

Pilar Portoles

List of Publications by Citations

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33
papers

701
citations

13
h-index

26
g-index

35
ext. papers

763
ext. citations

5.9
avg, IF

2.74
L-index

#	Paper	IF	Citations
33	CD4+ T cells: specificity and function. <i>Immunological Reviews</i> , 1988 , 101, 39-80	11.3	247
32	Crry/p65, a membrane complement regulatory protein, has costimulatory properties on mouse T cells. <i>Journal of Immunology</i> , 2000 , 164, 4533-42	5.3	53
31	The co-receptor function of murine CD4. <i>Immunological Reviews</i> , 1989 , 109, 77-92	11.3	51
30	Characterization of H4: a mouse T lymphocyte activation molecule functionally associated with the CD3/T cell receptor. <i>European Journal of Immunology</i> , 1996 , 26, 2781-9	6.1	41
29	Modulation of CD4 lateral interaction with lymphocyte surface molecules induced by HIV-1 gp120. <i>European Journal of Immunology</i> , 1995 , 25, 1306-11	6.1	34
28	Mechanisms of H4/ICOS costimulation: effects on proximal TCR signals and MAP kinase pathways. <i>European Journal of Immunology</i> , 2003 , 33, 204-14	6.1	33
27	CD4+ICOS+ T lymphocytes inhibit T cell activation in vitro and attenuate autoimmune encephalitis in vivo. <i>International Immunology</i> , 2008 , 20, 577-89	4.9	23
26	Complement regulatory protein Crry/p65-mediated signaling in T lymphocytes: role of its cytoplasmic domain and partitioning into lipid rafts. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 1386-96	6.5	22
25	A hyperreactive variant of a CD4+ T cell line is activated by syngeneic antigen presenting cells in the absence of antigen. <i>Cellular Immunology</i> , 1995 , 164, 265-78	4.4	19
24	NF-kappaB in Th2 cells: delayed and long-lasting induction through the TCR complex. <i>European Journal of Immunology</i> , 1998 , 28, 2234-44	6.1	16
23	Enhancement of lymphocyte proliferation, interleukin-2 production and NK activity by immunoferon (AM-3), a fungal immunomodulator: variations in normal and immunosuppressed mice. <i>International Journal of Immunopharmacology</i> , 1986 , 8, 593-7		14
22	T-cell receptor. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 640, 1-11	3.6	14
21	Biased binding of class IA phosphatidylinositol 3-kinase subunits to inducible costimulator (CD278). <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3065-79	10.3	13
20	Effects of 3D nanocomposite bioceramic scaffolds on the immune response. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3469-3479	7.3	12
19	ETP-46321, a dual p110 α /class IA phosphoinositide 3-kinase inhibitor modulates T lymphocyte activation and collagen-induced arthritis. <i>Biochemical Pharmacology</i> , 2016 , 106, 56-69	6	11
18	Inhibition of the responses of a cloned CD4+ T cell line to different class II major histocompatibility complex ligands by anti-CD4 and by anti-receptor Fab fragments are directly related. <i>European Journal of Immunology</i> , 1989 , 19, 83-7	6.1	10
17	T-Cell-Specific Loss of the PI-3-Kinase p110 α Catalytic Subunit Results in Enhanced Cytokine Production and Antitumor Response. <i>Frontiers in Immunology</i> , 2018 , 9, 332	8.4	8

16	ICOS deficiency hampers the homeostasis, development and function of NK cells. <i>PLoS ONE</i> , 2019 , 14, e0219449	3.7	8
15	Complement regulatory protein Crry/p65 costimulation expands natural treg cells with enhanced suppressive properties in proteoglycan-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1562-72		8
14	Variability of invariant mouse CD3epsilon chains detected by anti-CD3 antibodies. <i>European Journal of Immunology</i> , 2000 , 30, 1469-79	6.1	8
13	A symmetrical view of the T-cell receptor-CD3 complex. <i>Trends in Immunology</i> , 1991 , 12, 377-8		8
12	Differential effects of the second SARS-CoV-2 mRNA vaccine dose on T cell immunity in naïve and COVID-19 recovered individuals		8
11	Loss of N-terminal charged residues of mouse CD3 epsilon chains generates isoforms modulating antigen T cell receptor-mediated signals and T cell receptor-CD3 interactions. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22324-34	5.4	7
10	Characteristics of TCR/CD3 complex CD3{varepsilon} chains of regulatory CD4+ T (Treg) lymphocytes: role in Treg differentiation in vitro and impact on Treg in vivo. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 441-50	6.5	6
9	Antibody-induced CD3-CD4 coligation inhibits TCR/CD3 activation in the absence of costimulatory signals in normal mouse CD4(+) T lymphocytes. <i>Cellular Immunology</i> , 1999 , 195, 96-109	4.4	6
8	An Immunological Approach to the Biocompatibility of Mesoporous SiO-CaO Nanospheres. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
7	The TCR/CD3 complex: opening the gate to successful vaccination. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3290-300	3.3	4
6	N-terminal negatively charged residues in CD3{varepsilon} chains as a phylogenetically conserved trait potentially yielding isoforms with different isoelectric points: analysis of human CD3{varepsilon} chains. <i>Immunology Letters</i> , 2009 , 126, 8-15	4.1	3
5	The TCR/CD3 complex: molecular interactions in a changing structure. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2002 , 50, 263-72	4	3
4	Dissociation of actin polymerization and lipid raft accumulation by ligation of the Inducible Costimulator (ICOS, CD278). <i>Immunologia (Barcelona, Spain: 1987)</i> , 2012 , 31, 4-12		2
3	Role of endocytosis and trans-endocytosis in ICOS costimulator-induced downmodulation of the ICOS Ligand. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 867-884	6.5	2
2	Inhibitory mechanisms of 5-fluorodeoxyuridine on mitogen-induced blastogenesis of lymphocytes. <i>International Journal of Immunopharmacology</i> , 1984 , 6, 61-5		1
1	CD28 is expressed by macrophages with anti-inflammatory potential and limits their T-cell activating capacity. <i>European Journal of Immunology</i> , 2021 , 51, 824-834	6.1	0