

Nica Borgese

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6002312/publications.pdf>

Version: 2024-02-01

61
papers

4,209
citations

117625
34
h-index

118850
62
g-index

63
all docs

63
docs citations

63
times ranked

5145
citing authors

#	ARTICLE	IF	CITATIONS
1	PI(4,5)P2-Dependent and Ca ²⁺ -Regulated ER-PM Interactions Mediated by the Extended Synaptotagmins. <i>Cell</i> , 2013, 153, 1494-1509.	28.9	495
2	Formation of stacked ER cisternae by low affinity protein interactions. <i>Journal of Cell Biology</i> , 2003, 163, 257-269.	5.2	420
3	The tale of tail-anchored proteins. <i>Journal of Cell Biology</i> , 2003, 161, 1013-1019.	5.2	227
4	Endoplasmic reticulum architecture: structures in flux. <i>Current Opinion in Cell Biology</i> , 2006, 18, 358-364.	5.4	188
5	Targeting pathways of C-tail-anchored proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 937-946.	2.6	185
6	Ribosomal-membrane interaction: In vitro binding of ribosomes to microsomal membranes. <i>Journal of Molecular Biology</i> , 1974, 88, 559-580.	4.2	170
7	How tails guide tail-anchored proteins to their destinations. <i>Current Opinion in Cell Biology</i> , 2007, 19, 368-375.	5.4	160
8	Targeting of a Tail-anchored Protein to Endoplasmic Reticulum and Mitochondrial Outer Membrane by Independent but Competing Pathways. <i>Molecular Biology of the Cell</i> , 2001, 12, 2482-2496.	2.1	120
9	Transmembrane topogenesis of a tail-anchored protein is modulated by membrane lipid composition. <i>EMBO Journal</i> , 2005, 24, 2533-2542.	7.8	120
10	Uncovering Common Principles in Protein Export of Malaria Parasites. <i>Cell Host and Microbe</i> , 2012, 12, 717-729.	11.0	115
11	Unassisted translocation of large polypeptide domains across phospholipid bilayers. <i>Journal of Cell Biology</i> , 2006, 175, 767-777.	5.2	103
12	KDEL and KKXX Retrieval Signals Appended to the Same Reporter Protein Determine Different Trafficking between Endoplasmic Reticulum, Intermediate Compartment, and Golgi Complex. <i>Molecular Biology of the Cell</i> , 2003, 14, 889-902.	2.1	99
13	A VAPB mutant linked to amyotrophic lateral sclerosis generates a novel form of organized smooth endoplasmic reticulum. <i>FASEB Journal</i> , 2010, 24, 1419-1430.	0.5	98
14	Selective activation of the transcription factor ATF6 mediates endoplasmic reticulum proliferation triggered by a membrane protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7832-7837.	7.1	91
15	Transmembrane domain-dependent partitioning of membrane proteins within the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2008, 181, 105-118.	5.2	87
16	Activation of the Endothelial Nitric-oxide Synthase by Tumor Necrosis Factor- α . <i>Journal of Biological Chemistry</i> , 2001, 276, 6529-6536.	3.4	77
17	Activation of Endothelial Nitric-Oxide Synthase by Tumor Necrosis Factor- α : A Novel Pathway Involving Sequential Activation of Neutral Sphingomyelinase, Phosphatidylinositol-3-OH kinase, and Akt. <i>Molecular Pharmacology</i> , 2003, 63, 886-895.	2.3	76
18	N-myristoylation determines dual targeting of mammalian NADH-cytochrome b(5) reductase to ER and mitochondrial outer membranes by a mechanism of kinetic partitioning. <i>Journal of Cell Biology</i> , 2005, 168, 735-745.	5.2	72

