AntÃ³nio A Freitas

List of Publications by Year
in descending order

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91	6,632	81743	62479
papers	citations	39 h-index	80 g-index

92	92	92	7053
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbiota stimulation generates LCMV-specific memory CD8+ T cells in SPF mice and determines their TCR repertoire during LCMV infection. Molecular Immunology, 2020, 124, 125-141.	1.0	4
2	Maria de Sousa, (1939â€2020). European Journal of Immunology, 2020, 50, 768-769.	1.6	1
3	The S(c)ensory Immune System Theory. Trends in Immunology, 2017, 38, 777-788.	2.9	21
4	IL-15-dependent balance between Foxp3 and RORÎ³t expression impacts inflammatory bowel disease. Nature Communications, 2016, 7, 10888.	5.8	65
5	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. Cell Reports, 2016, 16, 2777-2791.	2.9	84
6	Regulation and Maintenance of an Adoptive T-Cell Dependent Memory B Cell Pool. PLoS ONE, 2016, 11, e0167003.	1.1	2
7	Human Hematopoietic Reconstitution and HLA-Restricted Responses in Nonpermissive Alymphoid Mice. Journal of Immunology, 2014, 193, 1504-1511.	0.4	10
8	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. Journal of Experimental Medicine, 2014, 211, 2281-2295.	4.2	57
9	A mathematical perspective on CD4+ T cell quorum-sensing. Journal of Theoretical Biology, 2014, 347, 160-175.	0.8	7
10	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. Journal of Cell Biology, 2014, 207, 2072OIA191.	2.3	0
11	Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. Nature Immunology, 2013, 14, 959-965.	7.0	209
12	Origin, trafficking, and intraepithelial fate of gut-tropic T cells. Journal of Experimental Medicine, 2013, 210, 1839-1854.	4.2	62
13	IL-2 coordinates IL-2â€“producing and regulatory T cell interplay. Journal of Experimental Medicine, 2013, 210, 2707-2720.	4.2	85
14	Quorum Sensing Contributes to Activated IgM-Secreting B Cell Homeostasis. Journal of Immunology, 2013, 190, 106-114.	0.4	25
15	Quorum-Sensing in CD4+ T Cell Homeostasis: A Hypothesis and a Model. Frontiers in Immunology, 2012, 3, 125.	2.2	95
16	Humanized mice: Current states and perspectives. Immunology Letters, 2012, 146, 1-7.	1.1	52
17	Cell-to-Cell Interactions and Signals Involved in the Reconstitution of Peripheral CD8+ TCM and TEM Cell Pools. PLoS ONE, 2011, 6, e17423.	1.1	8
18	CpG Inhibits Pro-B Cell Expansion through a Cathepsin B-Dependent Mechanism. Journal of Immunology, 2010, 184, 5678-5685.	0.4	16

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19	Endogenous TCR Recombination in TCR Tg Single RAG-Deficient Mice Uncovered by Robust In Vivo T Cell Activation and Selection. PLoS ONE, 2010, 5, e10238.	1.1	10
20	The Role of TCR Specificity and Clonal Competition During Reconstruction of the Peripheral T Cell Pool. Journal of Immunology, 2009, 182, 5232-5239.	0.4	15
21	Homeostasis of naive T cells: the Foxo that fixes. Nature Immunology, 2009, 10, 133-134.	7.0	9
22	Wild-derived mouse strains, a valuable model to study B cell responses. Molecular Immunology, 2009, 46, 601-612.	1.0	5
23	TLR-Activated B Cells Suppress T Cell-Mediated Autoimmunity. Journal of Immunology, 2008, 180, 4763-4773.	0.4	397
24	Peritoneal B-Cell Subsets in the Genus Mus: Their Role in Innate Immunity. Critical Reviews in Immunology, 2008, 28, 341-361.	1.0	1
25	Agonist-Driven Development of CD4+CD25+Foxp3+ Regulatory T Cells Requires a Second Signal Mediated by Stat6. Journal of Immunology, 2007, 178, 7550-7556.	0.4	27
26	The clone size of peripheral CD8 T cells is regulated by TCR promiscuity. Journal of Experimental Medicine, 2006, 203, 1643-1649.	4.2	42
27	Notch signaling: Distinct ligands induce specific signals during lymphocyte development and maturation. Immunology Letters, 2006, 102, 1-9.	1.1	49
28	Competition controls the rate of transition between the peripheral pools of CD4+CD25- and CD4+CD25+ T cells. International Immunology, 2006, 18, 1607-1613.	1.8	19
29	Indexation as a Novel Mechanism of Lymphocyte Homeostasis: The Number of CD4+CD25+ Regulatory T Cells Is Indexed to the Number of IL-2-Producing Cells. Journal of Immunology, 2006, 177, 192-200.	0.4	120
30	Different Competitive Capacities of Stat4- and Stat6-Deficient CD4+ T Cells during Lymphophenia-Driven Proliferation. Journal of Immunology, 2005, 174, 1178-1187.	0.4	10
31	In Vivo and in Absence of a Thymus, the Enforced Expression of the Notch Ligands Delta-1 or Delta-4 Promotes T Cell Development with Specific Unique Effects. Journal of Immunology, 2005, 174, 2730-2737.	0.4	40
32	CD8 T Cell Sensory Adaptation Dependent on TCR Avidity for Self-Antigens. Journal of Immunology, 2005, 175, 7388-7397.	0.4	19
33	CD4+CD25+ regulatory T cells inhibit natural killer cell functions in a transforming growth factorâ€“Î²â€“dependent manner. Journal of Experimental Medicine, 2005, 202, 1075-1085.	4.2	806
34	IPEX and FOXP3: Clinical and research perspectives. Journal of Autoimmunity, 2005, 25, 56-62.	3.0	145
35	Homeostasis of T cell numbers: from thymus production to peripheral compartmentalization and the indexation of regulatory T cells. Seminars in Immunology, 2005, 17, 239-249.	2.7	90
36	B-cell homeostasis, competition, resources, and positive selection by self-antigens. Immunological Reviews, 2004, 197, 102-115.	2.8	60

