Yapeng Su

List of Publications by Year
in descending order

25 papers	2,660 citations	394421 19 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	4404 citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple early factors anticipate post-acute COVID-19 sequelae. Cell, 2022, 185, 881-895.e20.	28.9	605
2	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. Cell, 2020, 183, 1479-1495.e20.	28.9	449
3	Single-cell analysis resolves the cell state transition and signaling dynamics associated with melanoma drug-induced resistance. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13679-13684.	7.1	196
4	Early IFN-α signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. Immunity, 2021, 54, 2650-2669.e14.	14.3	145
5	Single-Cell Phosphoproteomics Resolves Adaptive Signaling Dynamics and Informs Targeted Combination Therapy in Glioblastoma. Cancer Cell, 2016, 29, 563-573.	16.8	140
6	T cell antigen discovery via trogocytosis. Nature Methods, 2019, 16, 183-190.	19.0	117
7	KIR^{+} CD8^{+} T cells suppress pathogenic T cells and are active in autoimmune diseases and COVID-19. Science, 2022, 376, eabi9591.	12.6	113
8	Fractional pretreatment of lignocellulose by alkaline hydrogen peroxide: Characterization of its major components. Food and Bioproducts Processing, 2015, 94, 322-330.	3.6	95
9	Raman-guided subcellular pharmaco-metabolomics for metastatic melanoma cells. Nature Communications, 2020, 11, 4830.	12.8	88
10	Chemical Methods for the Simultaneous Quantitation of Metabolites and Proteins from Single Cells. Journal of the American Chemical Society, 2015, 137, 4066-4069.	13.7	87
11	Integrated analysis of plasma and single immune cells uncovers metabolic changes in individuals with COVID-19. Nature Biotechnology, 2022, 40, 110-120.	17.5	81
12	Single cell proteomics in biomedicine: High‐dimensional data acquisition, visualization, and analysis. Proteomics, 2017, 17, 1600267.	2.2	75
13	Multi-omic single-cell snapshots reveal multiple independent trajectories to drug tolerance in a melanoma cell line. Nature Communications, 2020, 11, 2345.	12.8	74
14	Sensitive Detection and Analysis of Neoantigen-Specific T Cell Populations from Tumors and Blood. Cell Reports, 2019, 28, 2728-2738.e7.	6.4	65
15	Multi-cohort analysis of host immune response identifies conserved protective and detrimental modules associated with severity across viruses. Immunity, 2021, 54, 753-768.e5.	14.3	42
16	Phenotypic heterogeneity and evolution of melanoma cells associated with targeted therapy resistance. PLoS Computational Biology, 2019, 15, e1007034.	3.2	41
17	Epigenetic silencing of miR-125b is required for normal B-cell development. Blood, 2018, 131, 1920-1930.	1.4	40
18	Supramolecular Probes for Assessing Glutamine Uptake Enable Semi-Quantitative Metabolic Models in Single Cells. Journal of the American Chemical Society, 2016, 138, 3085-3093.	13.7	33

#	Article	IF	Citations
19	Visualizing Subcellular Enrichment of Glycogen in Live Cancer Cells by Stimulated Raman Scattering. Analytical Chemistry, 2020, 92, 13182-13191.	6.5	28
20	HLA-Aâ—02:01 restricted TÂcell receptors against the highly conserved SARS-CoV-2 polymerase cross-react with human coronaviruses. Cell Reports, 2021, 37, 110167.	6.4	18
21	Integrated measurement of intracellular proteins and transcripts in single cells. Lab on A Chip, 2018, 18, 3251-3262.	6.0	16
22	A kinetic investigation of interacting, stimulated T cells identifies conditions for rapid functional enhancement, minimal phenotype differentiation, and improved adoptive cell transfer tumor eradication. PLoS ONE, 2018, 13, e0191634.	2.5	12
23	Constraint-Based Reconstruction and Analyses of Metabolic Models: Open-Source Python Tools and Applications to Cancer. Frontiers in Oncology, 0, 12, .	2.8	6
24	Multiomic Immunophenotyping of COVID-19 Patients Reveals Early Infection Trajectories. SSRN Electronic Journal, 0, , .	0.4	5
25	Kinetic Inference Resolves Epigenetic Mechanism of Drug Resistance in Melanoma. SSRN Electronic Journal, 0, , .	0.4	2