

Cuiwen He

List of Publications by Year in descending order

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17
papers

709
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. <i>Cell</i> , 2018, 175, 514-529.e20.	28.9	177
2	GPIHBP1 and Lipoprotein Lipase, Partners in Plasma Triglyceride Metabolism. <i>Cell Metabolism</i> , 2019, 30, 51-65.	16.2	86
3	High-resolution imaging and quantification of plasma membrane cholesterol by NanoSIMS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2000-2005.	7.1	71
4	Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. <i>Nature Immunology</i> , 2020, 21, 746-755.	14.5	60
5	NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into Cardiomyocytes. <i>Cell Metabolism</i> , 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). <i>Nucleic Acids Research</i> , 2021, 49, 1-14.	14.5	51
7	Macrophages release plasma membrane-derived particles rich in accessible cholesterol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8499-E8508.	7.1	41
8	Aster Proteins Regulate the Accessible Cholesterol Pool in the Plasma Membrane. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	39
9	Nanosims Imaging: An Approach for Visualizing and Quantifying Lipids in Cells and Tissues. <i>Journal of Investigative Medicine</i> , 2017, 65, 669-672.	1.6	28
10	Release of cholesterol-rich particles from the macrophage plasma membrane during movement of filopodia and lamellipodia. <i>ELife</i> , 2019, 8, .	6.0	27
11	Peroxidasin-mediated bromine enrichment of basement membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10476-10483.	7.1	21
13	The structural basis for monoclonal antibody 5D2 binding to the tryptophan-rich loop of lipoprotein lipase. <i>Journal of Lipid Research</i> , 2020, 61, 1347-1359.	4.2	11
14	GPIHBP1 expression in gliomas promotes utilization of lipoprotein-derived nutrients. <i>ELife</i> , 2019, 8, .	6.0	10
15	NanoSIMS imaging reveals unexpected heterogeneity in nutrient uptake by brown adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 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. <i>Journal of Lipid Research</i> , 2020, 61, 815.	4.2	3
17	Correlative Electron Microscopy and NanoSIMS Analysis for Lipid Studies. <i>Microscopy and Microanalysis</i> , 2018, 24, 360-361.	0.4	1