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37	Positive Selection of B Cells Expressing Low Densities of Self-reactive BCRs. Journal of Experimental Medicine, 2004, 199, 843-853.	4.2	42
38	Murine plasmacytoid dendritic cells induce effector/memory CD8+ T-cell responses in vivo after viral stimulation. Blood, 2004, 104, 1808-1815.	0.6	116
39	Homeostasis of Peripheral CD4+ T Cells: IL-2RÎ± and IL-2 Shape a Population of Regulatory Cells That Controls CD4+ T Cell Numbers. Journal of Immunology, 2002, 169, 4850-4860.	0.4	461
40	Introduction: regulation of lymphocyte homeostasis. Microbes and Infection, 2002, 4, 529-530.	1.0	8
41	T Cell Homeostasis. Journal of Experimental Medicine, 2001, 194, 591-600.	4.2	136
42	Resource Competition Determines Selection of B Cell Repertoires. Journal of Theoretical Biology, 2001, 212, 333-343.	0.8	28
43	Impaired regeneration of the peripheral B cell repertoire from bone marrow following lymphopenia in old mice. European Journal of Immunology, 2001, 31, 500-505.	1.6	49
44	CD8+ T Lymphocytes in Double Î±Î² TCR Transgenic Mice. I. TCR Expression and Thymus Selection in the Absence or in the Presence of Self-Antigen. Journal of Immunology, 2001, 167, 6150-6157.	0.4	9
45	CD8+ T Lymphocytes in Double Î±Î² TCR Transgenic Mice. II. Competitive Fitness of Dual Î±Î² TCR CD8+ T Lymphocytes in the Peripheral Pools. Journal of Immunology, 2001, 167, 6158-6164.	0.4	6
46	Population Biology of Lymphocytes: The Flight for Survival. Annual Review of Immunology, 2000, 18, 83-111.	9.5	392
47	Considerations on B Cell Homeostasis. Current Topics in Microbiology and Immunology, 2000, , 67-75.	0.7	4
48	Transfer of Small Resting B Cells into Immunodeficient Hosts Results in the Selection of a Self-renewing Activated B Cell Population. Journal of Experimental Medicine, 1999, 189, 319-330.	4.2	101
49	Peripheral T cell survival. Current Opinion in Immunology, 1999, 11, 152-156.	2.4	103
50	The role of the B cell receptor V region in peripheral B cell survival. European Journal of Immunology, 1998, 28, 2685-2693.	1.6	47
51	The role of the B cell receptor V region in peripheral B cell survival. , 1998, 28, 2685.		7
52	Differential Requirements for Survival and Proliferation of CD8 Naïve or Memory T Cells. Science, 1997, 276, 2057-2062.	6.0	770
53	Lymphocyte Survival: A Red Queen Hypothesis. Science, 1997, 277, 1950-1950.	6.0	23
54	Lymphocyte homeostasis. Seminars in Immunology, 1997, 9, 331-337.	2.7	133

