Georg Ramm

List of Publications by Year
in descending order

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64 papers	8,482 citations	101543 36 h-index	106344 65 g-index
72 all docs	72 docs citations	72 times ranked	17022 citing authors

#	Article	IF	Citations
1	Pharmacologic Reduction of Mitochondrial Iron Triggers a Noncanonical BAX/BAK-Dependent Cell Death. Cancer Discovery, 2022, 12, 774-791.	9.4	18
2	UL34 Deletion Restricts Human Cytomegalovirus Capsid Formation and Maturation. International Journal of Molecular Sciences, 2022, 23, 5773.	4.1	3
3	Metformin rescues muscle function in BAG3 myofibrillar myopathy models. Autophagy, 2021, 17, 2494-2510.	9.1	22
4	TEM, SEM, and STEM-based immuno-CLEM workflows offer complementary advantages. Scientific Reports, 2021, 11, 899.	3.3	9
5	Mechanism of NanR gene repression and allosteric induction of bacterial sialic acid metabolism. Nature Communications, 2021, 12, 1988.	12.8	16
6	INPP4B promotes PI3KÎ±-dependent late endosome formation and Wnt/Î²-catenin signaling in breast cancer. Nature Communications, 2021, 12, 3140.	12.8	30
7	Antifungal versus antibacterial defence of insect wings. Journal of Colloid and Interface Science, 2021, 603, 886-897.	9.4	27
8	Metabolic characteristics of CD8+ T cell subsets in young and aged individuals are not predictive of functionality. Nature Communications, 2020, 11, 2857.	12.8	33
9	KBTBD13 is an actin-binding protein that modulates muscle kinetics. Journal of Clinical Investigation, 2020, 130, 754-767.	8.2	25
10	RNF41 regulates the damage recognition receptor Clec9A and antigen cross-presentation in mouse dendritic cells. ELife, 2020, 9, .	6.0	16
11	Electron Ptychography of Single Biological Macromolecules. Microscopy and Microanalysis, 2019, 25, 72-73.	0.4	2
12	The cryo-EM structure of the acid activatable pore-forming immune effector Macrophage-expressed gene 1. Nature Communications, 2019, 10, 4288.	12.8	65
13	Limiting Neuronal Nogo Receptor 1 Signaling during Experimental Autoimmune Encephalomyelitis Preserves Axonal Transport and Abrogates Inflammatory Demyelination. Journal of Neuroscience, 2019, 39, 5562-5580.	3.6	16
14	BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. Science, 2018, 359, .	12.6	581
15	Methods in renal research: Measurement of autophagic flux in the renal cortex ex vivo. Nephrology, 2018, 23, 815-820.	1.6	1
16	Testing of therapies in a novel nebulin nemaline myopathy model demonstrate a lack of efficacy. Acta Neuropathologica Communications, 2018, 6, 40.	5.2	19
17	Helicobacter pylori Outer Membrane Vesicle Size Determines Their Mechanisms of Host Cell Entry and Protein Content. Frontiers in Immunology, 2018, 9, 1466.	4.8	139
18	The first transmembrane region of complement component-9 acts as a brake on its self-assembly. Nature Communications, 2018, 9, 3266.	12.8	56

