

# Antônio A Freitas

## List of Publications by Year in descending order

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91  
papers

6,632  
citations

81743

39  
h-index

62479

80  
g-index

92  
all docs

92  
docs citations

92  
times ranked

7053  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1075-1085.	4.2	806
2	Differential Requirements for Survival and Proliferation of CD8 Naïve or Memory T Cells. <i>Science</i> , 1997, 276, 2057-2062.	6.0	770
3	Homeostasis of Peripheral CD4+ T Cells: IL-2 $\pm$ and IL-2 Shape a Population of Regulatory Cells That Controls CD4+ T Cell Numbers. <i>Journal of Immunology</i> , 2002, 169, 4850-4860.	0.4	461
4	TLR-Activated B Cells Suppress T Cell-Mediated Autoimmunity. <i>Journal of Immunology</i> , 2008, 180, 4763-4773.	0.4	397
5	Population Biology of Lymphocytes: The Flight for Survival. <i>Annual Review of Immunology</i> , 2000, 18, 83-111.	9.5	392
6	Lymphocyte lifespans: homeostasis, selection and competition. <i>Trends in Immunology</i> , 1993, 14, 25-29.	7.5	215
7	Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. <i>Nature Immunology</i> , 2013, 14, 959-965.	7.0	209
8	Lymphocyte Population Kinetics in the Mouse. <i>Immunological Reviews</i> , 1986, 91, 5-38.	2.8	171
9	IPEX and FOXP3: Clinical and research perspectives. <i>Journal of Autoimmunity</i> , 2005, 25, 56-62.	3.0	145
10	T Cell Homeostasis. <i>Journal of Experimental Medicine</i> , 2001, 194, 591-600.	4.2	136
11	Lymphocyte homeostasis. <i>Seminars in Immunology</i> , 1997, 9, 331-337.	2.7	133
12	Antibody Repertoires of Normal BALB/c Mice: B Lymphocyte Populations Defined by State of Activation. <i>Immunological Reviews</i> , 1986, 93, 147-169.	2.8	127
13	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, 1697-1708.	1.6	125
14	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.	0.4	120
15	Murine plasmacytoid dendritic cells induce effector/memory CD8+ T-cell responses in vivo after viral stimulation. <i>Blood</i> , 2004, 104, 1808-1815.	0.6	116
16	Peripheral T cell survival. <i>Current Opinion in Immunology</i> , 1999, 11, 152-156.	2.4	103
17	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, 319-330.	4.2	101
18	Quorum-Sensing in CD4+ T Cell Homeostasis: A Hypothesis and a Model. <i>Frontiers in Immunology</i> , 2012, 3, 125.	2.2	95

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19	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, 239-249.	2.7	90
20	IL-2 coordinates IL-2-producing and regulatory T cell interplay. <i>Journal of Experimental Medicine</i> , 2013, 210, 2707-2720.	4.2	85
21	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. <i>Cell Reports</i> , 2016, 16, 2777-2791.	2.9	84
22	Selection of VH gene repertoires: differentiating B cells of adult bone marrow mimic fetal development. <i>International Immunology</i> , 1990, 2, 15-23.	1.8	82
23	Independent homeostatic regulation of B cell compartments. <i>European Journal of Immunology</i> , 1997, 27, 1801-1807.	1.6	75
24	Expression of antibody V-regions is genetically and developmentally controlled and modulated by the B lymphocyte environment. <i>International Immunology</i> , 1989, 1, 342-354.	1.8	69
25	The role of cellular competition in B cell survival and selection of B cell repertoires. <i>European Journal of Immunology</i> , 1995, 25, 1729-1738.	1.6	67
26	IL-15-dependent balance between Foxp3 and ROR $\gamma$ t expression impacts inflammatory bowel disease. <i>Nature Communications</i> , 2016, 7, 10888.	5.8	65
27	Origin, trafficking, and intraepithelial fate of gut-tropic T cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 1839-1854.	4.2	62
28	B-cell homeostasis, competition, resources, and positive selection by self-antigens. <i>Immunological Reviews</i> , 2004, 197, 102-115.	2.8	60
29	Cellular competition modulates survival and selection of CD8+ T cells. <i>European Journal of Immunology</i> , 1996, 26, 2640-2649.	1.6	57
30	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, 2281-2295.	4.2	57
31	Normal serum immunoglobulins influence the numbers of bone marrow pre-B and B cells. <i>European Journal of Immunology</i> , 1991, 21, 1155-1161.	1.6	53
32	Humanized mice: Current states and perspectives. <i>Immunology Letters</i> , 2012, 146, 1-7.	1.1	52
33	Impaired regeneration of the peripheral B cell repertoire from bone marrow following lymphopenia in old mice. <i>European Journal of Immunology</i> , 2001, 31, 500-505.	1.6	49
34	Notch signaling: Distinct ligands induce specific signals during lymphocyte development and maturation. <i>Immunology Letters</i> , 2006, 102, 1-9.	1.1	49
35	Hemorrhage in mice induces alterations in immunoglobulin-secreting B cells. <i>Critical Care Medicine</i> , 1989, 17, 1015-1019.	0.4	48
36	The role of the B cell receptor V region in peripheral B cell survival. <i>European Journal of Immunology</i> , 1998, 28, 2685-2693.	1.6	47

