Carles Rentero

List of Publications by Year
in descending order

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66	3,670	126708	138251
papers	citations	33 h-index	58 g-index

67	67	67	5761
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel therapeutic avenues for the study of chronic liver disease and regeneration: The foundation of the Iberoamerican Consortium for the study of liver Cirrhosis. GastroenterologÃa Y HepatologÃa, 2023, 46, 322-328.	0.2	0
2	Annexin A6 and NPC1 regulate LDL-inducible cell migration and distribution of focal adhesions. Scientific Reports, 2022, 12, 596.	1.6	11
3	Linking Late Endosomal Cholesterol with Cancer Progression and Anticancer Drug Resistance. International Journal of Molecular Sciences, 2022, 23, 7206.	1.8	7
4	Annexin Animal Modelsâ€"From Fundamental Principles to Translational Research. International Journal of Molecular Sciences, 2021, 22, 3439.	1.8	33
5	Lack of Annexin A6 Exacerbates Liver Dysfunction and Reduces Lifespan of Niemann-Pick Type C Proteinâ€"Deficient Mice. American Journal of Pathology, 2021, 191, 475-486.	1.9	3
6	KRAS phosphorylation regulates cell polarization and tumorigenic properties in colorectal cancer. Oncogene, 2021, 40, 5730-5740.	2.6	5
7	Annexins Bridging the Gap: Novel Roles in Membrane Contact Site Formation. Frontiers in Cell and Developmental Biology, 2021, 9, 797949.	1.8	10
8	Annexin A6 modulates TBC1D15/Rab7/StARD3 axis to control endosomal cholesterol export in NPC1 cells. Cellular and Molecular Life Sciences, 2020, 77, 2839-2857.	2.4	54
9	Annexin A6 improves antiâ€migratory and antiâ€invasive properties of tyrosine kinase inhibitors in EGFR overexpressing human squamous epithelial cells. FEBS Journal, 2020, 287, 2961-2978.	2.2	12
10	Selective Degradation Permits a Feedback Loop Controlling Annexin A6 and Cholesterol Levels in Endolysosomes of NPC1 Mutant Cells. Cells, 2020, 9, 1152.	1.8	12
11	Pleiotropic Roles of Calmodulin in the Regulation of KRas and Rac1 GTPases: Functional Diversity in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 3680.	1.8	9
12	Annexin A6 Is Critical to Maintain Glucose Homeostasis and Survival During Liver Regeneration in Mice. Hepatology, 2020, 72, 2149-2164.	3.6	20
13	Annexins in Adipose Tissue: Novel Players in Obesity. International Journal of Molecular Sciences, 2019, 20, 3449.	1.8	27
14	Cholesterol Overload: Contact Sites to the Rescue!. Contact (Thousand Oaks (Ventura County, Calif) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	12
15	Annexinsâ€"Coordinators of Cholesterol Homeostasis in Endocytic Pathways. International Journal of Molecular Sciences, 2018, 19, 1444.	1.8	48
16	GTPases Rac1 and Ras Signaling from Endosomes. Progress in Molecular and Subcellular Biology, 2018, 57, 65-105.	0.9	10
17	Altered hepatic glucose homeostasis in AnxA6-KO mice fed a high-fat diet. PLoS ONE, 2018, 13, e0201310.	1.1	18
18	Annexin A6â€"A multifunctional scaffold in cell motility. Cell Adhesion and Migration, 2017, 11, 288-304.	1.1	53

