Marilyn Leonard

List of Publications by Year
in descending order

18	1,674	566801 15	887659 17
papers	citations	h-index	g-index

19	19	19	1949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ZNF598 and RACK1 Regulate Mammalian Ribosome-Associated Quality Control Function by Mediating Regulatory 40S Ribosomal Ubiquitylation. Molecular Cell, 2017, 65, 751-760.e4.	4.5	275
2	G domain dimerization controls dynamin's assembly-stimulated GTPase activity. Nature, 2010, 465, 435-440.	13.7	264
3	A Pseudoatomic Model of the Dynamin Polymer Identifies a Hydrolysis-Dependent Powerstroke. Cell, 2011, 147, 209-222.	13.5	189
4	SNX9 Regulates Dynamin Assembly and Is Required for Efficient Clathrin-mediated Endocytosis. Molecular Biology of the Cell, 2005, 16, 2058-2067.	0.9	178
5	Robust Colorimetric Assays for Dynamin's Basal and Stimulated GTPase Activities. Methods in Enzymology, 2005, 404, 490-503.	0.4	97
6	Membrane Insertion of the Pleckstrin Homology Domain Variable Loop 1 Is Critical for Dynamin-catalyzed Vesicle Scission. Molecular Biology of the Cell, 2009, 20, 4630-4639.	0.9	94
7	Site-specific identification and quantitation of endogenous SUMO modifications under native conditions. Nature Communications, 2017, 8, 1171.	5.8	92
8	Dynamin GTPase Domain Mutants That Differentially Affect GTP Binding, GTP Hydrolysis, and Clathrin-mediated Endocytosis. Journal of Biological Chemistry, 2004, 279, 40431-40436.	1.6	83
9	An Intramolecular Signaling Element that Modulates Dynamin Function In Vitro and In Vivo. Molecular Biology of the Cell, 2009, 20, 3561-3571.	0.9	76
10	Crystal structure of the GTPase domain of rat dynamin 1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13093-13098.	3.3	67
11	An internal GAP domain negatively regulates presynaptic dynamin in vivo. Journal of Cell Biology, 2005, 169, 117-126.	2.3	61
12	Active Protein Neddylation or Ubiquitylation Is Dispensable for Stress Granule Dynamics. Cell Reports, 2019, 27, 1356-1363.e3.	2.9	48
13	Distinct regulatory ribosomal ubiquitylation events are reversible and hierarchically organized. ELife, 2020, 9, .	2.8	46
14	Structure and function of the yeast listerin (Ltn1) conserved N-terminal domain in binding to stalled 60S ribosomal subunits. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4151-60.	3.3	34
15	iRQC, a surveillance pathway for 40S ribosomal quality control during mRNA translation initiation. Cell Reports, 2021, 36, 109642.	2.9	30
16	Mapping the mammalian ribosome quality control complex interactome using proximity labeling approaches. Molecular Biology of the Cell, 2018, 29, 1258-1269.	0.9	19
17	Ribosome quality control activity potentiates vaccinia virus protein synthesis during infection. Journal of Cell Science, 2021, 134, .	1.2	19
18	The Use of Multidimensional Microscopy in the Characterization of Retinal Vascular Development in a Murine Model. Microscopy and Microanalysis, 2001, 7, 1010-1011.	0.2	0