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19	Outer membrane vesicles from Neisseria gonorrhoeae target PorB to mitochondria and induce apoptosis. PLoS Pathogens, 2018, 14, e1006945.	4.7	105
20	INPP5E regulates phosphoinositide-dependent cilia transition zone function. Journal of Cell Biology, 2017, 216, 247-263.	5.2	101
21	Overcoming Monocarboxylate Transporter 8 (MCT8)-Deficiency to Promote Human Oligodendrocyte Differentiation and Myelination. EBioMedicine, 2017, 25, 122-135.	6.1	27
22	Lung Basal Stem Cells Rapidly Repair DNA Damage Using the Error-Prone Nonhomologous End-Joining Pathway. PLoS Biology, 2017, 15, e2000731.	5.6	37
23	An ultrastructural investigation of tumors undergoing regression mediated by immunotherapy. Oncotarget, 2017, 8, 115215-115229.	1.8	6
24	Variants in the Oxidoreductase PYROXD1 Cause Early-Onset Myopathy with Internalized Nuclei and Myofibrillar Disorganization. American Journal of Human Genetics, 2016, 99, 1086-1105.	6.2	45
25	Structure of the poly-C9 component of the complement membrane attack complex. Nature Communications, 2016, 7, 10588.	12.8	112
26	Atg8 family LC3/GABARAP proteins are crucial for autophagosomeâ€“lysosome fusion but not autophagosome formation during PINK1/Parkin mitophagy and starvation. Journal of Cell Biology, 2016, 215, 857-874.	5.2	487
27	Deficiency in Apoptosis-Inducing Factor Recapitulates Chronic Kidney Disease via Aberrant Mitochondrial Homeostasis. Diabetes, 2016, 65, 1085-1098.	0.6	47
28	FLNC myofibrillar myopathy results from impaired autophagy and protein insufficiency. Human Molecular Genetics, 2016, 25, 2131-2142.	2.9	44
29	Podocyte-specific Nox4 deletion affords renoprotection in a mouse model of diabetic nephropathy. Diabetologia, 2016, 59, 379-389.	6.3	114
30	Assembly of the secretion pores <scp>GspD</scp>, <scp>W</scp>za and <scp>CsgG</scp> into bacterial outer membranes does not require the <scp>O</scp>mp85 proteins <scp>BamA</scp> or <scp>TamA</scp>. Molecular Microbiology, 2015, 97, 616-629.	2.5	47
31	Increased Outer Membrane Vesicle Formation in a Helicobacter pylori tolB Mutant. Helicobacter, 2015, 20, 269-283.	3.5	82
32	Zebrafish models for nemaline myopathy reveal a spectrum of nemaline bodies contributing to reduced muscle function. Acta Neuropathologica, 2015, 130, 389-406.	7.7	47
33	Tetraspanin CD37 Regulates Î²2 Integrinâ€“Mediated Adhesion and Migration in Neutrophils. Journal of Immunology, 2015, 195, 5770-5779.	0.8	31
34	High-fat diet increases autophagic flux in pancreatic beta cells in vivo and ex vivo in mice. Diabetologia, 2015, 58, 2074-2078.	6.3	50
35	An Improved Procedure for Subcellular Spatial Alignment during Live-Cell CLEM. PLoS ONE, 2014, 9, e95967.	2.5	16
36	Immuno Correlative Light and Electron Microscopy on Tokuyasu Cryosections. Methods in Cell Biology, 2014, 124, 241-258.	1.1	20