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37	Positive Selection of B Cells Expressing Low Densities of Self-reactive BCRs. <i>Journal of Experimental Medicine</i> , 2004, 199, 843-853.	4.2	42
38	The clone size of peripheral CD8 T cells is regulated by TCR promiscuity. <i>Journal of Experimental Medicine</i> , 2006, 203, 1643-1649.	4.2	42
39	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, 2730-2737.	0.4	40
40	Immunoglobulin VH gene expression in Ly-1+ and conventional B lymphocytes. <i>European Journal of Immunology</i> , 1989, 19, 1117-1122.	1.6	39
41	Positive and Negative Selection of Antibody Repertoires during B-Cell Differentiation. <i>Immunological Reviews</i> , 1994, 137, 53-89.	2.8	39
42	Endogenous VH gene family expression in immunoglobulin-transgenic mice: evidence for selection of antibody repertoires. <i>International Immunology</i> , 1991, 3, 67-73.	1.8	33
43	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, 237-246.	1.8	28
44	Resource Competition Determines Selection of B Cell Repertoires. <i>Journal of Theoretical Biology</i> , 2001, 212, 333-343.	0.8	28
45	Expression and Selection of Murine Antibody Repertoires. <i>International Reviews of Immunology</i> , 1992, 8, 173-187.	1.5	27
46	Agonist-Driven Development of CD4+CD25+Foxp3+ Regulatory T Cells Requires a Second Signal Mediated by Stat6. <i>Journal of Immunology</i> , 2007, 178, 7550-7556.	0.4	27
47	The majority of "natural" immunoglobulin-secreting cells are short-lived and the progeny of cycling lymphocytes. <i>European Journal of Immunology</i> , 1987, 17, 849-854.	1.6	26
48	Quorum Sensing Contributes to Activated IgM-Secreting B Cell Homeostasis. <i>Journal of Immunology</i> , 2013, 190, 106-114.	0.4	25
49	Secondary antibody responses to thymus-independent antigens. Decline and life-span of memory. <i>European Journal of Immunology</i> , 1988, 18, 1307-1314.	1.6	23
50	V region dependent selection of persistent resting peripheral B cells in normal mice. <i>International Immunology</i> , 1993, 5, 599-605.	1.8	23
51	Lymphocyte Survival: A Red Queen Hypothesis. <i>Science</i> , 1997, 277, 1950-1950.	6.0	23
52	The S(c)ensory Immune System Theory. <i>Trends in Immunology</i> , 2017, 38, 777-788.	2.9	21
53	Altered fatty acid membrane composition modifies lymphocyte localization in vivo. <i>Cellular Immunology</i> , 1987, 106, 387-396.	1.4	20
54	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. <i>European Journal of Immunology</i> , 1988, 18, 1979-1983.	1.6	19

