Ana Clara Carrera

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4310719/publications.pdf

Version: 2024-02-01

73 papers	4,853 citations	81900 39 h-index	91884 69 g-index
73 all docs	73 docs citations	73 times ranked	6745 citing authors

#	Article	IF	Citations
1	PI3KÎ³ inhibition blocks glomerulonephritis and extends lifespan in a mouse model of systemic lupus. Nature Medicine, 2005, 11, 933-935.	30.7	306
2	Forkhead transcription factors contribute to execution of the mitotic programme in mammals. Nature, 2001, 413, 744-747.	27.8	262
3	Role of the Pi3k Regulatory Subunit in the Control of Actin Organization and Cell Migration. Journal of Cell Biology, 2000, 151, 249-262.	5.2	222
4	Differential Requirements for DOCK2 and Phosphoinositide-3-Kinase Î³ during T and B Lymphocyte Homing. Immunity, 2004, 21, 429-441.	14.3	219
5	Hypoxia Induces the Activation of the Phosphatidylinositol 3-Kinase/Akt Cell Survival Pathway in PC12 Cells. Journal of Biological Chemistry, 2001, 276, 22368-22374.	3.4	217
6	Dynamic redistribution of raft domains as an organizing platform for signaling during cell chemotaxis. Journal of Cell Biology, 2004, 164, 759-768.	5.2	206
7	Control of Cyclin G2 mRNA Expression by Forkhead Transcription Factors: Novel Mechanism for Cell Cycle Control by Phosphoinositide 3-Kinase and Forkhead. Molecular and Cellular Biology, 2004, 24, 2181-2189.	2.3	173
8	Increased phosphoinositide 3â€kinase activity induces a lymphoproliferative disorder and contributes to tumor generation in vivo. FASEB Journal, 2000, 14, 895-903.	0.5	160
9	Mutation of E2F2 in Mice Causes Enhanced T Lymphocyte Proliferation, Leading to the Development of Autoimmunity. Immunity, 2001, 15, 959-970.	14.3	149
10	Apoptosis, fas and systemic autoimmunity: the MRL-lpr/lpr model. Current Opinion in Immunology, 1994, 6, 913-920.	5.5	148
11	Nuclear phosphoinositide 3-kinase Î² controls double-strand break DNA repair. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7491-7496.	7.1	148
12	Modulation of the PI 3-kinaseâ€“Akt signalling pathway by IGF-I and PTEN regulates the differentiation of neural stem/precursor cells. Journal of Cell Science, 2006, 119, 2739-2748.	2.0	128
13	Grass tablet sublingual immunotherapy downregulates theÂTH2 cytokine response followed by regulatory T-cellÂgeneration. Journal of Allergy and Clinical Immunology, 2014, 133, 130-138.e2.	2.9	125
14	Phosphoinositide 3-kinase controls early and late events in mammalian cell division. EMBO Journal, 2006, 25, 655-661.	7.8	118
15	The p85 Regulatory Subunit Controls Sequential Activation of Phosphoinositide 3-Kinase by Tyr Kinases and Ras. Journal of Biological Chemistry, 2002, 277, 41556-41562.	3.4	110
16	Involvement of the CD4 molecule in a post-activation event on T cell proliferation. European Journal of Immunology, 1987, 17, 179-186.	2.9	102
17	A promoter DNA demethylation landscape of human hematopoietic differentiation. Nucleic Acids Research, 2012, 40, 116-131.	14.5	97
18	Blocking of HIV-1 Infection by Targeting CD4 to Nonraft Membrane Domains. Journal of Experimental Medicine, 2002, 196, 293-301.	8.5	94

