Blanche Schwappach-Pignataro

List of Publications by Year in Descending Order

65 papers	5,496 citations	35 h-index	74 g-index
91 ext. papers	6,165 ext. citations	9.6 avg, IF	5.38 L-index

#	Paper	IF	Citations
65	Altered atrial cytosolic calcium handling contributes to the development of postoperative atrial fibrillation. *Cardiovascular Research*, **2021**, 117, 1790-1801	9.9	18
64	Thiol-based switching mechanisms of stress-sensing chaperones. *Biological Chemistry*, **2021**, 402, 239-252	4.5	2
63	Endoplasmic reticulum membrane receptors of the GET pathway are conserved throughout eukaryotes. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
62	Ribosome-bound Get4/5 facilitates the capture of tail-anchored proteins by Sgt2 in yeast. *Nature Communications*, **2021**, 12, 782	17.4	5
61	Mapping protein interactions in the active TOM-TIM23 supercomplex. *Nature Communications*, **2021**, 12, 5715	17.4	5
60	Structural Basis of Tail-Anchored Membrane Protein Biogenesis by the GET Insertase Complex. *Molecular Cell*, **2020**, 80, 72-86.e7	17.6	28
59	14-3-3 binding creates a memory of kinase action by stabilizing the modified state of phospholamban. *Science Signaling*, **2020**, 13,	8.8	9
58	The Ways of Tails: the GET Pathway and more. *Protein Journal*, **2019**, 38, 289-305	3.9	31
57	The natural history of Get3-like chaperones. *Traffic*, **2019**, 20, 311-324	5.7	10
56	Dissection of GTPase-activating proteins reveals functional asymmetry in the COPI coat of budding yeast. *Journal of Cell Science*, **2019**, 132,	5.3	5
55	A trap mutant reveals the physiological client spectrum of TRC40. *Journal of Cell Science*, **2019**, 132,	5.3	8
54	Formation of COPI-coated vesicles at a glance. *Journal of Cell Science*, **2018**, 131,	5.3	58
53	Toolbox: Creating a systematic database of secretory pathway proteins uncovers new cargo for COPI. *Traffic*, **2018**, 19, 370-379	5.7	13
52	Two novel effectors of trafficking and maturation of the yeast plasma membrane H -ATPase. *Traffic* , **2017**, 18, 672-682	5.7	6
51	Tryptophan-rich basic protein (WRB) mediates insertion of the tail-anchored protein otoferlin and is required for hair cell exocytosis and hearing. *EMBO Journal*, **2016**, 35, 2536-2552	13	38
50	The molecular and functional identities of atrial cardiomyocytes in health and disease. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2016**, 1863, 1882-93	4.9	31
49	A dual phosphorylation switch controls 14-3-3-dependent cell surface expression of TASK-1. *Journal of Cell Science*, **2016**, 129, 831-42	5.3	30

48	Emery-Dreifuss muscular dystrophy mutations impair TRC40-mediated targeting of emerin to the inner nuclear membrane. *Journal of Cell Science*, **2016**, 129, 502-16	5.3	19
47	The SND proteins constitute an alternative targeting route to the endoplasmic reticulum. *Nature*, **2016**, 540, 134-138	50.4	120
46	Mice lacking WRB reveal differential biogenesis requirements of tail-anchored proteins in vivo. *Scientific Reports*, **2016**, 6, 39464	4.9	25
45	COP contains a helix C-terminal to its longin domain key to COPI dynamics and function. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6916-21	11.5	6
44	The role of protein-protein interactions in the intracellular traffic of the potassium channels TASK-1 and TASK-3. *Pflugers Archiv European Journal of Physiology*, **2015**, 467, 1105-20	4.6	17
43	The yeast oligopeptide transporter Opt2 is localized to peroxisomes and affects glutathione redox homeostasis. *FEMS Yeast Research*, **2014**, 14, 1055-67	3.1	25
42	The protein targeting factor Get3 functions as ATP-independent chaperone under oxidative stress conditions. *Molecular Cell*, **2014**, 56, 116-27	17.6	43
41	Ins Herz des sekretorischen Pfades: Stress mobilisiert Ionenkanle. *BioSpektrum*, **2014**, 20, 271-274	0.1	
40	The laboratory notebook in the 21st century: The electronic laboratory notebook would enhance good scientific practice and increase research productivity. *EMBO Reports*, **2014**, 15, 631-4	6.5	10
39	Tuning the electrical properties of the heart by differential trafficking of KATP ion channel complexes. *Journal of Cell Science*, **2014**, 127, 2106-19	5.3	32
38	WRB and CAML are necessary and sufficient to mediate tail-anchored protein targeting to the ER membrane. *PLoS ONE*, **2014**, 9, e85033	3.7	45
37	The association of BAG6 with SGTA and tail-anchored proteins. *PLoS ONE*, **2013**, 8, e59590	3.7	34
36	Get3 is a holdase chaperone and moves to deposition sites for aggregated proteins when membrane targeting is blocked. *Journal of Cell Science*, **2013**, 126, 473-83	5.3	35
35	Yeast Ist2 recruits the endoplasmic reticulum to the plasma membrane and creates a ribosome-free membrane microcompartment. *PLoS ONE*, **2012**, 7, e39703	3.7	62
34	Membrane proteins as 14-3-3 clients in functional regulation and intracellular transport. *Physiology*, **2011**, 26, 181-91	9.8	52
33	Cell biology. Think vesicular chloride. *Science*, **2010**, 328, 1364-5	33.3	2
32	The yeast CLC protein counteracts vesicular acidification during iron starvation. *Journal of Cell Science*, **2010**, 123, 2342-50	5.3	39
31	Bat3 promotes the membrane integration of tail-anchored proteins. *Journal of Cell Science*, **2010**, 123, 2170-8	5.3	101

