

# 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

393982

19  
h-index

676716

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. <i>Cell</i> , 2022, 185, 881-895.e20.	13.5	605
2	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , 2020, 183, 1479-1495.e20.	13.5	449
3	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.	3.3	196
4	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.	6.6	145
5	Single-Cell Phosphoproteomics Resolves Adaptive Signaling Dynamics and Informs Targeted Combination Therapy in Glioblastoma. <i>Cancer Cell</i> , 2016, 29, 563-573.	7.7	140
6	T cell antigen discovery via trogocytosis. <i>Nature Methods</i> , 2019, 16, 183-190.	9.0	117
7	KIR $\times$ CD8 $\times$ T cells suppress pathogenic T cells and are active in autoimmune diseases and COVID-19. <i>Science</i> , 2022, 376, eabi9591.	6.0	113
8	Fractional pretreatment of lignocellulose by alkaline hydrogen peroxide: Characterization of its major components. <i>Food and Bioproducts Processing</i> , 2015, 94, 322-330.	1.8	95
9	Raman-guided subcellular pharmaco-metabolomics for metastatic melanoma cells. <i>Nature Communications</i> , 2020, 11, 4830.	5.8	88
10	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.	6.6	87
11	Integrated analysis of plasma and single immune cells uncovers metabolic changes in individuals with COVID-19. <i>Nature Biotechnology</i> , 2022, 40, 110-120.	9.4	81
12	Single cell proteomics in biomedicine: High-dimensional data acquisition, visualization, and analysis. <i>Proteomics</i> , 2017, 17, 1600267.	1.3	75
13	Multi-omic single-cell snapshots reveal multiple independent trajectories to drug tolerance in a melanoma cell line. <i>Nature Communications</i> , 2020, 11, 2345.	5.8	74
14	Sensitive Detection and Analysis of Neoantigen-Specific T Cell Populations from Tumors and Blood. <i>Cell Reports</i> , 2019, 28, 2728-2738.e7.	2.9	65
15	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.	6.6	42
16	Phenotypic heterogeneity and evolution of melanoma cells associated with targeted therapy resistance. <i>PLoS Computational Biology</i> , 2019, 15, e1007034.	1.5	41
17	Epigenetic silencing of miR-125b is required for normal B-cell development. <i>Blood</i> , 2018, 131, 1920-1930.	0.6	40
18	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.	6.6	33

#	ARTICLE	IF	CITATIONS
19	Visualizing Subcellular Enrichment of Glycogen in Live Cancer Cells by Stimulated Raman Scattering. <i>Analytical Chemistry</i> , 2020, 92, 13182-13191.	3.2	28
20	HLA-A*02:01 restricted T cell receptors against the highly conserved SARS-CoV-2 polymerase cross-react with human coronaviruses. <i>Cell Reports</i> , 2021, 37, 110167.	2.9	18
21	Integrated measurement of intracellular proteins and transcripts in single cells. <i>Lab on A Chip</i> , 2018, 18, 3251-3262.	3.1	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. <i>PLoS ONE</i> , 2018, 13, e0191634.	1.1	12
23	Constraint-Based Reconstruction and Analyses of Metabolic Models: Open-Source Python Tools and Applications to Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
24	Multomic Immunophenotyping of COVID-19 Patients Reveals Early Infection Trajectories. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
25	Kinetic Inference Resolves Epigenetic Mechanism of Drug Resistance in Melanoma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2