

Antnio A Freitas

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

5,903
citations

38
h-index

76
g-index

92
ext. papers

6,292
ext. citations

8.1
avg, IF

5.24
L-index

#	Paper	IF	Citations
91	Differential requirements for survival and proliferation of CD8 naïve or memory T cells. <i>Science</i> , 1997 , 276, 2057-62	33.3	719
90	CD4+CD25+ regulatory T cells inhibit natural killer cell functions in a transforming growth factor-beta-dependent manner. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1075-85	16.6	687
89	Homeostasis of peripheral CD4+ T cells: IL-2R alpha and IL-2 shape a population of regulatory cells that controls CD4+ T cell numbers. <i>Journal of Immunology</i> , 2002 , 169, 4850-60	5.3	407
88	Population biology of lymphocytes: the flight for survival. <i>Annual Review of Immunology</i> , 2000 , 18, 83-114	14.7	367
87	TLR-activated B cells suppress T cell-mediated autoimmunity. <i>Journal of Immunology</i> , 2008 , 180, 4763-73	5.3	346
86	Lymphocyte lifespans: homeostasis, selection and competition. <i>Trends in Immunology</i> , 1993 , 14, 25-9		200
85	Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. <i>Nature Immunology</i> , 2013 , 14, 959-65	19.1	172
84	Lymphocyte population kinetics in the mouse. <i>Immunological Reviews</i> , 1986 , 91, 5-37	11.3	157
83	Lymphocyte homeostasis. <i>Seminars in Immunology</i> , 1997 , 9, 331-7	10.7	127
82	IPEX and FOXP3: clinical and research perspectives. <i>Journal of Autoimmunity</i> , 2005 , 25 Suppl, 56-62	15.5	123
81	Antibody repertoires of normal BALB/c mice: B lymphocyte populations defined by state of activation. <i>Immunological Reviews</i> , 1986 , 93, 147-69	11.3	123
80	Accumulation of bromodeoxyuridine-labeled cells in central and peripheral lymphoid organs: minimal estimates of production and turnover rates of mature lymphocytes. <i>European Journal of Immunology</i> , 1990 , 20, 1697-708	6.1	122
79	T cell homeostasis: thymus regeneration and peripheral T cell restoration in mice with a reduced fraction of competent precursors. <i>Journal of Experimental Medicine</i> , 2001 , 194, 591-9	16.6	119
78	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. <i>Journal of Immunology</i> , 2006 , 177, 192-200	5.3	111
77	Murine plasmacytoid dendritic cells induce effector/memory CD8+ T-cell responses in vivo after viral stimulation. <i>Blood</i> , 2004 , 104, 1808-15	2.2	109
76	Peripheral T cell survival. <i>Current Opinion in Immunology</i> , 1999 , 11, 152-6	7.8	99
75	Transfer of small resting B cells into immunodeficient hosts results in the selection of a self-renewing activated B cell population. <i>Journal of Experimental Medicine</i> , 1999 , 189, 319-30	16.6	94

74	Homeostasis of T cell numbers: from thymus production to peripheral compartmentalization and the indexation of regulatory T cells. <i>Seminars in Immunology</i> , 2005 , 17, 239-49	10.7	78
73	Selection of VH gene repertoires: differentiating B cells of adult bone marrow mimic fetal development. <i>International Immunology</i> , 1990 , 2, 15-23	4.9	77
72	Independent homeostatic regulation of B cell compartments. <i>European Journal of Immunology</i> , 1997 , 27, 1801-7	6.1	72
71	Expression of antibody V-regions is genetically and developmentally controlled and modulated by the B lymphocyte environment. <i>International Immunology</i> , 1989 , 1, 342-54	4.9	67
70	IL-2 coordinates IL-2-producing and regulatory T cell interplay. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2707-20	16.6	64
69	The role of cellular competition in B cell survival and selection of B cell repertoires. <i>European Journal of Immunology</i> , 1995 , 25, 1729-38	6.1	62
68	B-cell homeostasis, competition, resources, and positive selection by self-antigens. <i>Immunological Reviews</i> , 2004 , 197, 102-15	11.3	56
67	Quorum-Sensing in CD4(+) T Cell Homeostasis: A Hypothesis and a Model. <i>Frontiers in Immunology</i> , 2012 , 3, 125	8.4	55
66	Cellular competition modulates survival and selection of CD8+ T cells. <i>European Journal of Immunology</i> , 1996 , 26, 2640-9	6.1	55
65	Origin, trafficking, and intraepithelial fate of gut-tropic T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1839-54	16.6	54
64	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2281-95	16.6	49
63	Normal serum immunoglobulins influence the numbers of bone marrow pre-B and B cells. <i>European Journal of Immunology</i> , 1991 , 21, 1155-61	6.1	49
62	Impaired regeneration of the peripheral B cell repertoire from bone marrow following lymphopenia in old mice. <i>European Journal of Immunology</i> , 2001 , 31, 500-5	6.1	46
61	The role of the B cell receptor V region in peripheral B cell survival. <i>European Journal of Immunology</i> , 1998 , 28, 2685-93	6.1	45
60	Hemorrhage in mice induces alterations in immunoglobulin-secreting B cells. <i>Critical Care Medicine</i> , 1989 , 17, 1015-9	1.4	44
59	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. <i>Cell Reports</i> , 2016 , 16, 2777-2791	10.6	43
58	IL-15-dependent balance between Foxp3 and ROR γ expression impacts inflammatory bowel disease. <i>Nature Communications</i> , 2016 , 7, 10888	17.4	42
57	Humanized mice: current states and perspectives. <i>Immunology Letters</i> , 2012 , 146, 1-7	4.1	42

