

# Marilyn Leonard

## List of Publications by Year in descending order

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18  
papers

1,674  
citations

566801

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887659

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docs citations

19  
times ranked

1949  
citing authors

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