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55	Hemorrhage in mice produces alterations in B cell repertoires. <i>Cellular Immunology</i> , 1989, 122, 208-217.	1.4	19
56	Clonal analysis of B lymphocyte responses to <i>Plasmodium chabaudi</i> infection of normal and immunoprotected mice. <i>International Immunology</i> , 1991, 3, 1207-1216.	1.8	19
57	CD8 T Cell Sensory Adaptation Dependent on TCR Avidity for Self-Antigens. <i>Journal of Immunology</i> , 2005, 175, 7388-7397.	0.4	19
58	Competition controls the rate of transition between the peripheral pools of CD4+CD25- and CD4+CD25+ T cells. <i>International Immunology</i> , 2006, 18, 1607-1613.	1.8	19
59	Interleukin 2 receptor expression and interleukin 2 production in exponentially growing T cells: major differences between <i>in vivo</i> and <i>in vitro</i> proliferating T lymphocytes. <i>European Journal of Immunology</i> , 1989, 19, 1137-1145.	1.6	18
60	Clonal persistence of B lymphocytes in normal mice is determined by variable region-dependent selection. <i>European Journal of Immunology</i> , 1991, 21, 2239-2246.	1.6	18
61	Analysis of VHGene Utilisation in the Non-Obese Diabetic Mouse. <i>Autoimmunity</i> , 1993, 15, 11-18.	1.2	17
62	CpG Inhibits Pro-B Cell Expansion through a Cathepsin B-Dependent Mechanism. <i>Journal of Immunology</i> , 2010, 184, 5678-5685.	0.4	16
63	The Role of TCR Specificity and Clonal Competition During Reconstruction of the Peripheral T Cell Pool. <i>Journal of Immunology</i> , 2009, 182, 5232-5239.	0.4	15
64	Divergency in the specificity of the induction and maintenance of neonatal suppression. <i>European Journal of Immunology</i> , 1990, 20, 1717-1721.	1.6	14
65	On the origin of natural IgM in immunoglobulin transgenic mice. <i>International Immunology</i> , 1992, 4, 1153-1160.	1.8	12
66	Population kinetics of peritoneal LPS-reactive B lymphocytes. <i>International Immunology</i> , 1990, 2, 73-81.	1.8	10
67	Different Competitive Capacities of Stat4- and Stat6-Deficient CD4+ T Cells during Lymphopenia-Driven Proliferation. <i>Journal of Immunology</i> , 2005, 174, 1178-1187.	0.4	10
68	Human Hematopoietic Reconstitution and HLA-Restricted Responses in Nonpermissive Alymphoid Mice. <i>Journal of Immunology</i> , 2014, 193, 1504-1511.	0.4	10
69	Endogenous TCR Recombination in TCR Tg Single RAG-Deficient Mice Uncovered by Robust <i>In Vivo</i> T Cell Activation and Selection. <i>PLoS ONE</i> , 2010, 5, e10238.	1.1	10
70	VH gene family repertoires of <i>œ viable motheaten</i> (mev) mice. <i>European Journal of Immunology</i> , 1990, 20, 1033-1037.	1.6	9
71	CD8+ T Lymphocytes in Double $\hat{\pm}$ 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, 6150-6157.	0.4	9
72	Homeostasis of naive T cells: the Foxo that fixes. <i>Nature Immunology</i> , 2009, 10, 133-134.	7.0	9

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73	Introduction: regulation of lymphocyte homeostasis. <i>Microbes and Infection</i> , 2002, 4, 529-530.	1.0	8
74	Cell-to-Cell Interactions and Signals Involved in the Reconstitution of Peripheral CD8+ TCM and TEM Cell Pools. <i>PLoS ONE</i> , 2011, 6, e17423.	1.1	8
75	A mathematical perspective on CD4+ T cell quorum-sensing. <i>Journal of Theoretical Biology</i> , 2014, 347, 160-175.	0.8	7
76	The role of the B cell receptor V region in peripheral B cell survival. , 1998, 28, 2685.		7
77	Factors which determine the accumulation of immunoblasts in gut and skin. <i>Agents and Actions</i> , 1976, 6, 32-39.	0.7	6
78	CD8+ T Lymphocytes in Double $\hat{I}\hat{I}^2$ TCR Transgenic Mice. II. Competitive Fitness of Dual $\hat{I}\hat{I}^2$ TCR CD8+ T Lymphocytes in the Peripheral Pools. <i>Journal of Immunology</i> , 2001, 167, 6158-6164.	0.4	6
79	Regulation of VH-gene expression is a lineage-specific developmental marker. <i>European Journal of Immunology</i> , 1994, 24, 1353-1358.	1.6	5
80	Wild-derived mouse strains, a valuable model to study B cell responses. <i>Molecular Immunology</i> , 2009, 46, 601-612.	1.0	5
81	Characterization of mouse thoracic duct B lymphocytes I. Evidence of functional heterogeneity. <i>European Journal of Immunology</i> , 1980, 10, 772-776.	1.6	4
82	Long-lasting thymus-independent immune responses to anti-idiotypic lipopolysaccharide conjugates require continuous B cell renewal. <i>European Journal of Immunology</i> , 1988, 18, 1433-1439.	1.6	4
83	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, 379-387.	0.8	4
84	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.	1.0	4
85	Considerations on B Cell Homeostasis. <i>Current Topics in Microbiology and Immunology</i> , 2000, , 67-75.	0.7	4
86	Regulation and Maintenance of an Adoptive T-Cell Dependent Memory B Cell Pool. <i>PLoS ONE</i> , 2016, 11, e0167003.	1.1	2
87	Immunoglobulin VH gene expression following hemorrhage. <i>Molecular Immunology</i> , 1990, 27, 921-927.	1.0	1
88	Peritoneal B-Cell Subsets in the Genus Mus: Their Role in Innate Immunity. <i>Critical Reviews in Immunology</i> , 2008, 28, 341-361.	1.0	1
89	Maria de Sousa, (1939-2020). <i>European Journal of Immunology</i> , 2020, 50, 768-769.	1.6	1
90	ESTABLISHMENT OF V-GENE REPERTOIRES IN NORMAL MICE. , 1990, , 125-128.		0

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91	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