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List of Publications by Year
in descending order

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Version: 2024-02-01

80 papers	12,178 citations	76326 40 h-index	69250 77 g-index
82 all docs	82 docs citations	82 times ranked	21277 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Role of Translocation in the Activation and Function of Protein Kinase B. Journal of Biological Chemistry, 1997, 272, 31515-31524.	3.4	908
3	Mitochondrial remnant organelles of Giardia function in iron-sulphur protein maturation. Nature, 2003, 426, 172-176.	27.8	526
4	FAPPs control Golgi-to-cell-surface membrane traffic by binding to ARF and PtdIns(4)P. Nature Cell Biology, 2004, 6, 393-404.	10.3	479
5	A mitochondrial remnant in the microsporidian Trachipleistophora hominis. Nature, 2002, 418, 865-869.	27.8	396
6	Antigen processing and class II MHC peptide-loading compartments in human B-lymphoblastoid cells. Nature, 1994, 369, 147-151.	27.8	348
7	Subcellular localization of phosphatidylinositol 4,5-bisphosphate using the pleckstrin homology domain of phospholipase C Î´1. Biochemical Journal, 2002, 363, 657-666.	3.7	303
8	A Novel Domain in AMP-Activated Protein Kinase Causes Glycogen Storage Bodies Similar to Those Seen in Hereditary Cardiac Arrhythmias. Current Biology, 2003, 13, 861-866.	3.9	295
9	Essential role of PDK1 in regulating cell size and development in mice. EMBO Journal, 2002, 21, 3728-3738.	7.8	282
10	A novel route for ATP acquisition by the remnant mitochondria of Encephalitozoon cuniculi. Nature, 2008, 453, 553-556.	27.8	222
11	Subcellular localization of phosphatidylinositol 4,5-bisphosphate using the pleckstrin homology domain of phospholipase C Î´1. Biochemical Journal, 2002, 363, 657.	3.7	219
12	The coiled-coil membrane protein golgin-84 is a novel rab effector required for Golgi ribbon formation. Journal of Cell Biology, 2003, 160, 201-212.	5.2	212
13	Probing phosphoinositide functions in signaling and membrane trafficking. Trends in Cell Biology, 2005, 15, 259-268.	7.9	209
14	Caspase-mediated cleavage of the stacking protein GRASP65 is required for Golgi fragmentation during apoptosis. Journal of Cell Biology, 2002, 156, 495-509.	5.2	207
15	Deficiency of PDK1 in cardiac muscle results in heart failure and increased sensitivity to hypoxia. EMBO Journal, 2003, 22, 4666-4676.	7.8	166
16	Inhibition of Autophagy in Mitotic Animal Cells. Traffic, 2002, 3, 878-893.	2.7	163
17	<scp>mTOR</scp> activates the <scp>VPS</scp> 34â€“ <scp>UVRAG</scp> complex to regulate autolysosomal tubulation and cell survival. EMBO Journal, 2015, 34, 2272-2290.	7.8	148
18	Localization of agonist-sensitive PtdIns(3,4,5)P3 reveals a nuclear pool that is insensitive to PTEN expression. Journal of Cell Science, 2006, 119, 5160-5168.	2.0	137

