

# Lynne Chantranupong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2305562/publications.pdf>

Version: 2024-02-01

13  
papers

4,083  
citations

758635

12  
h-index

1125271

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

6874  
citing authors

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