Georg H H Borner

List of Publications by Citations

31 papers	2,363 citations	21 h-index	34 g-index
34 ext. papers	3,057 ext. citations	9.8 avg, IF	5.33 L-index

#	Paper	IF	Citations
31	Analysis of detergent-resistant membranes in Arabidopsis. Evidence for plasma membrane lipid rafts. *Plant Physiology*, **2005**, 137, 104-16	6.4	395
30	Identification of glycosylphosphatidylinositol-anchored proteins in Arabidopsis. A proteomic and genomic analysis. *Plant Physiology*, **2003**, 132, 568-77	6.4	322
29	Global, quantitative and dynamic mapping of protein subcellular localization. *ELife*, **2016**, 5,	8.6	282
28	Prediction of glycosylphosphatidylinositol-anchored proteins in Arabidopsis. A genomic analysis. *Plant Physiology*, **2002**, 129, 486-99	6.4	164
27	Spatial proteomics: a powerful discovery tool for cell biology. *Nature Reviews Molecular Cell Biology* , **2019**, 20, 285-302	46.7	146
26	Comparative proteomics of clathrin-coated vesicles. *Journal of Cell Biology*, **2006**, 175, 571-8	7.1	132
25	Multivariate proteomic profiling identifies novel accessory proteins of coated vesicles. *Journal of Cell Biology*, **2012**, 197, 141-60	7.1	123
24	Distinct and overlapping roles for AP-1 and GGAs revealed by the "knocksideways" system. *Current Biology*, **2012**, 22, 1711-6	6.1	106
23	Adaptor protein complexes AP-4 and AP-5: new players in endosomal trafficking and progressive spastic paraplegia. *Traffic*, **2013**, 14, 153-64	5.4	93
22	The ER membrane protein complex interacts cotranslationally to enable biogenesis of multipass membrane proteins. *ELife*, **2018**, 7,	8.6	92
21	A Mass Spectrometry-Based Approach for Mapping Protein Subcellular Localization Reveals the Spatial Proteome of Mouse Primary Neurons. *Cell Reports*, **2017**, 20, 2706-2718	10.3	68
20	Role of the AP-5 adaptor protein complex in late endosome-to-Golgi retrieval. *PLoS Biology*, **2018**, 16, e2004411	9.4	62
19	AP-4 vesicles contribute to spatial control of autophagy via RUSC-dependent peripheral delivery of ATG9A. *Nature Communications*, **2018**, 9, 3958	16.9	62
18	Improved elution conditions for native co-immunoprecipitation. *PLoS ONE*, **2011**, 6, e18218	3.6	42
17	A novel disorder reveals clathrin heavy chain-22 is essential for human pain and touch development. *Brain*, **2015**, 138, 2147-60	10.9	38
16	Fractionation profiling: a fast and versatile approach for mapping vesicle proteomes and protein-protein interactions. *Molecular Biology of the Cell*, **2014**, 25, 3178-94	3.4	35
15	Contributions of epsinR and gadkin to clathrin-mediated intracellular trafficking. *Molecular Biology of the Cell*, **2015**, 26, 3085-103	3.4	26

List of Publications

14	CVAK104 is a novel regulator of clathrin-mediated SNARE sorting. *Traffic*, **2007**, 8, 893-903	5.4	25
13	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. *Human Molecular Genetics*, **2020**, 29, 320-334	5.5	24
12	The proteasome biogenesis regulator Rpn4 cooperates with the unfolded protein response to promote ER stress resistance. *ELife*, **2019**, 8,	8.6	22
11	SHRED Is a Regulatory Cascade that Reprograms Ubr1 Substrate Specificity for Enhanced Protein Quality Control during Stress. *Molecular Cell*, **2018**, 70, 1025-1037.e5	17	22
10	Molecular Basis for the Interaction Between AP4 ε and its Accessory Protein, Tepsin. *Traffic*, **2016**, 17, 400-15	5.4	16
9	Organellar Maps Through Proteomic Profiling - A Conceptual Guide. *Molecular and Cellular Proteomics*, **2020**, 19, 1076-1087	7.3	15
8	Small Molecule Enhancers of Endosome-to-Cytosol Import Augment Anti-tumor Immunity. *Cell Reports*, **2020**, 32, 107905	10.3	14
7	Clathrin heavy chain 22 contributes to the control of neuropeptide degradation and secretion during neuronal development. *Scientific Reports*, **2018**, 8, 2340	4.7	9
6	Unbiased proteomic profiling of host cell extracellular vesicle composition and dynamics upon HIV-1 infection. *EMBO Journal*, **2021**, 40, e105492	12.6	9
5	Dynamic Organellar Maps for Spatial Proteomics. *Current Protocols in Cell Biology*, **2019**, 83, e81	2.2	7
4	Role of clathrin in dense core vesicle biogenesis. *Molecular Biology of the Cell*, **2017**, 28, 2676-2685	3.4	4
3	AP-4-mediated axonal transport controls endocannabinoid production in neurons.. *Nature Communications*, **2022**, 13, 1058	16.9	3
2	AP-4 mediates vesicular transport of the 2-AG endocannabinoid producing enzyme DAGLB		2
1	AP-4 vesicles contribute to spatial control of autophagy via RUSC-dependent peripheral delivery of ATG9A		1