Rosalie E Lawrence

List of Publications by Year
in descending order

11	1,091	933447	1281871
papers	citations	10 h-index	11 g-index

16	16	16	1905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The lysosome as a cellular centre for signalling, metabolism and quality control. Nature Cell Biology, 2019, 21, 133-142.	10.3	599
2	Structural mechanism of a Rag GTPase activation checkpoint by the lysosomal folliculin complex. Science, 2019, 366, 971-977.	12.6	108
3	Hybrid Structure of the RagA/C-Ragulator mTORC1 Activation Complex. Molecular Cell, 2017, 68, 835-846.e3.	9.7	77
4	A nutrient-induced affinity switch controls mTORC1 activation by its Rag GTPaseâ€“Ragulator lysosomal scaffold. Nature Cell Biology, 2018, 20, 1052-1063.	10.3	72
5	Dynamics and architecture of the NRBF2-containing phosphatidylinositol 3-kinase complex I of autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8224-8229.	7.1	63
6	Positive and Negative Regulation of the Master Metabolic Regulator mTORC1 by Two Families of Legionella pneumophila Effectors. Cell Reports, 2017, 21, 2031-2038.	6.4	54
7	eIF2B conformation and assembly state regulate the integrated stress response. ELife, 2021, 10, .	6.0	46
8	Structural mechanism for amino acid-dependent Rag GTPase nucleotide state switching by SLC38A9. Nature Structural and Molecular Biology, 2020, 27, 1017-1023.	8.2	37
9	Viral evasion of the integrated stress response through antagonism of eIF2-P binding to eIF2B. Nature Communications, 2021, 12, 7103.	12.8	14
10	PhotoGate microscopy to track single molecules in crowded environments. Nature Communications, 2017, 8, 13978.	12.8	13
11	A point mutation in the nucleotide exchange factor eIF2B constitutively activates the integrated stress response by allosteric modulation. ELife, 2022, 11, .	6.0	5