

Georg H H Borner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

2,323
citations

21
h-index

34
g-index

34
ext. papers

2,976
ext. citations

9.8
avg, IF

5.33
L-index

#	Paper	IF	Citations
31	AP-4-mediated axonal transport controls endocannabinoid production in neurons.. <i>Nature Communications</i> , 2022 , 13, 1058	16.9	1
30	Unbiased proteomic profiling of host cell extracellular vesicle composition and dynamics upon HIV-1 infection. <i>EMBO Journal</i> , 2021 , 40, e105492	12.6	8
29	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	5.5	22
28	Small Molecule Enhancers of Endosome-to-Cytosol Import Augment Anti-tumor Immunity. <i>Cell Reports</i> , 2020 , 32, 107905	10.3	14
27	Organellar Maps Through Proteomic Profiling - A Conceptual Guide. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 1076-1087	7.3	15
26	Spatial proteomics: a powerful discovery tool for cell biology. <i>Nature Reviews Molecular Cell Biology</i> , 2019 , 20, 285-302	46.7	144
25	Dynamic Organellar Maps for Spatial Proteomics. <i>Current Protocols in Cell Biology</i> , 2019 , 83, e81	2.2	7
24	The proteasome biogenesis regulator Rpn4 cooperates with the unfolded protein response to promote ER stress resistance. <i>ELife</i> , 2019 , 8,	8.6	22
23	Clathrin heavy chain 22 contributes to the control of neuropeptide degradation and secretion during neuronal development. <i>Scientific Reports</i> , 2018 , 8, 2340	4.7	10
22	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	17	22
21	The ER membrane protein complex interacts cotranslationally to enable biogenesis of multipass membrane proteins. <i>ELife</i> , 2018 , 7,	8.6	91
20	Role of the AP-5 adaptor protein complex in late endosome-to-Golgi retrieval. <i>PLoS Biology</i> , 2018 , 16, e2004411	9.4	59
19	AP-4 vesicles contribute to spatial control of autophagy via RUSC-dependent peripheral delivery of ATG9A. <i>Nature Communications</i> , 2018 , 9, 3958	16.9	59
18	Role of clathrin in dense core vesicle biogenesis. <i>Molecular Biology of the Cell</i> , 2017 , 28, 2676-2685	3.4	3
17	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	10.3	65
16	Molecular Basis for the Interaction Between AP4 β and its Accessory Protein, Tepsin. <i>Traffic</i> , 2016 , 17, 400-15	5.4	16
15	Global, quantitative and dynamic mapping of protein subcellular localization. <i>ELife</i> , 2016 , 5,	8.6	274

14	Contributions of epsinR and gadkin to clathrin-mediated intracellular trafficking. <i>Molecular Biology of the Cell</i> , 2015 , 26, 3085-103	3.4	25
13	A novel disorder reveals clathrin heavy chain-22 is essential for human pain and touch development. <i>Brain</i> , 2015 , 138, 2147-60	10.9	39
12	Fractionation profiling: a fast and versatile approach for mapping vesicle proteomes and protein-protein interactions. <i>Molecular Biology of the Cell</i> , 2014 , 25, 3178-94	3.4	35
11	Adaptor protein complexes AP-4 and AP-5: new players in endosomal trafficking and progressive spastic paraplegia. <i>Traffic</i> , 2013 , 14, 153-64	5.4	92
10	Distinct and overlapping roles for AP-1 and GGAs revealed by the "knocksideways" system. <i>Current Biology</i> , 2012 , 22, 1711-6	6.1	105
9	Multivariate proteomic profiling identifies novel accessory proteins of coated vesicles. <i>Journal of Cell Biology</i> , 2012 , 197, 141-60	7.1	123
8	Improved elution conditions for native co-immunoprecipitation. <i>PLoS ONE</i> , 2011 , 6, e18218	3.6	42
7	CVAK104 is a novel regulator of clathrin-mediated SNARE sorting. <i>Traffic</i> , 2007 , 8, 893-903	5.4	25
6	Comparative proteomics of clathrin-coated vesicles. <i>Journal of Cell Biology</i> , 2006 , 175, 571-8	7.1	131
5	Analysis of detergent-resistant membranes in Arabidopsis. Evidence for plasma membrane lipid rafts. <i>Plant Physiology</i> , 2005 , 137, 104-16	6.4	391
4	Identification of glycosylphosphatidylinositol-anchored proteins in Arabidopsis. A proteomic and genomic analysis. <i>Plant Physiology</i> , 2003 , 132, 568-77	6.4	319
3	Prediction of glycosylphosphatidylinositol-anchored proteins in Arabidopsis. A genomic analysis. <i>Plant Physiology</i> , 2002 , 129, 486-99	6.4	162
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