#	ARTICLE	IF	CITATIONS
19	Autophagy and Neurodegeneration: Insights from a Cultured Cell Model of ALS. <i>Cells</i> , 2015, 4, 354-386.	4.1	65
20	Mechanism of Residence of Cytochrome B(5), a Tail-Anchored Protein, in the Endoplasmic Reticulum. <i>Journal of Cell Biology</i> , 2000, 148, 899-914.	5.2	62
21	Trafficking of tail-anchored proteins: transport from the endoplasmic reticulum to the plasma membrane and sorting between surface domains in polarised epithelial cells. <i>Journal of Cell Science</i> , 2002, 115, 1689-1702.	2.0	62
22	Translocation of the C Terminus of a Tail-anchored Protein across the Endoplasmic Reticulum Membrane in Yeast Mutants Defective in Signal Peptide-driven Translocation. <i>Journal of Biological Chemistry</i> , 2003, 278, 3489-3496.	3.4	59
23	Cell culture models to investigate the selective vulnerability of motoneuronal mitochondria to familial ALS-linked G93ASOD1. <i>European Journal of Neuroscience</i> , 2006, 24, 387-399.	2.6	58
24	The Ways of Tails: the GET Pathway and more. <i>Protein Journal</i> , 2019, 38, 289-305.	1.6	57
25	The role of cytosolic proteins in the insertion of tail-anchored proteins into phospholipid bilayers. <i>Journal of Cell Science</i> , 2009, 122, 2383-2392.	2.0	55
26	Trafficking of tail-anchored proteins: transport from the endoplasmic reticulum to the plasma membrane and sorting between surface domains in polarised epithelial cells. <i>Journal of Cell Science</i> , 2002, 115, 1689-702.	2.0	55
27	Site of synthesis of rat liver NADH-cytochrome b5 reductase, an integral membrane protein. <i>FEBS Letters</i> , 1980, 112, 216-220.	2.8	53
28	NADH-cytochrome b 5 reductase and cytochrome b 5 isoforms as models for the study of post-translational targeting to the endoplasmic reticulum. <i>FEBS Letters</i> , 1993, 325, 70-75.	2.8	52
29	Remote Origins of Tail-Anchored Proteins. <i>Traffic</i> , 2010, 11, 877-885.	2.7	50
30	Nicotine-Modulated Subunit Stoichiometry Affects Stability and Trafficking of $\alpha 4$ Nicotinic Receptor. <i>Journal of Neuroscience</i> , 2013, 33, 12316-12328.	3.6	49
31	Getting membrane proteins on and off the shuttle bus between the endoplasmic reticulum and the Golgi complex. <i>Journal of Cell Science</i> , 2016, 129, 1537-45.	2.0	49
32	The targeting information of the mitochondrial outer membrane isoform of cytochrome b5 is contained within the carboxyl-terminal region. <i>FEBS Letters</i> , 1995, 370, 69-74.	2.8	48
33	Restructured endoplasmic reticulum generated by mutant amyotrophic lateral sclerosis-linked VAPB is cleared by the proteasome. <i>Journal of Cell Science</i> , 2012, 125, 3601-3611.	2.0	41
34	Selenoprotein N is an endoplasmic reticulum calcium sensor that links luminal calcium levels to a redox activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21288-21298.	7.1	40
35	The GET pathway can increase the risk of mitochondrial outer membrane proteins to be mistargeted to the ER. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	34
36	Dynamic and reversible restructuring of the ER induced by PDMP in cultured cells. <i>Journal of Cell Science</i> , 2006, 119, 3249-3260.	2.0	33

