, Massively-Parallel Single-Cell RNA-Seq Reveals Cellular States and Molecular Features of Human Skin Pathology	22
5	Single-cell profiling of environmental enteropathy reveals signatures of epithelial remodeling and immune activation in severe disease	2
4	Allelic variation in Class I HLA determines pre-existing memory responses to SARS-CoV-2 that shape the CD8+ T cell repertoire upon viral exposure	4
3	Gene signatures and host-parasite interactions revealed by dual single-cell profiling of <i>Plasmodium vivax</i> liver infection	1
2	A Treatment-Name Cellular Atlas of Pediatric Crohn's Disease Predicts Disease Severity and Therapeutic Response	2
1	Deciphering the immunopeptidome in vivo reveals new tumour antigens. <i>Nature</i> ,	50.4 3