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37	Zebrafish models of BAG3 myofibrillar myopathy suggest a toxic gain of function leading to BAG3 insufficiency. Acta Neuropathologica, 2014, 128, 821-833.	7.7	67
38	Live-Cell CLEM of Subcellular Targets. Methods in Cell Biology, 2014, 124, 275-303.	1.1	5
39	The protonophore CCCP interferes with lysosomal degradation of autophagic cargo in yeast and mammalian cells. Autophagy, 2013, 9, 1862-1875.	9.1	78
40	The Functions of Mediator in Candida albicans Support a Role in Shaping Species-Specific Gene Expression. PLoS Genetics, 2012, 8, e1002613.	3.5	50
41	Deregulated Stat3 signaling dissociates pulmonary inflammation from emphysema in gp130 mutant mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L627-L639.	2.9	35
42	The Rab GTPase-Activating Protein TBC1D4/AS160 Contains an Atypical Phosphotyrosine-Binding Domain That Interacts with Plasma Membrane Phospholipids To Facilitate GLUT4 Trafficking in Adipocytes. Molecular and Cellular Biology, 2012, 32, 4946-4959.	2.3	58
43	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
44	HcRed, a Genetically Encoded Fluorescent Binary Cross-Linking Agent for Cross-Linking of Mitochondrial ATP Synthase in Saccharomyces cerevisiae. PLoS ONE, 2012, 7, e35095.	2.5	1
45	Nonplasmacytoid, High IFN-Î±â€“Producing, Bone Marrow Dendritic Cells. Journal of Immunology, 2012, 188, 3774-3783.	0.8	13
46	The evolution of new lipoprotein subunits of the bacterial outer membrane BAM complex. Molecular Microbiology, 2012, 84, 832-844.	2.5	65
47	The Burkholderia pseudomallei Type III Secretion System and BopA Are Required for Evasion of LC3-Associated Phagocytosis. PLoS ONE, 2011, 6, e17852.	2.5	140
48	Role for the Burkholderia pseudomallei Type Three Secretion System Cluster 1 bpscN Gene in Virulence. Infection and Immunity, 2011, 79, 3659-3664.	2.2	28
49	The serine/threonine kinase ULK1 is a target of multiple phosphorylation events. Biochemical Journal, 2011, 440, 283-291.	3.7	203
50	Cluster Analysis of Insulin Action in Adipocytes Reveals a Key Role for Akt at the Plasma Membrane. Journal of Biological Chemistry, 2010, 285, 2245-2257.	3.4	45
51	Dissecting the Mechanism of Insulin Resistance Using a Novel Heterodimerization Strategy to Activate Akt. Journal of Biological Chemistry, 2010, 285, 5232-5239.	3.4	16
52	Rapid Activation of Akt2 Is Sufficient to Stimulate GLUT4 Translocation in 3T3-L1 Adipocytes. Cell Metabolism, 2008, 7, 348-356.	16.2	159
53	CaMKII-Mediated Phosphorylation of the Myosin Motor Myo1c Is Required for Insulin-Stimulated GLUT4 Translocation in Adipocytes. Cell Metabolism, 2008, 8, 384-398.	16.2	95
54	The GLUT4 Code. Molecular Endocrinology, 2008, 22, 226-233.	3.7	79

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55	Regulation of Glucose Transporter 4 Translocation by the Rab Guanosine Triphosphatase-Activating Protein AS160/TBC1D4: Role of Phosphorylation and Membrane Association. Molecular Endocrinology, 2008, 22, 2703-2715.	3.7	56
56	The subcellular fractionation properties and function of insulin receptor substrate-1 (IRS-1) are independent of cytoskeletal integrity. International Journal of Biochemistry and Cell Biology, 2006, 38, 1686-1699.	2.8	8
57	Interleukin-6 Increases Insulin-Stimulated Glucose Disposal in Humans and Glucose Uptake and Fatty Acid Oxidation In Vitro via AMP-Activated Protein Kinase. Diabetes, 2006, 55, 2688-2697.	0.6	699
58	A Role for 14-3-3 in Insulin-stimulated GLUT4 Translocation through Its Interaction with the RabGAP AS160. Journal of Biological Chemistry, 2006, 281, 29174-29180.	3.4	185
59	Characterization of the Role of the Rab GTPase-activating Protein AS160 in Insulin-regulated GLUT4 Trafficking. Journal of Biological Chemistry, 2005, 280, 37803-37813.	3.4	330
60	GLUT4 trafficking in a test tube. Cell Metabolism, 2005, 2, 150-152.	16.2	10
61	Endosomes: multipurpose designs for integrating housekeeping and specialized tasks. Histochemistry and Cell Biology, 2002, 117, 91-104.	1.7	66
62	Reorganization of multivesicular bodies regulates MHC class II antigen presentation by dendritic cells. Journal of Cell Biology, 2001, 155, 53-64.	5.2	256
63	Biogenesis of Insulin-Responsive GLUT4 Vesicles is Independent of Brefeldin A-Sensitive Trafficking. Traffic, 2000, 1, 652-660.	2.7	44
64	Insulin Recruits GLUT4 from Specialized VAMP2-carrying Vesicles as well as from the Dynamic Endosomal/Trans-Golgi Network in Rat Adipocytes.. Molecular Biology of the Cell, 2000, 11, 4079-4091.	2.1	68