#	ARTICLE	IF	CITATIONS
37	CDK5 Regulatory Subunit-associated Protein 1-Like 1 (CDKAL1) Is a Tail-anchored Protein in the Endoplasmic Reticulum (ER) of Insulinoma Cells. Journal of Biological Chemistry, 2012, 287, 41808-41819.	3.4	31
38	Two tail-anchored protein variants, differing in transmembrane domain length and intracellular sorting, interact differently with lipids. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16269-16274.	7.1	30
39	Tail-anchored Protein Insertion in Mammals. Journal of Biological Chemistry, 2016, 291, 15292-15306.	3.4	29
40	Immunological similarity of the NADH-cytochrome electron transport system in microsomes, Golgi complex and mitochondrial outer membrane of rat liver cells. FEBS Letters, 1976, 63, 231-234.	2.8	26
41	A positive signal prevents secretory membrane cargo from recycling between the Golgi and the ER. EMBO Journal, 2014, 33, 2080-2097.	7.8	26
42	Endothelial nitric oxide synthase is segregated from caveolin-1 and localizes to the leading edge of migrating cells. Experimental Cell Research, 2006, 312, 877-889.	2.6	24
43	Discrimination between the endoplasmic reticulum and mitochondria by spontaneously inserting tail-anchored proteins. Traffic, 2018, 19, 182-197.	2.7	22
44	Chronic Deficiency of Nitric Oxide Affects Hypoxia Inducible Factor-1 α (HIF-1 α) Stability and Migration in Human Endothelial Cells. PLoS ONE, 2011, 6, e29680.	2.5	21
45	Basal nitric oxide release attenuates cell migration of HeLa and endothelial cells. Biochemical and Biophysical Research Communications, 2009, 386, 744-749.	2.1	20
46	Three translationally regulated mRNAs are stored in the cytoplasm of clam oocytes. Developmental Biology, 1987, 123, 10-16.	2.0	19
47	The Link between VAPB Loss of Function and Amyotrophic Lateral Sclerosis. Cells, 2021, 10, 1865.	4.1	19
48	Interactions between nitric oxide and sphingolipids and the potential consequences in physiology and pathology. Trends in Pharmacological Sciences, 2003, 24, 518-523.	8.7	18
49	Amyotrophic Lateral Sclerosis-Linked Mutant VAPB Inclusions Do Not Interfere with Protein Degradation Pathways or Intracellular Transport in a Cultured Cell Model. PLoS ONE, 2014, 9, e113416.	2.5	16
50	The WRB Subunit of the Get3 Receptor is Required for the Correct Integration of its Partner CAML into the ER. Scientific Reports, 2019, 9, 11887.	3.3	16
51	CAML mediates survival of Myc-induced lymphoma cells independent of tail-anchored protein insertion. Cell Death Discovery, 2017, 3, 16098.	4.7	9
52	VAPB depletion alters neuritogenesis and phosphoinositide balance in motoneuron-like cells: relevance to VAPB-linked ALS. Journal of Cell Science, 2019, 132, .	2.0	9
53	The fifth subunit in $\alpha 3\beta 4$ nicotinic receptor is more than an accessory subunit. FASEB Journal, 2018, 32, 4190-4202.	0.5	8
54	Mutant VAPB: Culprit or Innocent Bystander of Amyotrophic Lateral Sclerosis?. Contact (Thousand Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	8

#	ARTICLE	IF	CITATIONS
55	A Cellular System to Study the Role of Nitric Oxide in Cell Death, Survival, and Migration. <i>NeuroToxicology</i> , 2005, 26, 841-845.	3.0	6
56	An investigation of the effect of membrane curvature on transmembrane-domain dependent protein sorting in lipid bilayers. <i>Cellular Logistics</i> , 2014, 4, e29087.	0.9	6
57	Searching for remote homologs of CAML among eukaryotes. <i>Traffic</i> , 2020, 21, 647-658.	2.7	6
58	Studies on the Intracellular Distribution of Sindbis Messenger RNA in Infected Chick Embryo Fibroblasts. 2. Non-parallel Distribution of 26-S RNA and Ribosomes within Microsomal Subfractions. <i>FEBS Journal</i> , 1980, 103, 65-73.	0.2	4
59	Visualization of Endoplasmic Reticulum Subdomains in Cultured Cells. <i>Journal of Visualized Experiments</i> , 2014, , e50985.	0.3	3
60	The quest for a better resolution of proteinâ€translocation processes. <i>EMBO Reports</i> , 2009, 10, 337-342.	4.5	2
61	The inhibitory effect of methylenedisalicylic acid on the attachment of ribosomes to microsomal membranes in vitro. <i>FEBS Letters</i> , 1980, 116, 95-98.	2.8	1