# Yvonne Y Chen

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5068627/publications.pdf

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 | Engineering Principles for Synthetic Biology Circuits in Cancer Immunotherapy. Cancer Immunology Research, 2022, 10, 6-11. | 3.4 | 6 |
| 2 | T cells to fix a broken heart. Science, 2022, 375, 23-24. | 12.6 | 3 |
| 3 | Engineering Next-Generation CAR-T Cells: Overcoming Tumor Hypoxia and Metabolism. Annual Review of Chemical and Biomolecular Engineering, 2022, 13, 193-216. | 6.8 | 15 |
| 4 | Navigating CAR-T cells through the solid-tumour microenvironment. Nature Reviews Drug Discovery, 2021, 20, 531-550. | 46.4 | 236 |
| 5 | 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 |
| 6 | Getting better mileage with logically primed CARs. Med, 2021, 2, 785-787. | 4.4 | 2 |
| 7 | Bacteria recycle tumour waste to fuel immune cells. Nature, 2021, 598, 570-571. | 27.8 | 2 |
| 8 | Killer fatigue: Transition to NK-cell-like phenotype is a signature of CAR-T cell exhaustion. Cell, 2021, 184, 6017-6019. | 28.9 | 1 |
| 9 | A Fresh Approach to Targeting Aging Cells: CAR-T Cells Enhance Senolytic Specificity. Cell Stem Cell, 2020, 27, 192-194. | 11.1 | 4 |
| 10 | Engineering CAR-T Cells for Next-Generation Cancer Therapy. Cancer Cell, 2020, 38, 473-488. | 16.8 | 342 |
| 11 | CAR-T design: Elements and their synergistic function. EBioMedicine, 2020, 58, 102931. | 6.1 | 144 |
| 12 | Systematically optimized BCMA/CS1 bispecific CAR-T cells robustly control heterogeneous multiple myeloma. Nature Communications, 2020, 11, 2283. | 12.8 | 130 |
| 13 | Engineering primary T cells with chimeric antigen receptors for rewired responses to soluble ligands. Nature Protocols, 2020, 15, 1507-1524. | 12.0 | 17 |
| 14 | Editorial overview: Pharmaceutical biotechnology: new frontiers in protein, gene, and cell therapies. Current Opinion in Biotechnology, 2019, 60, iii-v. | 6.6 | 0 |
| 15 | Cell fishing with DNA aptamers. Nature Biomedical Engineering, 2019, 3, 757-758. | 22.5 | 8 |
| 16 | Outsmarting and outmuscling cancer cells with synthetic and systems immunology. Current Opinion in Biotechnology, 2019, 60, 111-118. | 6.6 | 5 |
| 17 | Regulation of T cell proliferation with drug-responsive microRNA switches. Nucleic Acids Research, 2018, 46, 1541-1552. | 14.5 | 31 |
| 18 | Rewiring T-cell responses to soluble factors with chimeric antigen receptors. Nature Chemical Biology, 2018, 14, 317-324. | 8.0 | 185 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Increasing T Cell Versatility with SUPRA CARs. Cell, 2018, 173, 1316-1317. | 28.9 | 29 |
| 20 | TGFâ€Î²â€“responsive CARâ€T cells promote antiâ€tumor immune function. Bioengineering and Translational Medicine, 2018, 3, 75-86. | 7.1 | 69 |
| 21 | Synthetic biology advances and applications in the biotechnology industry: a perspective. Journal of Industrial Microbiology and Biotechnology, 2018, 45, 449-461. | 3.0 | 57 |
| 22 | CARs: Synthetic Immunoreceptors for Cancer Therapy and Beyond. Trends in Molecular Medicine, 2017, 23, 430-450. | 6.7 | 89 |
| 23 | Modularly Constructed Synthetic Granzyme B Molecule Enables Interrogation of Intracellular Proteases for Targeted Cytotoxicity. ACS Synthetic Biology, 2017, 6, 1484-1495. | 3.8 | 22 |
| 24 | Mammalian synthetic biology in the age of genome editing and personalized medicine. Current Opinion in Chemical Biology, 2017, 40, 57-64. | 6.1 | 16 |
| 25 | ADDENDUM: T Cells Expressing CD19/CD20 Bispecific Chimeric Antigen Receptors Prevent Antigen Escape by Malignant B Cells. Cancer Immunology Research, 2016, 4, 639-641. | 3.4 | 23 |
| 26 | T Cells Expressing CD19/CD20 Bispecific Chimeric Antigen Receptors Prevent Antigen Escape by Malignant B Cells. Cancer Immunology Research, 2016, 4, 498-508. | 3.4 | 456 |
| 27 | Quantitative Analyses of Core Promoters Enable Precise Engineering of Regulated Gene Expression in Mammalian Cells. ACS Synthetic Biology, 2016, 5, 395-404. | 3.8 | 77 |
| 28 | Identification and selective expansion of functionally superior T cells expressing chimeric antigen receptors. Journal of Translational Medicine, 2015, 13, 161. | 4.4 | 24 |
| 29 | Efficient Gene Editing in Primary Human T Cells. Trends in Immunology, 2015, 36, 667-669. | 6.8 | 18 |
| 30 | Genetic control of mammalian T-cell proliferation with synthetic RNA regulatory systems. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8531-8536. | 7.1 | 238 |