56	Notch signaling: distinct ligands induce specific signals during lymphocyte development and maturation. <i>Immunology Letters</i> , 2006 , 102, 1-9	4.1	42
55	The clone size of peripheral CD8 T cells is regulated by TCR promiscuity. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1643-9	16.6	40
54	Positive selection of B cells expressing low densities of self-reactive BCRs. <i>Journal of Experimental Medicine</i> , 2004 , 199, 843-53	16.6	39
53	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. <i>Journal of Immunology</i> , 2005 , 174, 2730-7	5.3	38
52	Immunoglobulin VH gene expression in Ly-1+ and conventional B lymphocytes. <i>European Journal of Immunology</i> , 1989 , 19, 1117-22	6.1	38
51	Positive and negative selection of antibody repertoires during B-cell differentiation. <i>Immunological Reviews</i> , 1994 , 137, 53-89	11.3	36
50	Endogenous VH gene family expression in immunoglobulin-transgenic mice: evidence for selection of antibody repertoires. <i>International Immunology</i> , 1991 , 3, 67-73	4.9	32
49	Lymphocyte population kinetics during the development of the immune system. B cell persistence and life-span can be determined by the host environment. <i>International Immunology</i> , 1989 , 1, 237-46	4.9	28
48	The majority of "natural" immunoglobulin-secreting cells are short-lived and the progeny of cycling lymphocytes. <i>European Journal of Immunology</i> , 1987 , 17, 849-54	6.1	25
47	Quorum sensing contributes to activated IgM-secreting B cell homeostasis. <i>Journal of Immunology</i> , 2013 , 190, 106-14	5.3	24
46	Resource competition determines selection of B cell repertoires. <i>Journal of Theoretical Biology</i> , 2001 , 212, 333-43	2.3	24
45	Agonist-driven development of CD4+CD25+Foxp3+ regulatory T cells requires a second signal mediated by Stat6. <i>Journal of Immunology</i> , 2007 , 178, 7550-6	5.3	23
44	V region dependent selection of persistent resting peripheral B cells in normal mice. <i>International Immunology</i> , 1993 , 5, 599-605	4.9	22
43	Expression and selection of murine antibody repertoires. <i>International Reviews of Immunology</i> , 1992 , 8, 173-87	4.6	22
42	Lymphocyte survival: a red queen hypothesis. <i>Science</i> , 1997 , 277, 1950	33.3	21
41	Secondary antibody responses to thymus-independent antigens. Decline and life-span of memory. <i>European Journal of Immunology</i> , 1988 , 18, 1307-14	6.1	21
40	Competition controls the rate of transition between the peripheral pools of CD4+CD25- and CD4+CD25+ T cells. <i>International Immunology</i> , 2006 , 18, 1607-13	4.9	19
39	Hemorrhage in mice produces alterations in B cell repertoires. <i>Cellular Immunology</i> , 1989 , 122, 208-17	4.4	18

