

# Yapeng Su

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5413578/publications.pdf>

Version: 2024-02-01

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	Integrated analysis of plasma and single immune cells uncovers metabolic changes in individuals with COVID-19. <i>Nature Biotechnology</i> , 2022, 40, 110-120.	17.5	81
2	Multiple early factors anticipate post-acute COVID-19 sequelae. <i>Cell</i> , 2022, 185, 881-895.e20.	28.9	605
3	KIR <sup>+</sup> CD8 <sup>+</sup> T cells suppress pathogenic T cells and are active in autoimmune diseases and COVID-19. <i>Science</i> , 2022, 376, eabi9591.	12.6	113
4	Multi-cohort analysis of host immune response identifies conserved protective and detrimental modules associated with severity across viruses. <i>Immunity</i> , 2021, 54, 753-768.e5.	14.3	42
5	Early IFN- $\gamma$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
6	HLA-A*02:01 restricted T $\alpha$ cell receptors against the highly conserved SARS-CoV-2 polymerase cross-react with human coronaviruses. <i>Cell Reports</i> , 2021, 37, 110167.	6.4	18
7	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , 2020, 183, 1479-1495.e20.	28.9	449
8	Raman-guided subcellular pharmaco-metabolomics for metastatic melanoma cells. <i>Nature Communications</i> , 2020, 11, 4830.	12.8	88
9	Visualizing Subcellular Enrichment of Glycogen in Live Cancer Cells by Stimulated Raman Scattering. <i>Analytical Chemistry</i> , 2020, 92, 13182-13191.	6.5	28
10	Multi-omic single-cell snapshots reveal multiple independent trajectories to drug tolerance in a melanoma cell line. <i>Nature Communications</i> , 2020, 11, 2345.	12.8	74
11	Sensitive Detection and Analysis of Neoantigen-Specific T Cell Populations from Tumors and Blood. <i>Cell Reports</i> , 2019, 28, 2728-2738.e7.	6.4	65
12	T cell antigen discovery via trogocytosis. <i>Nature Methods</i> , 2019, 16, 183-190.	19.0	117
13	Phenotypic heterogeneity and evolution of melanoma cells associated with targeted therapy resistance. <i>PLoS Computational Biology</i> , 2019, 15, e1007034.	3.2	41
14	Epigenetic silencing of miR-125b is required for normal B-cell development. <i>Blood</i> , 2018, 131, 1920-1930.	1.4	40
15	Integrated measurement of intracellular proteins and transcripts in single cells. <i>Lab on A Chip</i> , 2018, 18, 3251-3262.	6.0	16
16	A kinetic investigation of interacting, stimulated T cells identifies conditions for rapid functional enhancement, minimal phenotype differentiation, and improved adoptive cell transfer tumor eradication. <i>PLoS ONE</i> , 2018, 13, e0191634.	2.5	12
17	Single cell proteomics in biomedicine: High-dimensional data acquisition, visualization, and analysis. <i>Proteomics</i> , 2017, 17, 1600267.	2.2	75
18	Single-cell analysis resolves the cell state transition and signaling dynamics associated with melanoma drug-induced resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13679-13684.	7.1	196

#	ARTICLE	IF	CITATIONS
19	Single-Cell Phosphoproteomics Resolves Adaptive Signaling Dynamics and Informs Targeted Combination Therapy in Glioblastoma. <i>Cancer Cell</i> , 2016, 29, 563-573.	16.8	140
20	Supramolecular Probes for Assessing Glutamine Uptake Enable Semi-Quantitative Metabolic Models in Single Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 3085-3093.	13.7	33
21	Chemical Methods for the Simultaneous Quantitation of Metabolites and Proteins from Single Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 4066-4069.	13.7	87
22	Fractional pretreatment of lignocellulose by alkaline hydrogen peroxide: Characterization of its major components. <i>Food and Bioproducts Processing</i> , 2015, 94, 322-330.	3.6	95
23	Kinetic Inference Resolves Epigenetic Mechanism of Drug Resistance in Melanoma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
24	Multimic Immunophenotyping of COVID-19 Patients Reveals Early Infection Trajectories. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
25	Constraint-Based Reconstruction and Analyses of Metabolic Models: Open-Source Python Tools and Applications to Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	6