

Adam L Yokom

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

771
citations

933447

10
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	Ratchet-like polypeptide translocation mechanism of the AAA+ disaggregase Hsp104. <i>Science</i> , 2017, 357, 273-279.	12.6	241
2	Structural mechanism of a Rag GTPase activation checkpoint by the lysosomal folliculin complex. <i>Science</i> , 2019, 366, 971-977.	12.6	108
3	Spiral architecture of the Hsp104 disaggregase reveals the basis for polypeptide translocation. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 830-837.	8.2	102
4	Allosteric activation of the nitric oxide receptor soluble guanylate cyclase mapped by cryo-electron microscopy. <i>ELife</i> , 2019, 8, .	6.0	66
5	ULK complex organization in autophagy by a C-shaped FIP200 N-terminal domain dimer. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	59
6	The autophagy adaptor NDP52 and the FIP200 coiled-coil allosterically activate ULK1 complex membrane recruitment. <i>ELife</i> , 2020, 9, .	6.0	46
7	A helical assembly of human ESCRT-I scaffolds reverse-topology membrane scission. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 570-580.	8.2	44
8	Mining Disaggregase Sequence Space to Safely Counter TDP-43, FUS, and α -Synuclein Proteotoxicity. <i>Cell Reports</i> , 2019, 28, 2080-2095.e6.	6.4	36
9	Reconstitution of cargo-induced LC3 lipidation in mammalian selective autophagy. <i>Science Advances</i> , 2021, 7, .	10.3	33
10	Allosteric Regulation of Oligomerization by a B12 Trafficking G-Protein Is Corrupted in Methylmalonic Aciduria. <i>Cell Chemical Biology</i> , 2019, 26, 960-969.e4.	5.2	16
11	Friction-driven membrane scission by the human ESCRT-III proteins CHMP1B and IST1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	16