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55	Independent homeostatic regulation of B cell compartments. European Journal of Immunology, 1997, 27, 1801-1807.	1.6	75
56	Cellular competition modulates survival and selection of CD8+ T cells. European Journal of Immunology, 1996, 26, 2640-2649.	1.6	57
57	The role of cellular competition in B cell survival and selection of B cell repertoires. European Journal of Immunology, 1995, 25, 1729-1738.	1.6	67
58	Regulation of VH-gene expression is a lineage-specific developmental marker. European Journal of Immunology, 1994, 24, 1353-1358.	1.6	5
59	Positive and Negative Selection of Antibody Repertoires during B-Cell Differentiation. Immunological Reviews, 1994, 137, 53-89.	2.8	39
60	Lymphocyte lifespans: homeostasis, selection and competition. Trends in Immunology, 1993, 14, 25-29.	7.5	215
61	Analysis of VHGene Utilisation in the Non-Obese Diabetic Mouse. Autoimmunity, 1993, 15, 11-18.	1.2	17
62	V region dependent selection of persistent resting peripheral B cells in normal mice. International Immunology, 1993, 5, 599-605.	1.8	23
63	On the origin of natural IgM in immunoglobulin transgenic mice. International Immunology, 1992, 4, 1153-1160.	1.8	12
64	Expression and Selection of Murine Antibody Repertoires. International Reviews of Immunology, 1992, 8, 173-187.	1.5	27
65	Normal serum immunoglobulins influence the numbers of bone marrow pre-B and B cells. European Journal of Immunology, 1991, 21, 1155-1161.	1.6	53
66	Clonal persistence of B lymphocytes in normal mice is determined by variable region-dependent selection. European Journal of Immunology, 1991, 21, 2239-2246.	1.6	18
67	Endogenous VH gene family expression in immunoglobulin-transgenic mice: evidence for selection of antibody repertoires. International Immunology, 1991, 3, 67-73.	1.8	33
68	Clonal analysis of B lymphocyte responses to Plasmodium chabaudi infection of normal and immunoprotected mice. International Immunology, 1991, 3, 1207-1216.	1.8	19
69	VH gene family repertoires of â€œviable motheatenâ€•(mev) mice. European Journal of Immunology, 1990, 20, 1033-1037.	1.6	9
70	Accumulation of bromodeoxyuridine-labeled cells in central and peripheral lymphoid organs: minimal estimates of prodution and turnover rates of mature lymphocytes. European Journal of Immunology, 1990, 20, 1697-1708.	1.6	125
71	Divergency in the specificity of the induction and maintenance of neonatal suppression. European Journal of Immunology, 1990, 20, 1717-1721.	1.6	14
72	Selection of VH gene repertoires: differentiating B cells of adult bone marrow mimic fetal development. International Immunology, 1990, 2, 15-23.	1.8	82

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73	Transfer of T or CD8+ Cells from Hemorrhaged Mice Produce Alterations in Bacterial Antigen Specific Plasma Cell Repertoires in Normal Syngeneic Recipients. Immunobiology, 1990, 181, 379-387.	0.8	4
74	Population kinetics of peritoneal LPS-reactive B lymphocytes. International Immunology, 1990, 2, 73-81.	1.8	10
75	Immunoglobulin VH gene expression following hemorrhage. Molecular Immunology, 1990, 27, 921-927.	1.0	1
76	ESTABLISHMENT OF V-GENE REPERTOIRES IN NORMAL MICE. , 1990, , 125-128.		0
77	Lymphocyte population kinetics during the development of the immune system. B cell persistence and life-span can be determined by the host environment. International Immunology, 1989, 1, 237-246.	1.8	28
78	Hemorrhage in mice produces alterations in B cell repertoires. Cellular Immunology, 1989, 122, 208-217.	1.4	19
79	Immunoglobulin VH gene expression in Ly-1+ and conventional B lymphocytes. European Journal of Immunology, 1989, 19, 1117-1122.	1.6	39
80	Interleukin 2 receptor expression and interleukin 2 production in exponentially growing T cells: major differences betweenin vivo andin vitro proliferating T lymphocytes. European Journal of Immunology, 1989, 19, 1137-1145.	1.6	18
81	Expression of antibody V-regions is genetically and developmentally controlled and modulated by the B lymphocyte environment. International Immunology, 1989, 1, 342-354.	1.8	69
82	Hemorrhage in mice induces alterations in immunoglobulin-secreting B cells. Critical Care Medicine, 1989, 17, 1015-1019.	0.4	48
83	Secondary antibody responses to thymus-independent antigens. Decline and life-span of memory. European Journal of Immunology, 1988, 18, 1307-1314.	1.6	23
84	Long-lasting thymus-independent immune responses to anti-idiotype lipopolysaccharide conjugates require continuous B cell renewal. European Journal of Immunology, 1988, 18, 1433-1439.	1.6	4
85	Comparative study of VH gene family usage by newbornxid and non-xid mice, newborn NZB and adult NZB mice, and by splenic and peritoneal cavity B cell compartments. European Journal of Immunology, 1988, 18, 1979-1983.	1.6	19
86	The majority of â€œnaturalâ€•immunoglobulin-secreting cells are short-lived and the progeny of cycling lymphocytes. European Journal of Immunology, 1987, 17, 849-854.	1.6	26
87	Altered fatty acid membrane composition modifies lymphocyte localization in vivo. Cellular Immunology, 1987, 106, 387-396.	1.4	20
88	Lymphocyte Population Kinetics in the Mouse. Immunological Reviews, 1986, 91, 5-38.	2.8	171
89	Antibody Repertoires of Normal BALB/c Mice: B Lymphocyte Populations Defined by State of Activation. Immunological Reviews, 1986, 93, 147-169.	2.8	127
90	Characterization of mouse thoracic duct B lymphocytes I. Evidence of functional heterogeneity. European Journal of Immunology, 1980, 10, 772-776.	1.6	4

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91	Factors which determine the accumulation of immunoblasts in gut and skin. Agents and Actions, 1976, 6, 32-39.	0.7	6