Nica Borgese

List of Publications by Year in Descending Order

62 papers	3,531 citations	32 h-index	59 g-index
63 ext. papers	3,962 ext. citations	6.8 avg, IF	5.17 L-index

#	Paper	IF	Citations
62	Mutant VAPB: Culprit or Innocent Bystander of Amyotrophic Lateral Sclerosis?. *Contact (Thousand Oaks (Ventura County, Calif))*, **2021**, 4, 251525642110225	2.6	1
61	The Link between VAPB Loss of Function and Amyotrophic Lateral Sclerosis. *Cells*, **2021**, 10,	7.9	5
60	Searching for remote homologs of CAML among eukaryotes. *Traffic*, **2020**, 21, 647-658	5.7	4
59	Selenoprotein N is an endoplasmic reticulum calcium sensor that links luminal calcium levels to a redox activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2020** , 117, 21288-21298	11.5	16
58	The Ways of Tails: the GET Pathway and more. *Protein Journal*, **2019**, 38, 289-305	3.9	31
57	VAPB depletion alters neuritogenesis and phosphoinositide balance in motoneuron-like cells: relevance to VAPB-linked amyotrophic lateral sclerosis. *Journal of Cell Science*, **2019**, 132,	5.3	6
56	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	4.9	12
55	The GET pathway can increase the risk of mitochondrial outer membrane proteins to be mistargeted to the ER. *Journal of Cell Science*, **2018**, 131,	5.3	22
54	Discrimination between the endoplasmic reticulum and mitochondria by spontaneously inserting tail-anchored proteins. *Traffic*, **2018**, 19, 182-197	5.7	12
53	The fifth subunit in 34 nicotinic receptor is more than an accessory subunit. *FASEB Journal*, **2018**, 32, 4190-4202	0.9	5
52	CAML mediates survival of Myc-induced lymphoma cells independent of tail-anchored protein insertion. *Cell Death Discovery*, **2017**, 3, 16098	6.9	5
51	Tail-anchored Protein Insertion in Mammals: FUNCTION AND RECIPROCAL INTERACTIONS OF THE TWO SUBUNITS OF THE TRC40 RECEPTOR. *Journal of Biological Chemistry*, **2016**, 291, 15292-306	5.4	18
50	Getting membrane proteins on and off the shuttle bus between the endoplasmic reticulum and the Golgi complex. *Journal of Cell Science*, **2016**, 129, 1537-45	5.3	38
49	Autophagy and Neurodegeneration: Insights from a Cultured Cell Model of ALS. *Cells*, **2015**, 4, 354-86	7.9	55
48	A positive signal prevents secretory membrane cargo from recycling between the Golgi and the ER. *EMBO Journal*, **2014**, 33, 2080-97	13	15
47	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	3.7	11
46	An investigation of the effect of membrane curvature on transmembrane-domain dependent protein sorting in lipid bilayers. *Cellular Logistics*, **2014**, 4, e29087		5

45	Visualization of endoplasmic reticulum subdomains in cultured cells. *Journal of Visualized Experiments*, **2014**, e50985	1.6	3
44	PI(4,5)P(2)-dependent and Ca(2+)-regulated ER-PM interactions mediated by the extended synaptotagmins. *Cell*, **2013**, 153, 1494-509	56.2	387
43	Nicotine-modulated subunit stoichiometry affects stability and trafficking of α4β4 nicotinic receptor. *Journal of Neuroscience*, **2013**, 33, 12316-28	6.6	45
42	Uncovering common principles in protein export of malaria parasites. *Cell Host and Microbe*, **2012**, 12, 717-29	23.4	92
41	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, 41808-19	5.4	25
40	Restructured endoplasmic reticulum generated by mutant amyotrophic lateral sclerosis-linked VAPB is cleared by the proteasome. *Journal of Cell Science*, **2012**, 125, 3601-11	5.3	31
39	Selective activation of the transcription factor ATF6 mediates endoplasmic reticulum proliferation triggered by a membrane protein. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7832-7	11.5	83
38	Targeting pathways of C-tail-anchored proteins. *Biochimica Et Biophysica Acta - Biomembranes*, **2011**, 1808, 937-46	3.8	156
37	Chronic deficiency of nitric oxide affects hypoxia inducible factor-1α (HIF-1α) stability and migration in human endothelial cells. *PLoS ONE*, **2011**, 6, e29680	3.7	21
36	Remote origins of tail-anchored proteins. *Traffic*, **2010**, 11, 877-85	5.7	46
35	A VAPB mutant linked to amyotrophic lateral sclerosis generates a novel form of organized smooth endoplasmic reticulum. *FASEB Journal*, **2010**, 24, 1419-30	0.9	76
34	The role of cytosolic proteins in the insertion of tail-anchored proteins into phospholipid bilayers. *Journal of Cell Science*, **2009**, 122, 2383-92	5.3	47
33	The quest for a better resolution of protein-translocation processes. Conference on the Control, Co-ordination and Regulation of Protein Targeting and Translocation. *EMBO Reports*, **2009**, 10, 337-42	6.5	2
32	Basal nitric oxide release attenuates cell migration of HeLa and endothelial cells. *Biochemical and Biophysical Research Communications*, **2009**, 386, 744-9	3.4	17
31	Transmembrane domain-dependent partitioning of membrane proteins within the endoplasmic reticulum. *Journal of Cell Biology*, **2008**, 181, 105-18	7.3	81
30	How tails guide tail-anchored proteins to their destinations. *Current Opinion in Cell Biology*, **2007**, 19, 368-75	9	149
29	Endoplasmic reticulum architecture: structures in flux. *Current Opinion in Cell Biology*, **2006**, 18, 358-64	9	166
28	Dynamic and reversible restructuring of the ER induced by PDMP in cultured cells. *Journal of Cell Science*, **2006**, 119, 3249-60	5.3	32