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19	Annexin A6 in the liver: From the endocytic compartment to cellular physiology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 933-946.	1.9	52
20	Annexin A6 regulates adipocyte lipid storage and adiponectin release. Molecular and Cellular Endocrinology, 2017, 439, 419-430.	1.6	20
21	Role of hepatic Annexin A6 in fatty acid-induced lipid droplet formation. Experimental Cell Research, 2017, 358, 397-410.	1.2	17
22	ROCK1 is a novel Rac1 effector to regulate tubular endocytic membrane formation during clathrin-independent endocytosis. Scientific Reports, 2017, 7, 6866.	1.6	22
23	Annexins: Ca2+ Effectors Determining Membrane Trafficking in the Late Endocytic Compartment. Advances in Experimental Medicine and Biology, 2017, 981, 351-385.	0.8	19
24	Annexins â€“ insights from knockout mice. Biological Chemistry, 2016, 397, 1031-1053.	1.2	64
25	Annexin A6 and Late Endosomal Cholesterol Modulate Integrin Recycling and Cell Migration. Journal of Biological Chemistry, 2016, 291, 1320-1335.	1.6	43
26	Annexin A6 regulates interleukinâ€2â€mediated Tâ€cell proliferation. Immunology and Cell Biology, 2016, 94, 543-553.	1.0	26
27	Activation of Endothelial Nitric Oxide (eNOS) Occurs through Different Membrane Domains in Endothelial Cells. PLoS ONE, 2016, 11, e0151556.	1.1	25
28	AMPK activation promotes lipid droplet dispersion on detyrosinated microtubules to increase mitochondrial fatty acid oxidation. Nature Communications, 2015, 6, 7176.	5.8	215
29	Role of cholesterol in SNARE-mediated trafficking on intracellular membranes. Journal of Cell Science, 2015, 128, 1071-81.	1.2	53
30	The MAL protein is crucial for proper membrane condensation at the ciliary base, which is required for primary cilium elongation. Journal of Cell Science, 2015, 128, 2261-2270.	1.2	19
31	The cross-talk of LDL-cholesterol with cell motility: Insights from the Niemann Pick Type C1 mutation and altered integrin trafficking. Cell Adhesion and Migration, 2015, 9, 384-391.	1.1	17
32	Evidence for annexin <scp>A</scp>6â€dependent plasma membrane remodelling of lipid domains. British Journal of Pharmacology, 2015, 172, 1677-1690.	2.7	38
33	Annexins and Endosomal Signaling. Methods in Enzymology, 2014, 535, 55-74.	0.4	8
34	The biliary epithelium gives rise to liver progenitor cells. Hepatology, 2014, 60, 1367-1377.	3.6	158
35	Annexins â€" Scaffolds modulating PKC localization and signaling. Cellular Signalling, 2014, 26, 1213-1225.	1.7	49
36	Cholesterol Regulates Syntaxin 6 Trafficking at trans-Golgi Network Endosomal Boundaries. Cell Reports, 2014, 7, 883-897.	2.9	104