#	Article	IF	Citations
19	Phosphoinositide 3â€“kinase Î³ participates in T cell receptorâ€“induced T cell activation. Journal of Experimental Medicine, 2007, 204, 2977-2987.	8.5	86
20	The Opposing Roles of PIK3R1/p85Î± and PIK3R2/p85Î² in Cancer. Trends in Cancer, 2019, 5, 233-244.	7.4	82
21	Phosphatidylinositol 3-Kinase Regulates the CD4/CD8 T Cell Differentiation Ratio. Journal of Immunology, 2003, 170, 4475-4482.	0.8	79
22	Class IB-Phosphatidylinositol 3-Kinase (PI3K) Deficiency Ameliorates IA-PI3K-Induced Systemic Lupus but Not T Cell Invasion. Journal of Immunology, 2006, 176, 589-593.	0.8	78
23	Specific function of phosphoinositide 3-kinase beta in the control of DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7525-7530.	7.1	75
24	SADB phosphorylation of Î³-tubulin regulates centrosome duplication. Nature Cell Biology, 2009, 11, 1081-1092.	10.3	73
25	Nuclear but Not Cytosolic Phosphoinositide 3-Kinase Beta Has an Essential Function in Cell Survival. Molecular and Cellular Biology, 2011, 31, 2122-2133.	2.3	72
26	PTEN regulates motility but not directionality during leukocyte chemotaxis. Journal of Cell Science, 2004, 117, 6207-6215.	2.0	70
27	Control region mutations and the 'common deletion' are frequent in the mitochondrial DNA of patients with esophageal squamous cell carcinoma. BMC Cancer, 2004, 4, 30.	2.6	69
28	Enhanced Phosphoinositide 3-Kinase Î´ Activity Is a Frequent Event in Systemic Lupus Erythematosus That Confers Resistance to Activation-Induced T Cell Death. Journal of Immunology, 2011, 187, 2376-2385.	0.8	69
29	A PI3K activity-independent function of p85 regulatory subunit in control of mammalian cytokinesis. EMBO Journal, 2006, 25, 4740-4751.	7.8	62
30	Intermediate Affinity Interleukin-2 Receptor Mediates Survival via a Phosphatidylinositol 3-Kinase-dependent Pathway. Journal of Biological Chemistry, 1997, 272, 10220-10226.	3.4	59
31	p85Î² phosphoinositide 3-kinase subunit regulates tumor progression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11318-11323.	7.1	56
32	TOR signaling in mammals. Journal of Cell Science, 2004, 117, 4615-4616.	2.0	54
33	The Identification of Phosphatidylinositol 3,5-bisphosphate in T-lymphocytes and Its Regulation by Interleukin-2. Journal of Biological Chemistry, 1999, 274, 18407-18413.	3.4	51
34	Phosphoinositide 3-Kinases p110Î± and p110Î² Regulate Cell Cycle Entry, Exhibiting Distinct Activation Kinetics in G₁ Phase. Molecular and Cellular Biology, 2008, 28, 2803-2814.	2.3	50
35	Persistent regulatory Tâ€cell response 2 years after 3 years of grass tablet <scp>SLIT</scp>: Links to reduced eosinophil counts, <scp>sIgE</scp> levels, and clinical benefit. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 349-360.	5.7	46
36	Phosphoinositide 3-Kinase Activation in Late G 1 Is Required for c-Myc Stabilization and S Phase Entry. Molecular and Cellular Biology, 2006, 26, 9116-9125.	2.3	44

#	Article	IF	Citations
37	A New Role for the p85-Phosphatidylinositol 3-Kinase Regulatory Subunit Linking FRAP to p70 S6 Kinase Activation. Journal of Biological Chemistry, 2002, 277, 1500-1508.	3.4	41
38	Phosphoinositide 3-Kinase Activation Regulates Cell Division Time by Coordinated Control of Cell Mass and Cell Cycle Progression Rate. Journal of Biological Chemistry, 2003, 278, 26466-26473.	3.4	41
39	Inhibition of PI3KÎ´ Reduces Kidney Infiltration by Macrophages and Ameliorates Systemic Lupus in the Mouse. Journal of Immunology, 2014, 193, 544-554.	0.8	41
40	From Apoptosis to Autoimmunity: Insights from the Signaling Pathways Leading to Proliferation or to Programmed Cell Death. Immunological Reviews, 1994, 142, 53-91.	6.0	40
41	Phosphatidylinositol 3-Kinase Î³ Inhibition Ameliorates Inflammation and Tumor Growth in a Model of Colitis-Associated Cancer. Gastroenterology, 2010, 138, 1374-1383.	1.3	36
42	Role of NRF2 in Lung Cancer. Cells, 2021, 10, 1879.	4.1	35
43	p85Î² phosphoinositide 3-kinase regulates CD28 coreceptor function. Blood, 2009, 113, 3198-3208.	1.4	34
44	PTEN Regulation, a Novel Function for the p85 Subunit of Phosphoinositide 3-Kinase. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, pe49-pe49.	3.9	32
45	Lck Unique Domain Influences Lck Specificity and Biological Function. Journal of Biological Chemistry, 1995, 270, 3385-3391.	3.4	29
46	Abi1/Hssh3bp1 pY213 links Abl kinase signaling to p85 regulatory subunit of PIâ€3 kinase in regulation of macropinocytosis in LNCaP cells. FEBS Letters, 2010, 584, 3279-3286.	2.8	29
47	PI3KÎ³ activation by CXCL12 regulates tumor cell adhesion and invasion. Biochemical and Biophysical Research Communications, 2009, 388, 199-204.	2.1	28
48	A Role for Phosphoinositide 3-Kinase in the Control of Cell Division and Survival during Retinal Development. Developmental Biology, 2002, 247, 295-306.	2.0	26
49	New Functions for PI3K in the Control of Cell Division. Cell Cycle, 2007, 6, 1696-1698.	2.6	26
50	CD2 is involved in regulating cyclic AMP levels in T cells. European Journal of Immunology, 1988, 18, 961-964.	2.9	25
51	Phosphoinositide 3-kinase p85beta regulates invadopodium formation. Biology Open, 2014, 3, 924-936.	1.2	20
52	Phosphoinositide 3-kinase Î² regulates chromosome segregation in mitosis. Molecular Biology of the Cell, 2012, 23, 4526-4542.	2.1	19
53	The cell biology behind the oncogenic PIP3 lipids. Journal of Cell Science, 2019, 132, .	2.0	18
54	Structural nature of the interaction between T lymphocyte surface molecule CD4 and the intracellular protein tyrosine kinase Ick. European Journal of Immunology, 1990, 20, 453-456.	2.9	17

