

J Aramburu

List of Publications by Year in descending order

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55
papers

5,023
citations

126907

33
h-index

168389

53
g-index

57
all docs

57
docs citations

57
times ranked

5852
citing authors

#	ARTICLE	IF	CITATIONS
1	Affinity-Driven Peptide Selection of an NFAT Inhibitor More Selective Than Cyclosporin A. <i>Science</i> , 1999, 285, 2129-2133.	12.6	562
2	Concerted Dephosphorylation of the Transcription Factor NFAT1 Induces a Conformational Switch that Regulates Transcriptional Activity. <i>Molecular Cell</i> , 2000, 6, 539-550.	9.7	418
3	NFAT5, a constitutively nuclear NFAT protein that does not cooperate with Fos and Jun. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7214-7219.	7.1	352
4	Calcineurin: From structure to function. <i>Current Topics in Cellular Regulation</i> , 2001, 36, 237-295.	9.6	273
5	Selective Inhibition of NFAT Activation by a Peptide Spanning the Calcineurin Targeting Site of NFAT. <i>Molecular Cell</i> , 1998, 1, 627-637.	9.7	268
6	Manipulating Immune Responses with Immunosuppressive Agents that Target NFAT. <i>Immunity</i> , 2000, 12, 359-372.	14.3	267
7	Transgenic expression of green fluorescence protein can cause dilated cardiomyopathy. <i>Nature Medicine</i> , 2000, 6, 482-483.	30.7	246
8	Transient cardiac expression of constitutively active G α q leads to hypertrophy and dilated cardiomyopathy by calcineurin-dependent and independent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13893-13898.	7.1	243
9	Bridging the NFAT and NF- κ B Families. <i>Immunity</i> , 2001, 15, 47-58.	14.3	231
10	Interaction of calcineurin with a domain of the transcription factor NFAT1 that controls nuclear import.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 8907-8912.	7.1	164
11	Selective inhibition of calcineurin-NFAT signaling by blocking protein-protein interaction with small organic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7554-7559.	7.1	154
12	Gene expression induced by Toll-like receptors in macrophages requires the transcription factor NFAT5. <i>Journal of Experimental Medicine</i> , 2012, 209, 379-393.	8.5	143
13	Calcineurin: a central controller of signalling in eukaryotes. <i>EMBO Reports</i> , 2004, 5, 343-348.	4.5	140
14	Activation and expression of the nuclear factors of activated T cells, NFATp and NFATc, in human natural killer cells: regulation upon CD16 ligand binding.. <i>Journal of Experimental Medicine</i> , 1995, 182, 801-810.	8.5	130
15	Regulation of the hypertonic stress response and other cellular functions by the Rel-like transcription factor NFAT5. <i>Biochemical Pharmacology</i> , 2006, 72, 1597-1604.	4.4	112
16	The Hepatitis B Virus X Protein Induces HIV-1 Replication and Transcription in Synergy with T-cell Activation Signals. <i>Journal of Biological Chemistry</i> , 2001, 276, 35435-35443.	3.4	95
17	Functional ambivalence of the Kp43 (CD94) NK cell-associated surface antigen. <i>Journal of Immunology</i> , 1995, 154, 5779-88.	0.8	93
18	Two-site Interaction of Nuclear Factor of Activated T Cells with Activated Calcineurin. <i>Journal of Biological Chemistry</i> , 1998, 273, 23877-23883.	3.4	91