27	Unassisted translocation of large polypeptide domains across phospholipid bilayers. *Journal of Cell Biology*, **2006**, 175, 767-77	7.3	87
26	Endothelial nitric oxide synthase is segregated from caveolin-1 and localizes to the leading edge of migrating cells. *Experimental Cell Research*, **2006**, 312, 877-89	4.2	21
25	Cell culture models to investigate the selective vulnerability of motoneuronal mitochondria to familial ALS-linked G93ASOD1. *European Journal of Neuroscience*, **2006**, 24, 387-99	3.5	52
24	A cellular system to study the role of nitric oxide in cell death, survival, and migration. *NeuroToxicology*, **2005**, 26, 841-5	4.4	6
23	Transmembrane topogenesis of a tail-anchored protein is modulated by membrane lipid composition. *EMBO Journal*, **2005**, 24, 2533-42	13	100
22	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, 16269-74	11.5	28
21	N-myristoylation determines dual targeting of mammalian NADH-cytochrome b5 reductase to ER and mitochondrial outer membranes by a mechanism of kinetic partitioning. *Journal of Cell Biology*, **2005**, 168, 735-45	7.3	66
20	Translocation of the C terminus of a tail-anchored protein across the endoplasmic reticulum membrane in yeast mutants defective in signal peptide-driven translocation. *Journal of Biological Chemistry*, **2003**, 278, 3489-96	5.4	50
19	Interactions between nitric oxide and sphingolipids and the potential consequences in physiology and pathology. *Trends in Pharmacological Sciences*, **2003**, 24, 518-23	13.2	15
18	The tale of tail-anchored proteins: coming from the cytosol and looking for a membrane. *Journal of Cell Biology*, **2003**, 161, 1013-9	7.3	201
17	Activation of endothelial nitric-oxide synthase by tumor necrosis factor-alpha: a novel pathway involving sequential activation of neutral sphingomyelinase, phosphatidylinositol-3Ukinase, and Akt. *Molecular Pharmacology*, **2003**, 63, 886-95	4.3	69
16	Formation of stacked ER cisternae by low affinity protein interactions. *Journal of Cell Biology*, **2003**, 163, 257-69	7.3	365
15	KDEL and KKXX retrieval signals appended to the same reporter protein determine different trafficking between endoplasmic reticulum, intermediate compartment, and Golgi complex. *Molecular Biology of the Cell*, **2003**, 14, 889-902	3.5	69
14	Trafficking of tail-anchored proteins: transport from the endoplasmic reticulum to the plasma membrane and sorting between surface domains in polarised epithelial cells. *Journal of Cell Science*, **2002**, 115, 1689-1702	5.3	52
13	Trafficking of tail-anchored proteins: transport from the endoplasmic reticulum to the plasma membrane and sorting between surface domains in polarised epithelial cells. *Journal of Cell Science*, **2002**, 115, 1689-702	5.3	47
12	Targeting of a tail-anchored protein to endoplasmic reticulum and mitochondrial outer membrane by independent but competing pathways. *Molecular Biology of the Cell*, **2001**, 12, 2482-96	3.5	108
11	Activation of the endothelial nitric-oxide synthase by tumor necrosis factor-alpha. A novel feedback mechanism regulating cell death. *Journal of Biological Chemistry*, **2001**, 276, 6529-36	5.4	68
10	Mechanism of residence of cytochrome b(5), a tail-anchored protein, in the endoplasmic reticulum. *Journal of Cell Biology*, **2000**, 148, 899-914	7.3	55

9	The targeting information of the mitochondrial outer membrane isoform of cytochrome b5 is contained within the carboxyl-terminal region. *FEBS Letters*, **1995**, 370, 69-74	3.8	47
8	NADH-cytochrome b5 reductase and cytochrome b5 isoforms as models for the study of post-translational targeting to the endoplasmic reticulum. *FEBS Letters*, **1993**, 325, 70-5	3.8	45
7	Three translationally regulated mRNAs are stored in the cytoplasm of clam oocytes. *Developmental Biology*, **1987**, 123, 10-6	3.1	18
6	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. *FEBS Journal*, **1980**, 103, 65-73		4
5	Site of synthesis of rat liver NADH--cytochrome b5 reductase, an integral membrane protein. *FEBS Letters*, **1980**, 112, 216-20	3.8	49
4	The inhibitory effect of methylenedisalicylic acid on the attachment of ribosomes to microsomal membranes in vitro. *FEBS Letters*, **1980**, 116, 95-8	3.8	0
3	Immunological similarity of the NADH-cytochrome c electron transport system in microsomes, Golgi complex and mitochondrial outer membrane of rat liver cells. *FEBS Letters*, **1976**, 63, 231-4	3.8	21
2	Ribosomal-membrane interaction: in vitro binding of ribosomes to microsomal membranes. *Journal of Molecular Biology*, **1974**, 88, 559-80	6.5	163
1	Membrane Insertion of Tail-anchored Proteins1-9		2