

# Yvonne Y Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,255  
citations

471509

17  
h-index

501196

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2652  
citing authors

#	ARTICLE	IF	CITATIONS
1	T Cells Expressing CD19/CD20 Bispecific Chimeric Antigen Receptors Prevent Antigen Escape by Malignant B Cells. <i>Cancer Immunology Research</i> , 2016, 4, 498-508.	3.4	456
2	Engineering CAR-T Cells for Next-Generation Cancer Therapy. <i>Cancer Cell</i> , 2020, 38, 473-488.	16.8	342
3	Genetic control of mammalian T-cell proliferation with synthetic RNA regulatory systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8531-8536.	7.1	238
4	Navigating CAR-T cells through the solid-tumour microenvironment. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 531-550.	46.4	236
5	Rewiring T-cell responses to soluble factors with chimeric antigen receptors. <i>Nature Chemical Biology</i> , 2018, 14, 317-324.	8.0	185
6	CAR-T design: Elements and their synergistic function. <i>EBioMedicine</i> , 2020, 58, 102931.	6.1	144
7	Systematically optimized BCMA/CS1 bispecific CAR-T cells robustly control heterogeneous multiple myeloma. <i>Nature Communications</i> , 2020, 11, 2283.	12.8	130
8	CARs: Synthetic Immunoreceptors for Cancer Therapy and Beyond. <i>Trends in Molecular Medicine</i> , 2017, 23, 430-450.	6.7	89
9	Quantitative Analyses of Core Promoters Enable Precise Engineering of Regulated Gene Expression in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2016, 5, 395-404.	3.8	77
10	TGF $\beta$ -responsive CAR-T cells promote anti-tumor immune function. <i>Bioengineering and Translational Medicine</i> , 2018, 3, 75-86.	7.1	69
11	Synthetic biology advances and applications in the biotechnology industry: a perspective. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 449-461.	3.0	57
12	Regulation of T cell proliferation with drug-responsive microRNA switches. <i>Nucleic Acids Research</i> , 2018, 46, 1541-1552.	14.5	31
13	Increasing T Cell Versatility with SUPRA CARs. <i>Cell</i> , 2018, 173, 1316-1317.	28.9	29
14	Identification and selective expansion of functionally superior T cells expressing chimeric antigen receptors. <i>Journal of Translational Medicine</i> , 2015, 13, 161.	4.4	24
15	ADDENDUM: T Cells Expressing CD19/CD20 Bispecific Chimeric Antigen Receptors Prevent Antigen Escape by Malignant B Cells. <i>Cancer Immunology Research</i> , 2016, 4, 639-641.	3.4	23
16	Modularly Constructed Synthetic Granzyme B Molecule Enables Interrogation of Intracellular Proteases for Targeted Cytotoxicity. <i>ACS Synthetic Biology</i> , 2017, 6, 1484-1495.	3.8	22
17	Efficient Gene Editing in Primary Human T Cells. <i>Trends in Immunology</i> , 2015, 36, 667-669.	6.8	18
18	Engineering primary T cells with chimeric antigen receptors for rewired responses to soluble ligands. <i>Nature Protocols</i> , 2020, 15, 1507-1524.	12.0	17

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19	Mammalian synthetic biology in the age of genome editing and personalized medicine. <i>Current Opinion in Chemical Biology</i> , 2017, 40, 57-64.	6.1	16
20	Engineering Next-Generation CAR-T Cells: Overcoming Tumor Hypoxia and Metabolism. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2022, 13, 193-216.	6.8	15
21	Cell fishing with DNA aptamers. <i>Nature Biomedical Engineering</i> , 2019, 3, 757-758.	22.5	8
22	Engineering Principles for Synthetic Biology Circuits in Cancer Immunotherapy. <i>Cancer Immunology Research</i> , 2022, 10, 6-11.	3.4	6
23	Outsmarting and outmuscling cancer cells with synthetic and systems immunology. <i>Current Opinion in Biotechnology</i> , 2019, 60, 111-118.	6.6	5
24	A Fresh Approach to Targeting Aging Cells: CAR-T Cells Enhance Senolytic Specificity. <i>Cell Stem Cell</i> , 2020, 27, 192-194.	11.1	4
25	T cells to fix a broken heart. <i>Science</i> , 2022, 375, 23-24.	12.6	3
26	Getting better mileage with logically primed CARs. <i>Med</i> , 2021, 2, 785-787.	4.4	2
27	Bacteria recycle tumour waste to fuel immune cells. <i>Nature</i> , 2021, 598, 570-571.	27.8	2
28	Abstract CT007: CD19/CD20 bispecific chimeric antigen receptor (CAR) in naive/memory T-cells for the treatment of relapsed or refractory B-cell lymphomas. , 2021, , .		1
29	Killer fatigue: Transition to NK-cell-like phenotype is a signature of CAR-T cell exhaustion. <i>Cell</i> , 2021, 184, 6017-6019.	28.9	1
30	Editorial overview: Pharmaceutical biotechnology: new frontiers in protein, gene, and cell therapies. <i>Current Opinion in Biotechnology</i> , 2019, 60, iii-v.	6.6	0