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19	Dendritic cell podosomes are protrusive and invade the extracellular matrix using metalloproteinase MMP-14. Journal of Cell Science, 2010, 123, 1427-1437.	2.0	133
20	The Genome of the Obligate Intracellular Parasite Trachipleistophora hominis: New Insights into Microsporidian Genome Dynamics and Reductive Evolution. PLoS Pathogens, 2012, 8, e1002979.	4.7	127
21	TPL2-mediated activation of ERK1 and ERK2 regulates the processing of pre-TNFÎ± in LPS-stimulated macrophages. Journal of Cell Science, 2008, 121, 149-154.	2.0	124
22	Mutation of the PDK1 PH Domain Inhibits Protein Kinase B/Akt, Leading to Small Size and Insulin Resistance. Molecular and Cellular Biology, 2008, 28, 3258-3272.	2.3	115
23	A Rapid Method for Assessing the Distribution of Gold Labeling on Thin Sections. Journal of Histochemistry and Cytochemistry, 2004, 52, 991-1000.	2.5	83
24	Plasma Membrane-Located Purine Nucleotide Transport Proteins Are Key Components for Host Exploitation by Microsporidian Intracellular Parasites. PLoS Pathogens, 2014, 10, e1004547.	4.7	69
25	The dynamics of engineered resident proteins in the mammalian Golgi complex relies on cisternal maturation. Journal of Cell Biology, 2013, 201, 1027-1036.	5.2	68
26	The immunofluorescent era of membrane traffic. Trends in Cell Biology, 1993, 3, 214-219.	7.9	67
27	Evolutionary conservation and in vitro reconstitution of microsporidian ironâ€“sulfur cluster biosynthesis. Nature Communications, 2017, 8, 13932.	12.8	67
28	Monitoring the Rab27 associated exosome pathway using nanoparticle tracking analysis. Experimental Cell Research, 2013, 319, 1706-1713.	2.6	66
29	Antibodies for immunolabeling by light and electron microscopy: not for the faint hearted. Histochemistry and Cell Biology, 2014, 142, 347-360.	1.7	65
30	Evidence for Prebudding Arrest of ER Export in Animal Cell Mitosis and its Role in Generating Golgi Partitioning Intermediates. Traffic, 2001, 2, 321-335.	2.7	51
31	Developments in cell biology for quantitative immunoelectron microscopy based on thin sections: a review. Histochemistry and Cell Biology, 2008, 130, 299-313.	1.7	50
32	Strategies for maximizing ATP supply in the microsporidianEncephalitozoon cuniculi: direct binding of mitochondria to the parasitophorous vacuole and clustering of the mitochondrial porin VDAC. Cellular Microbiology, 2014, 16, 565-579.	2.1	50
33	Cutting a fine figure. Autophagy, 2013, 9, 1443-1448.	9.1	49
34	Carbonic Anhydrase Isoenzymes I, II, III, and IV Are Present in Human Esophageal Epithelium. Journal of Histochemistry and Cytochemistry, 1997, 45, 35-40.	2.5	48
35	A simpler way of comparing the labelling densities of cellular compartments illustrated using data from VPARP and LAMP-1 immunogold labelling experiments. Histochemistry and Cell Biology, 2003, 119, 333-341.	1.7	48
36	Probing the Structure of the Mechanosensitive Channel of Small Conductance in Lipid Bilayers with Pulsed Electron-Electron Double Resonance. Biophysical Journal, 2014, 106, 834-842.	0.5	48

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37	Endoplasmic reticulum positioning and partitioning in mitotic HeLa cells. Journal of Anatomy, 2005, 206, 415-425.	1.5	45
38	The Manganese Cation Disrupts Membrane Dynamics along the Secretory Pathway. Experimental Cell Research, 2000, 259, 167-179.	2.6	43
39	Applications of an efficient method for comparing immunogold labelling patterns in the same sets of compartments in different groups of cells. Histochemistry and Cell Biology, 2004, 122, 171-7.	1.7	43
40	Antigen endocytosis and presentation mediated by human membrane IgG1 in the absence of the IgÎ±/IgÎ²2 dimer. EMBO Journal, 1997, 16, 3842-3850.	7.8	41
41	Fungal Hydrogenosomes Contain Mitochondrial Heat-Shock Proteins. Molecular Biology and Evolution, 2003, 20, 1051-1061.	8.9	39
42	Immunolocalisation of phospholipase D1 on tubular vesicular membranes of endocytic and secretory origin. European Journal of Cell Biology, 2001, 80, 508-520.	3.6	38
43	Real-time probing of Î²-amyloid self-assembly and inhibition using fluorescence self-quenching between neighbouring dyes. Molecular BioSystems, 2014, 10, 34-44.	2.9	37
44	Chapter 4 Quantification of Structures and Gold Labeling in Transmission Electron Microscopy. Methods in Cell Biology, 2008, 88, 59-82.	1.1	34
45	Unbiased 3-D quantitation of ultrastructure in cell biology. Trends in Cell Biology, 1993, 3, 354-358.	7.9	33
46	Low Extracellular pH Induces Activation of ERK 2, JNK, and p38 in A431 and Swiss 3T3 Cells. Biochemical and Biophysical Research Communications, 1997, 241, 236-242.	2.1	33
47	Biosynthesis of magnetic nanoparticles by human mesenchymal stem cells following transfection with the magnetotactic bacterial gene mms6. Scientific Reports, 2017, 7, 39755.	3.3	33
48	Altered ceramide metabolism is a feature in the extracellular vesicle-mediated spread of alpha-synuclein in Lewy body disorders. Acta Neuropathologica, 2021, 142, 961-984.	7.7	31
49	Enhanced imaging of lipid rich nanoparticles embedded in methylcellulose films for transmission electron microscopy using mixtures of heavy metals. Micron, 2017, 99, 40-48.	2.2	28
50	Quantifying Golgi structure using EM: combining volume-SEM and stereology for higher throughput. Histochemistry and Cell Biology, 2017, 147, 653-669.	1.7	26
51	ERp29, a general endoplasmic reticulum marker, is highly expressed throughout the brain. Journal of Comparative Neurology, 2004, 477, 29-42.	1.6	25
52	Mimicking mitotic Golgi disassembly using okadaic acid. Journal of Cell Science, 1992, 103, 875-880.	2.0	24
53	Ultrastructural Localization of Keratin Proteins in Human Skin Using Low-Temperature Embedding and the Protein A-Gold Technique. Journal of Investigative Dermatology, 1985, 84, 69-72.	0.7	23
54	ERK2 Signalling from Internalised Epidermal Growth Factor Receptor in Broken A431 Cells. Cellular Signalling, 1998, 10, 339-348.	3.6	23

