

# Georg H H Borner

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,430  
citations

257101

24  
h-index

433756

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

5463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, quantitative and dynamic mapping of protein subcellular localization. <i>ELife</i> , 2016, 5, .	2.8	469
2	Analysis of Detergent-Resistant Membranes in Arabidopsis. Evidence for Plasma Membrane Lipid Rafts. <i>Plant Physiology</i> , 2005, 137, 104-116.	2.3	445
3	Identification of Glycosylphosphatidylinositol-Anchored Proteins in Arabidopsis. A Proteomic and Genomic Analysis. <i>Plant Physiology</i> , 2003, 132, 568-577.	2.3	364
4	Spatial proteomics: a powerful discovery tool for cell biology. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 285-302.	16.1	316
5	Prediction of Glycosylphosphatidylinositol-Anchored Proteins in Arabidopsis. A Genomic Analysis: Table I.. <i>Plant Physiology</i> , 2002, 129, 486-499.	2.3	181
6	Distinct and Overlapping Roles for AP-1 and GGAs Revealed by the “Knocksideways” System. <i>Current Biology</i> , 2012, 22, 1711-1716.	1.8	161
7	The ER membrane protein complex interacts cotranslationally to enable biogenesis of multipass membrane proteins. <i>ELife</i> , 2018, 7, .	2.8	160
8	Multivariate proteomic profiling identifies novel accessory proteins of coated vesicles. <i>Journal of Cell Biology</i> , 2012, 197, 141-160.	2.3	158
9	Comparative proteomics of clathrin-coated vesicles. <i>Journal of Cell Biology</i> , 2006, 175, 571-578.	2.3	145
10	Adaptor Protein Complexes <sc>AP</sc>4 and <sc>AP</sc>5: New Players in Endosomal Trafficking and Progressive Spastic Paraplegia. <i>Traffic</i> , 2013, 14, 153-164.	1.3	119
11	A Mass Spectrometry-Based Approach for Mapping Protein Subcellular Localization Reveals the Spatial Proteome of Mouse Primary Neurons. <i>Cell Reports</i> , 2017, 20, 2706-2718.	2.9	105
12	AP-4 vesicles contribute to spatial control of autophagy via RUSC-dependent peripheral delivery of ATG9A. <i>Nature Communications</i> , 2018, 9, 3958.	5.8	105
13	Role of the AP-5 adaptor protein complex in late endosome-to-Golgi retrieval. <i>PLoS Biology</i> , 2018, 16, e2004411.	2.6	100
14	Improved Elution Conditions for Native Co-Immunoprecipitation. <i>PLoS ONE</i> , 2011, 6, e18218.	1.1	70
15	A novel disorder reveals clathrin heavy chain-22 is essential for human pain and touch development. <i>Brain</i> , 2015, 138, 2147-2160.	3.7	58
16	Contributions of epsinR and gadkin to clathrin-mediated intracellular trafficking. <i>Molecular Biology of the Cell</i> , 2015, 26, 3085-3103.	0.9	58
17	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. <i>Human Molecular Genetics</i> , 2020, 29, 320-334.	1.4	45
18	Fractionation profiling: a fast and versatile approach for mapping vesicle proteomes and protein-protein interactions. <i>Molecular Biology of the Cell</i> , 2014, 25, 3178-3194.	0.9	42

#	ARTICLE	IF	CITATIONS
19	The proteasome biogenesis regulator Rpn4 cooperates with the unfolded protein response to promote ER stress resistance. <i>ELife</i> , 2019, 8, .	2.8	42
20	Small Molecule Enhancers of Endosome-to-Cytosol Import Augment Anti-tumor Immunity. <i>Cell Reports</i> , 2020, 32, 107905.	2.9	40
21	SHRED Is a Regulatory Cascade that Reprograms Ubr1 Substrate Specificity for Enhanced Protein Quality Control during Stress. <i>Molecular Cell</i> , 2018, 70, 1025-1037.e5.	4.5	36
22	Unbiased proteomic profiling of host cell extracellular vesicle composition and dynamics upon HIV-1 infection. <i>EMBO Journal</i> , 2021, 40, e105492.	3.5	36
23	Organellar Maps Through Proteomic Profiling – A Conceptual Guide. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1076-1087.	2.5	32
24	CVAK104 is a Novel Regulator of Clathrin-mediated SNARE Sorting. <i>Traffic</i> , 2007, 8, 893-903.	1.3	29
25	Spatial centrosome proteome of human neural cells uncovers disease-relevant heterogeneity. <i>Science</i> , 2022, 376, .	6.0	25
26	Molecular Basis for the Interaction Between $\text{AP4}^{\text{Î24}}$ and its Accessory Protein, Tepsin. <i>Traffic</i> , 2016, 17, 400-415.	1.3	21
27	Clathrin heavy chain 22 contributes to the control of neuropeptide degradation and secretion during neuronal development. <i>Scientific Reports</i> , 2018, 8, 2340.	1.6	19
28	AP-4-mediated axonal transport controls endocannabinoid production in neurons. <i>Nature Communications</i> , 2022, 13, 1058.	5.8	19
29	Dynamic Organellar Maps for Spatial Proteomics. <i>Current Protocols in Cell Biology</i> , 2019, 83, e81.	2.3	14
30	Role of clathrin in dense core vesicle biogenesis. <i>Molecular Biology of the Cell</i> , 2017, 28, 2676-2685.	0.9	9
31	Spatial Proteomics: A Gateway to Understanding Cell Biology. <i>Proteomics</i> , 2020, 20, e1900328.	1.3	3