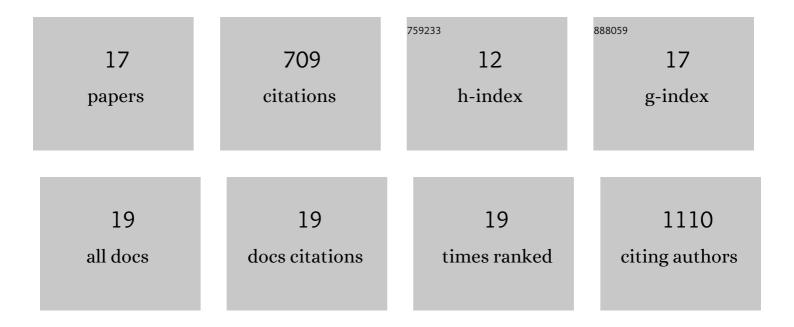
## Cuiwen He

List of Publications by Year in descending order

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CHIMEN HE

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian<br>Cells. Cell, 2018, 175, 514-529.e20.  | 28.9 | 177       |
| 2  | GPIHBP1 and Lipoprotein Lipase, Partners in Plasma Triglyceride Metabolism. Cell Metabolism, 2019, 30, 51-65.  | 16.2 | 86        |
| 3  | High-resolution imaging and quantification of plasma membrane cholesterol by NanoSIMS.<br>Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2000-2005.   | 7.1  | 71        |
| 4  | Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. Nature<br>Immunology, 2020, 21, 746-755.  | 14.5 | 60        |
| 5  | NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into<br>Cardiomyocytes. Cell Metabolism, 2018, 27, 1055-1066.e3.  | 16.2 | 54        |
| 6  | High-resolution visualization and quantification of nucleic acid–based therapeutics in cells and<br>tissues using Nanoscale secondary ion mass spectrometry (NanoSIMS). Nucleic Acids Research, 2021,<br>49, 1-14.                         | 14.5 | 51        |
| 7  | Macrophages release plasma membrane-derived particles rich in accessible cholesterol. Proceedings of the United States of America, 2018, 115, E8499-E8508.   | 7.1  | 41        |
| 8  | Aster Proteins Regulate the Accessible Cholesterol Pool in the Plasma Membrane. Molecular and Cellular Biology, 2020, 40, .  | 2.3  | 39        |
| 9  | Nanosims Imaging: An Approach for Visualizing and Quantifying Lipids in Cells and Tissues. Journal of<br>Investigative Medicine, 2017, 65, 669-672.  | 1.6  | 28        |
| 10 | Release of cholesterol-rich particles from the macrophage plasma membrane during movement of filopodia and lamellipodia. ELife, 2019, 8, .   | 6.0  | 27        |
| 11 | Peroxidasin-mediated bromine enrichment of basement membranes. Proceedings of the National<br>Academy of Sciences of the United States of America, 2020, 117, 15827-15836.   | 7.1  | 21        |
| 12 | Cultured macrophages transfer surplus cholesterol into adjacent cells in the absence of serum or<br>high-density lipoproteins. Proceedings of the National Academy of Sciences of the United States of<br>America, 2020, 117, 10476-10483. | 7.1  | 21        |
| 13 | The structural basis for monoclonal antibody 5D2 binding to the tryptophan-rich loop of lipoprotein<br>lipase. Journal of Lipid Research, 2020, 61, 1347-1359.   | 4.2  | 11        |
| 14 | GPIHBP1 expression in gliomas promotes utilization of lipoprotein-derived nutrients. ELife, 2019, 8, .   | 6.0  | 10        |
| 15 | NanoSIMS imaging reveals unexpected heterogeneity in nutrient uptake by brown adipocytes.<br>Biochemical and Biophysical Research Communications, 2018, 504, 899-902.  | 2.1  | 8         |
| 16 | The fatty acids from LPL-mediated processing of triglyceride-rich lipoproteins are taken up rapidly by cardiomyocytes. Journal of Lipid Research, 2020, 61, 815.   | 4.2  | 3         |
| 17 | Correlative Electron Microscopy and NanoSIMS Analysis for Lipid Studies. Microscopy and Microanalysis, 2018, 24, 360-361.  | 0.4  | 1         |
|    |  |      |           |