38	Interleukin 2 receptor expression and interleukin 2 production in exponentially growing T cells: major differences between in vivo and in vitro proliferating T lymphocytes. <i>European Journal of Immunology</i> , 1989 , 19, 1137-45	6.1	18
37	Altered fatty acid membrane composition modifies lymphocyte localization in vivo. <i>Cellular Immunology</i> , 1987 , 106, 387-96	4.4	18
36	CD8 T cell sensory adaptation dependent on TCR avidity for self-antigens. <i>Journal of Immunology</i> , 2005 , 175, 7388-97	5.3	17
35	The S(c)ensory Immune System Theory. <i>Trends in Immunology</i> , 2017 , 38, 777-788	14.4	15
34	Analysis of VH gene utilisation in the non-obese diabetic mouse. <i>Autoimmunity</i> , 1993 , 15, 11-8	3	15
33	Clonal persistence of B lymphocytes in normal mice is determined by variable region-dependent selection. <i>European Journal of Immunology</i> , 1991 , 21, 2239-46	6.1	15
32	CpG inhibits pro-B cell expansion through a cathepsin B-dependent mechanism. <i>Journal of Immunology</i> , 2010 , 184, 5678-85	5.3	14
31	Clonal analysis of B lymphocyte responses to Plasmodium chabaudi infection of normal and immunoprotected mice. <i>International Immunology</i> , 1991 , 3, 1207-16	4.9	14
30	Comparative study of VH gene family usage by newborn xid and non-xid mice, newborn NZB and adult NZB mice, and by splenic and peritoneal cavity B cell compartments. <i>European Journal of Immunology</i> , 1988 , 18, 1979-83	6.1	14
29	The role of TCR specificity and clonal competition during reconstruction of the peripheral T cell pool. <i>Journal of Immunology</i> , 2009 , 182, 5232-9	5.3	13
28	On the origin of natural IgM in immunoglobulin transgenic mice. <i>International Immunology</i> , 1992 , 4, 1153-60	4.9	12
27	Different competitive capacities of Stat4- and Stat6-deficient CD4+ T cells during lymphopenia-driven proliferation. <i>Journal of Immunology</i> , 2005 , 174, 1178-87	5.3	10
26	Divergency in the specificity of the induction and maintenance of neonatal suppression. <i>European Journal of Immunology</i> , 1990 , 20, 1717-21	6.1	10
25	Population kinetics of peritoneal LPS-reactive B lymphocytes. <i>International Immunology</i> , 1990 , 2, 73-81	4.9	10
24	CD8+ T lymphocytes in double alpha beta TCR transgenic mice. I. TCR expression and thymus selection in the absence or in the presence of self-antigen. <i>Journal of Immunology</i> , 2001 , 167, 6150-7	5.3	9
23	VH gene family repertoires of "viable motheaten" (mev) mice. <i>European Journal of Immunology</i> , 1990 , 20, 1033-7	6.1	9
22	Endogenous TCR recombination in TCR Tg single RAG-deficient mice uncovered by robust in vivo T cell activation and selection. <i>PLoS ONE</i> , 2010 , 5, e10238	3.7	9
21	Human hematopoietic reconstitution and HLA-restricted responses in nonpermissive alymphoid mice. <i>Journal of Immunology</i> , 2014 , 193, 1504-11	5.3	8

20	Introduction: regulation of lymphocyte homeostasis. <i>Microbes and Infection</i> , 2002 , 4, 529-30	9.3	8
19	The role of the B cell receptor V region in peripheral B cell survival 1998 , 28, 2685		7
18	A mathematical perspective on CD4(+) T cell quorum-sensing. <i>Journal of Theoretical Biology</i> , 2014 , 347, 160-75	2.3	6
17	Cell-to-cell interactions and signals involved in the reconstitution of peripheral CD8 T(CM) and T(EM) cell pools. <i>PLoS ONE</i> , 2011 , 6, e17423	3.7	6
16	CD8+ T lymphocytes in double alpha beta TCR transgenic mice. II. Competitive fitness of dual alpha beta TCR CD8+ T lymphocytes in the peripheral pools. <i>Journal of Immunology</i> , 2001 , 167, 6158-64	5.3	6
15	Wild-derived mouse strains, a valuable model to study B cell responses. <i>Molecular Immunology</i> , 2009 , 46, 601-12	4.3	5
14	Factors which determine the accumulation of immunoblasts in gut and skin. <i>Agents and Actions</i> , 1976 , 6, 32-9		5
13	Regulation of VH-gene expression is a lineage-specific developmental marker. <i>European Journal of Immunology</i> , 1994 , 24, 1353-8	6.1	4
12	Transfer of T or CD8+ cells from hemorrhaged mice produce alterations in bacterial antigen specific plasma cell repertoires in normal syngeneic recipients. <i>Immunobiology</i> , 1990 , 181, 379-87	3.4	4
11	Long-lasting thymus-independent immune responses to anti-idiotypic lipopolysaccharide conjugates require continuous B cell renewal. <i>European Journal of Immunology</i> , 1988 , 18, 1433-9	6.1	4
10	Considerations on B Cell Homeostasis. <i>Current Topics in Microbiology and Immunology</i> , 2000 , 67-75	3.3	4
9	Origin, trafficking, and intraepithelial fate of gut-tropic T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2493-2493	16.6	3
8	Characterization of mouse thoracic duct B lymphocytes. I. Evidence of functional heterogeneity. <i>European Journal of Immunology</i> , 1980 , 10, 772-6	6.1	3
7	Microbiota stimulation generates LCMV-specific memory CD8 T cells in SPF mice and determines their TCR repertoire during LCMV infection. <i>Molecular Immunology</i> , 2020 , 124, 125-141	4.3	2
6	Regulation and Maintenance of an Adoptive T-Cell Dependent Memory B Cell Pool. <i>PLoS ONE</i> , 2016 , 11, e0167003	3.7	2
5	Immunoglobulin VH gene expression following hemorrhage. <i>Molecular Immunology</i> , 1990 , 27, 921-7	4.3	1
4	Maria de Sousa, (1939-2020). <i>European Journal of Immunology</i> , 2020 , 50, 768-769	6.1	0
3	Peritoneal B-cell subsets in the genus Mus: their role in innate immunity. <i>Critical Reviews in Immunology</i> , 2008 , 28, 341-61	1.8	

2 ESTABLISHMENT OF V-GENE REPERTOIRES IN NORMAL MICE **1990**, 125-128

1 microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. *Journal of Cell Biology*, **2014**, 207, 2072OIA191

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