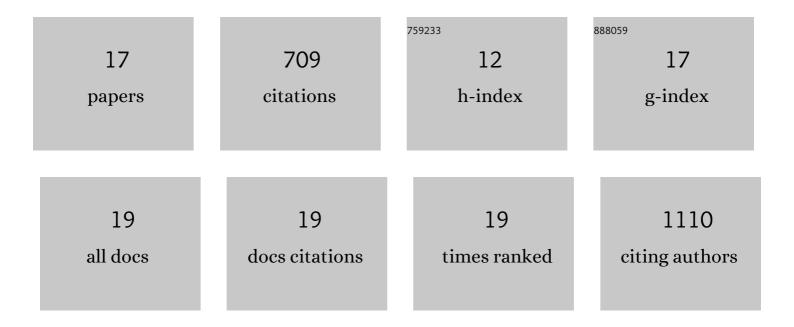
## Cuiwen He

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 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. 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 Immunology, 2020, 21, 746-755.	14.5	60
5	NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into 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 tissues using Nanoscale secondary ion mass spectrometry (NanoSIMS). Nucleic Acids Research, 2021, 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 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 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 high-density lipoproteins. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10476-10483.	7.1	21
13	The structural basis for monoclonal antibody 5D2 binding to the tryptophan-rich loop of lipoprotein 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. 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