#	Article	IF	Citations
55	Suppressor of cytokine signaling 1 blocks mitosis in human melanoma cells. Cellular and Molecular Life Sciences, 2013, 70, 545-558.	5.4	17
56	PI3K p110Î³ Deletion Attenuates Murine Atherosclerosis by Reducing Macrophage Proliferation but Not Polarization or Apoptosis in Lesions. PLoS ONE, 2013, 8, e72674.	2.5	17
57	Targeted depletion of PIK3R2 induces regression of lung squamous cell carcinoma. Oncotarget, 2016, 7, 85063-85078.	1.8	16
58	Cell Activation-Induced Phosphoinositide 3-Kinase Alpha/Beta Dimerization Regulates PTEN Activity. Molecular and Cellular Biology, 2014, 34, 3359-3373.	2.3	15
59	Thymic selection. Current Opinion in Immunology, 1992, 4, 162-165.	5.5	14
60	Tyrosine kinase triggering in thymocytes undergoing positive selection. European Journal of Immunology, 1992, 22, 2289-2294.	2.9	13
61	Phosphoinositide 3-Kinase Beta Protects Nuclear Envelope Integrity by Controlling RCC1 Localization and Ran Activity. Molecular and Cellular Biology, 2015, 35, 249-263.	2.3	12
62	Characterization of an active, non-myristylated, cytoplasmic form of the lymphoid protein tyrosine kinase pp56lck. International Immunology, 1991, 3, 673-682.	4.0	11
63	E-cadherin downregulation sensitizes PTEN-mutant tumors to PI3KÎ² silencing. Oncotarget, 2016, 7, 84054-84071.	1.8	10
64	SADB kinases license centrosome replication. Cell Cycle, 2009, 8, 4005-4006.	2.6	9
65	CXCL12-Mediated Murine Neural Progenitor Cell Movement Requires PI3KÎ² Activation. Molecular Neurobiology, 2013, 48, 217-231.	4.0	8
66	Phosphoinositide 3-kinase beta controls replication factor C assembly and function. Nucleic Acids Research, 2013, 41, 855-868.	14.5	6
67	Fluctuations in AKT and PTEN Activity Are Linked by the E3 Ubiquitin Ligase cCBL. Cells, 2021, 10, 2803.	4.1	4
68	p85Î²increases phosphoinositide 3-kinase activity and accelerates tumor progression. Cell Cycle, 2012, 11, 3523-3524.	2.6	2
69	PI3K p110Î´ Is Expressed by gp38â"CD31+ and gp38+CD31+ Spleen Stromal Cells and Regulates Their CCL19, CCL21, and LTÎ²R mRNA Levels. PLoS ONE, 2013, 8, e72960.	2.5	2
70	Functions of Nuclear Polyphosphoinositides. Handbook of Experimental Pharmacology, 2019, 259, 163-181.	1.8	1
71	Phosphoinositide 3â€"kinase Î³ participates in T cell receptorâ€"induced T cell activation. Journal of Cell Biology, 2007, 179, i9-i9.	5.2	0
72	The Tyrosine Kinases pp561ck and pp59fyn are Activated in Thymocytes Undergoing Positive Selection. , 1993, , 893-899.		0

#	Article	IF	Citations
73	Lymphoid kinase detection and activation. , 1996, , 1163-1181.		0