Lynne Chantranupong

List of Publications by Year
in descending order

13	4,083	759055 12	1125617 13
papers	citations	h-index	g-index

15	15	15	6874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid purification and metabolomic profiling of synaptic vesicles from mammalian brain. ELife, 2020, 9, .	2.8	32
2	Abnormal Striatal Development Underlies the Early Onset of Behavioral Deficits in Shank3B Mice. Cell Reports, 2019, 29, 2016-2027.e4.	2.9	38
3	Architecture of the human GATOR1 and GATOR1â€“Rag GTPases complexes. Nature, 2018, 556, 64-69.	13.7	128
4	Sunlight Brightens Learning and Memory. Cell, 2018, 173, 1570-1572.	13.5	9
5	KICSTOR recruits GATOR1 to the lysosome and is necessary for nutrients to regulate mTORC1. Nature, 2017, 543, 438-442.	13.7	229
6	The CASTOR Proteins Are Arginine Sensors for the mTORC1 Pathway. Cell, 2016, 165, 153-164.	13.5	598
7	Structural basis for leucine sensing by the Sestrin2-mTORC1 pathway. Science, 2016, 351, 53-58.	6.0	340
8	Sestrin2 is a leucine sensor for the mTORC1 pathway. Science, 2016, 351, 43-48.	6.0	901
9	Lysosomal amino acid transporter SLC38A9 signals arginine sufficiency to mTORC1. Science, 2015, 347, 188-194.	6.0	662
10	Nutrient-Sensing Mechanisms across Evolution. Cell, 2015, 161, 67-83.	13.5	293
11	The Sestrins Interact with GATOR2 to Negatively Regulate the Amino-Acid-Sensing Pathway Upstream of mTORC1. Cell Reports, 2014, 9, 1-8.	2.9	394
12	The Folliculin Tumor Suppressor Is a GAP for the RagC/D GTPases That Signal Amino Acid Levels to mTORC1. Molecular Cell, 2013, 52, 495-505.	4.5	436
13	A common, non-optimal phenotypic endpoint in experimental adaptations of bacteriophage lysis time. BMC Evolutionary Biology, 2012, 12, 37.	3.2	20