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55	The bulk-flow hypothesis: not quite the end. Trends in Cell Biology, 1995, 5, 9-13.	7.9	22
56	The Pathway of Golgi Cluster Formation in Okadaic Acid-Treated Cells. Journal of Structural Biology, 1995, 115, 318-330.	2.8	22
57	Quantifying immunogold labelling patterns of cellular compartments when they comprise mixtures of membranes (surface-occupying) and organelles (volume-occupying). Histochemistry and Cell Biology, 2008, 129, 367-378.	1.7	22
58	Can data provenance go the full monty?. Trends in Cell Biology, 2012, 22, 229-230.	7.9	22
59	GABAA Î±6-Containing Receptors Are Selectively Compromised in Cerebellar Granule Cells of the Ataxic Mouse, Stargazer. Journal of Biological Chemistry, 2007, 282, 29130-29143.	3.4	21
60	Quantitative Assessment of Specificity in Immunoelectron Microscopy. Journal of Histochemistry and Cytochemistry, 2010, 58, 917-927.	2.5	21
61	Multiple-labelling immunoEM using different sizes of colloidal gold: alternative approaches to test for differential distribution and colocalization in subcellular structures. Histochemistry and Cell Biology, 2011, 135, 317-326.	1.7	20
62	Systems biology in 3D space â€“ enter the morphome. Trends in Cell Biology, 2015, 25, 59-64.	7.9	19
63	Electron microscopy applications for quantitative cellular microbiology. Technoreview. Cellular Microbiology, 2001, 3, 659-668.	2.1	18
64	Nanoparticle suspensions enclosed in methylcellulose: a new approach for quantifying nanoparticles in transmission electron microscopy. Scientific Reports, 2016, 6, 25275.	3.3	18
65	Okadaic Acid Induces Selective Arrest of Protein Transport in the Rough Endoplasmic Reticulum and Prevents Export into COPII-Coated Structures. Molecular and Cellular Biology, 1998, 18, 1125-1135.	2.3	17
66	The invasive cell coat at the microsporidian Trachipleistophora hominisâ€“host cell interface contains secreted hexokinases. MicrobiologyOpen, 2019, 8, e00696.	3.0	16
67	From gross anatomy to the nanomorphome: stereological tools provide a paradigm for advancing research in quantitative morphomics. Journal of Anatomy, 2015, 226, 309-321.	1.5	14
68	Advances in Procedures for the Detection and Localization of Inositol Phospholipid Signals in Cells, Tissues, and Enzyme Assays. Methods in Enzymology, 2003, 366, 64-84.	1.0	13
69	A Stereological Approach for Estimation of Cellular Immunogold Labeling and Its Spatial Distribution in Oriented Sections Using the Rotator. Journal of Histochemistry and Cytochemistry, 2009, 57, 709-719.	2.5	11
70	Localizing the lipid products of PI3KÎ³ in neutrophils. Advances in Biological Regulation, 2016, 60, 36-45.	2.3	11
71	Efficient quantitative morphological phenotyping of genetically altered organisms using stereology. Transgenic Research, 2007, 16, 133-145.	2.4	9
72	p38 MAPK regulates COPII recruitment. Biochemical and Biophysical Research Communications, 2007, 363, 317-321.	2.1	8

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73	Quantitative immunoelectron microscopy reveals Î±2,6 sialyltransferase is concentrated in the central cisternae of rat hepatocyte Golgi apparatus. European Journal of Cell Biology, 1998, 76, 18-24.	3.6	7
74	CHARACTERIZATION AND REGULATION OF CONSTITUTIVE TRANSPORT INTERMEDIATES INVOLVED IN TRAFFICKING FROM THE TRANS -GOLGI NETWORK. Cell Biology International, 2001, 25, 705-713.	3.0	6
75	Phospholipase C-Î·2 interacts with nuclear and cytoplasmic LIMK-1 during retinoic acid-stimulated neurite growth. Histochemistry and Cell Biology, 2016, 145, 163-173.	1.7	5
76	Selective adsorption: A new method for purification of protein A-gold complexes. , 1996, 35, 314-319.		2
77	Developing Electron Microscopy Tools for Profiling Plasma Lipoproteins Using Methyl Cellulose Embedment, Machine Learning and Immunodetection of Apolipoprotein B and Apolipoprotein(a). International Journal of Molecular Sciences, 2020, 21, 6373.	4.1	2
78	Fancy a book on immunocytochemistry?. Trends in Cell Biology, 1995, 5, 332-333.	7.9	1
79	Quantitative EM techniques. , 2006, , .		1
80	A ghost in the cellular machine. Trends in Biochemical Sciences, 1998, 23, 317.	7.5	0