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37	Dynamics of KRas on endosomes: involvement of acidic phospholipids in its association. FASEB Journal, 2014, 28, 3023-3037.	0.2	17
38	Cell-to-Cell Heterogeneity in Lipid Droplets Suggests a Mechanism to Reduce Lipotoxicity. Current Biology, 2013, 23, 1489-1496.	1.8	152
39	Annexin A6 is a scaffold for PKCÎ± to promote EGFR inactivation. Oncogene, 2013, 32, 2858-2872.	2.6	64
40	Inhibition of Mitogen-Activated Protein Kinase Erk1/2 Promotes Protein Degradation of ATP Binding Cassette Transporters A1 and G1 in CHO and HuH7 Cells. PLoS ONE, 2013, 8, e62667.	1.1	35
41	Signal Transduction Pathways Provide Opportunities to Enhance HDL and apoAI-Dependent Reverse Cholesterol Transport. Current Pharmaceutical Biotechnology, 2012, 13, 352-364.	0.9	21
42	Sphingomyelin organization is required for vesicle biogenesis at the Golgi complex. EMBO Journal, 2012, 31, 4535-4546.	3.5	74
43	A palmitoylation switch mechanism regulates Rac1 function and membrane organization. EMBO Journal, 2012, 31, 534-551.	3.5	150
44	Quantitative imaging of membrane lipid order in cells and organisms. Nature Protocols, 2012, 7, 24-35.	5.5	364
45	Caveolin-1-Mediated Apolipoprotein A-I Membrane Binding Sites Are Not Required for Cholesterol Efflux. PLoS ONE, 2011, 6, e23353.	1.1	13
46	Rac1 and Calmodulin Interactions Modulate Dynamics of ARF6â€Dependent Endocytosis. Traffic, 2011, 12, 1879-1896.	1.3	26
47	Annexin A6â€"Linking Ca2+ signaling with cholesterol transport. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 935-947.	1.9	77
48	Annexin A6 is an organizer of membrane microdomains to regulate receptor localization and signalling. IUBMB Life, 2011, 63, 1009-1017.	1.5	58
49	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. Molecular Biology of the Cell, 2011, 22, 4108-4123.	0.9	59
50	Cholesterol transport from late endosomes to the Golgi regulates t-SNARE trafficking, assembly, and function. Molecular Biology of the Cell, 2011, 22, 4108-4123.	0.9	36
51	PALM imaging and cluster analysis of protein heterogeneity at the cell surface. Journal of Biophotonics, 2010, 3, 446-454.	1.1	248
52	Annexin A6-regulator of the EGFR/Ras signalling pathway and cholesterol homeostasis. International Journal of Biochemistry and Cell Biology, 2010, 42, 580-584.	1.2	66
53	Actin Dynamics Drive Membrane Reorganization and Scission in Clathrin-Independent Endocytosis. Cell, 2010, 140, 540-553.	13.5	226
54	Cyclosporin A Decreases Apolipoprotein E Secretion from Human Macrophages via a Protein Phosphatase 2B-dependent and ATP-binding Cassette Transporter A1 (ABCA1)-independent Pathway. Journal of Biological Chemistry, 2009, 284, 24144-24154.	1.6	23

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55	Leukocyte Ig-like Receptor B4 (LILRB4) Is a Potent Inhibitor of FcÎ³RI-mediated Monocyte Activation via Dephosphorylation of Multiple Kinases. Journal of Biological Chemistry, 2009, 284, 34839-34848.	1.6	51
56	Caveolin-1-dependent and -independent membrane domains. Journal of Lipid Research, 2009, 50, 1609-1620.	2.0	24
57	Annexin A6 inhibits Ras signalling in breast cancer cells. Oncogene, 2009, 28, 363-377.	2.6	65
58	Quantitative Microscopy: Protein Dynamics and Membrane Organisation. Traffic, 2009, 10, 962-971.	1.3	132
59	LILRA5 is expressed by synovial tissue macrophages in rheumatoid arthritis, selectively induces proâ€inflammatory cytokines and ILâ€10 and is regulated by TNFâ€Î±, ILâ€10 and IFNâ€Î³. European Journal of Immunology, 2008, 38, 3459-3473.	1.6	38
60	Membrane Domains as Signaling Centers in Macrophages and T-Cells: From Concepts to Experiments. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2008, 8, 336-348.	0.5	1
61	Functional Implications of Plasma Membrane Condensation for T Cell Activation. PLoS ONE, 2008, 3, e2262.	1.1	96
62	Plasma membrane segregation during T cell activation: probing the order of domains. Current Opinion in Immunology, 2007, 19, 470-475.	2.4	67
63	Specific use of start codons and cellular localization of splice variants of human phosphodiesterase 9A gene. BMC Molecular Biology, 2006, 7, 39.	3.0	12
64	Inhibition of H-Ras and MAPK is compensated by PKC-dependent pathways in annexin A6 expressing cells. Cellular Signalling, 2006, 18, 1006-1016.	1.7	35
65	Annexin A6 stimulates the membrane recruitment of p120GAP to modulate Ras and Raf-1 activity. Oncogene, 2005, 24, 5809-5820.	2.6	84
66	Identification and distribution of different mRNA variants produced by differential splicing in the human phosphodiesterase 9A gene. Biochemical and Biophysical Research Communications, 2003, 301, 686-692.	1.0	63