30	Structures of Get3, Get4, and Get5 provide new models for TA membrane protein targeting. *Structure*, **2010**, 18, 897-902	5.2	29
29	Biogenesis of tail-anchored proteins: the beginning for the end?. *Journal of Cell Science*, **2009**, 122, 3605-12	5.3	90
28	Intracellular traffic of the K+ channels TASK-1 and TASK-3: role of N- and C-terminal sorting signals and interaction with 14-3-3 proteins. *Journal of Physiology*, **2009**, 587, 929-52	3.9	56
27	Comprehensive characterization of genes required for protein folding in the endoplasmic reticulum. *Science*, **2009**, 323, 1693-7	33.3	517
26	The GET complex mediates insertion of tail-anchored proteins into the ER membrane. *Cell*, **2008**, 134, 634-45	56.2	351
25	An overview of trafficking and assembly of neurotransmitter receptors and ion channels (Review). *Molecular Membrane Biology*, **2008**, 25, 270-8	3.4	37
24	Distinct targeting pathways for the membrane insertion of tail-anchored (TA) proteins. *Journal of Cell Science*, **2008**, 121, 1832-40	5.3	108
23	Novel cargo-binding site in the beta and delta subunits of coatomer. *Journal of Cell Biology*, **2007**, 179, 209-17	7.3	51
22	Involvement of Golgin-160 in cell surface transport of renal ROMK channel: co-expression of Golgin-160 increases ROMK currents. *Cellular Physiology and Biochemistry*, **2006**, 17, 1-12	3.9	21
21	The yeast Arr4p ATPase binds the chloride transporter Gef1p when copper is available in the cytosol. *Journal of Biological Chemistry*, **2006**, 281, 410-7	5.4	35
20	Scavenging of 14-3-3 proteins reveals their involvement in the cell-surface transport of ATP-sensitive K+ channels. *Journal of Cell Science*, **2006**, 119, 4353-63	5.3	40
19	14-3-3 proteins in membrane protein transport. *Biological Chemistry*, **2006**, 387, 1227-36	4.5	66
18	The retention factor p11 confers an endoplasmic reticulum-localization signal to the potassium channel TASK-1. *Traffic*, **2006**, 7, 168-81	5.7	76
17	A multimeric membrane protein reveals 14-3-3 isoform specificity in forward transport in yeast. *Traffic*, **2006**, 7, 903-16	5.7	21
16	The yeast CLC chloride channel is proteolytically processed by the furin-like protease Kex2p in the first extracellular loop. *FEBS Letters*, **2005**, 579, 1149-53	3.8	14
15	Pas de deux in groups of four--the biogenesis of KATP channels. *Journal of Molecular and Cellular Cardiology*, **2005**, 38, 887-94	5.8	15
14	Hide and run. Arginine-based endoplasmic-reticulum-sorting motifs in the assembly of heteromultimeric membrane proteins. *EMBO Reports*, **2005**, 6, 717-22	6.5	189
13	Trafficking of potassium channels. *Current Opinion in Neurobiology*, **2005**, 15, 364-9	7.6	42

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12	Direct transport across the plasma membrane of mammalian cells of Leishmania HASPB as revealed by a CHO export mutant. *Journal of Cell Science*, **2005**, 118, 517-27	5.3	40
11	SEC18/NSF-independent, protein-sorting pathway from the yeast cortical ER to the plasma membrane. *Journal of Cell Biology*, **2005**, 169, 613-22	7.3	50
10	Unconventional protein secretion: membrane translocation of FGF-2 does not require protein unfolding. *Journal of Cell Science*, **2004**, 117, 1727-36	5.3	76
9	14-3-3 dimers probe the assembly status of multimeric membrane proteins. *Current Biology*, **2003**, 13, 638-46	6.3	181
8	Exp5 exports eEF1A via tRNA from nuclei and synergizes with other transport pathways to confine translation to the cytoplasm. *EMBO Journal*, **2002**, 21, 6205-15	13	193
7	Biosynthetic FGF-2 is targeted to non-lipid raft microdomains following translocation to the extracellular surface of CHO cells. *Journal of Cell Science*, **2002**, 115, 3619-31	5.3	79
6	Molecular basis for K(ATP) assembly: transmembrane interactions mediate association of a K+ channel with an ABC transporter. *Neuron*, **2000**, 26, 155-67	13.9	143
5	A new ER trafficking signal regulates the subunit stoichiometry of plasma membrane K(ATP) channels. *Neuron*, **1999**, 22, 537-48	13.9	914
4	Golgi localization and functionally important domains in the NH2 and COOH terminus of the yeast CLC putative chloride channel Gef1p. *Journal of Biological Chemistry*, **1998**, 273, 15110-8	5.4	103
3	A common molecular basis for three inherited kidney stone diseases. *Nature*, **1996**, 379, 445-9	50.4	614
2	A family of putative chloride channels from Arabidopsis and functional complementation of a yeast strain with a CLC gene disruption. *Journal of Biological Chemistry*, **1996**, 271, 33632-8	5.4	136
1	Cloning and functional expression of rat CLC-5, a chloride channel related to kidney disease. *Journal of Biological Chemistry*, **1995**, 270, 31172-7	5.4	223