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19	A novel functional cell surface dimer (Kp43) expressed by natural killer cells and T cell receptor-gamma/delta+ T lymphocytes. I. Inhibition of the IL-2-dependent proliferation by anti-Kp43 monoclonal antibody. <i>Journal of Immunology</i> , 1990, 144, 3238-47.	0.8	83
20	Transcriptional regulation of the stress response by mTOR. <i>Science Signaling</i> , 2014, 7, re2.	3.6	81
21	Blockade of T-Cell Activation by Dithiocarbamates Involves Novel Mechanisms of Inhibition of Nuclear Factor of Activated T Cells. <i>Molecular and Cellular Biology</i> , 1997, 17, 6437-6447.	2.3	58
22	Regulation of Inflammatory Functions of Macrophages and T Lymphocytes by NFAT5. <i>Frontiers in Immunology</i> , 2019, 10, 535.	4.8	53
23	Tyrosine kinase-dependent activation of human NK cell functions upon stimulation through a 58-kDa surface antigen selectively expressed on discrete subsets of NK cells and T lymphocytes. <i>Journal of Immunology</i> , 1994, 152, 1662-73.	0.8	49
24	NFAT5 Regulates T Lymphocyte Homeostasis and CD24-Dependent T Cell Expansion under Pathologic Hyponatremia. <i>Journal of Immunology</i> , 2010, 185, 6624-6635.	0.8	47
25	Macrophage-specific MHCII expression is regulated by a remote <i>Ciita</i> enhancer controlled by NFAT5. <i>Journal of Experimental Medicine</i> , 2018, 215, 2901-2918.	8.5	47
26	A novel functional cell surface dimer (Kp43) expressed by natural killer cells and gamma/delta TCR+ T lymphocytes. II. Modulation of natural killer cytotoxicity by anti-Kp43 monoclonal antibody. <i>Journal of Immunology</i> , 1991, 147, 714-21.	0.8	44
27	The Transcription Factor NFAT5 Is Required for Cyclin Expression and Cell Cycle Progression in Cells Exposed to Hypertonic Stress. <i>PLoS ONE</i> , 2009, 4, e5245.	2.5	43
28	Transcriptional regulation of gene expression during osmotic stress responses by the mammalian target of rapamycin. <i>Nucleic Acids Research</i> , 2012, 40, 4368-4384.	14.5	40
29	NFAT5-Regulated Macrophage Polarization Supports the Proinflammatory Function of Macrophages and T Lymphocytes. <i>Journal of Immunology</i> , 2018, 200, 305-315.	0.8	40
30	Phospholipase D activation in human natural killer cells through the Kp43 and CD16 surface antigens takes place by different mechanisms. Involvement of the phospholipase D pathway in tumor necrosis factor alpha synthesis.. <i>Journal of Experimental Medicine</i> , 1992, 176, 9-17.	8.5	38
31	Analysis of the transcriptional activity of endogenous NFAT5 in primary cells using transgenic NFAT-luciferase reporter mice. <i>BMC Molecular Biology</i> , 2008, 9, 13.	3.0	35
32	NF-AT5: The NF-AT Family of Transcription Factors Expands in a New Direction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1999, 64, 517-526.	1.1	35
33	Identification of Natural Killer (NK) Cells in Lesions of Human Cutaneous Graft-Versus-Host Disease: Expression of a Novel NK-Associated Surface Antigen (Kp43) in Mononuclear Infiltrates. <i>Journal of Investigative Dermatology</i> , 1991, 97, 659-666.	0.7	34
34	Concentrations of cyclosporin A and FK506 that inhibit IL-2 induction in human T cells do not affect TGF- β 1 biosynthesis, whereas higher doses of cyclosporin A trigger apoptosis and release of preformed TGF- β 1. <i>Journal of Leukocyte Biology</i> , 2005, 77, 748-758.	3.3	32
35	Immunodeficiency and Autoimmune Enterocolopathy Linked to NFAT5 Haploinsufficiency. <i>Journal of Immunology</i> , 2015, 194, 2551-2560.	0.8	32
36	NFAT5 induction by the pre-T-cell receptor serves as a selective survival signal in T-lymphocyte development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16091-16096.	7.1	30

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37	Context-dependent regulation of Th17-associated genes and IFN γ expression by the transcription factor NFAT5. <i>Immunology and Cell Biology</i> , 2017, 95, 56-67.	2.3	27
38	Variability in the expression of a β 2-microglobulin epitope on hepatocytes in chronic type C hepatitis on treatment with interferon. <i>Hepatology</i> , 1993, 17, 372-382.	7.3	21
39	The Hepatitis B Virus X Protein Binds to and Activates the NH ₂ -Terminal trans-Activation Domain of Nuclear Factor of Activated T Cells-1. <i>Virology</i> , 2002, 299, 288-300.	2.4	21
40	Analgesia linked to Nav1.7 loss of function requires μ - and δ -opioid receptors. <i>Wellcome Open Research</i> , 2018, 3, 101.	1.8	21
41	A novel functional cell surface dimer (kp43) serves as accessory molecule for the activation of a subset of human gamma delta T cells. <i>Journal of Immunology</i> , 1993, 151, 1312-21.	0.8	18
42	Brx Shines a Light on the Route from Hyperosmolarity to NFAT5. <i>Science Signaling</i> , 2009, 2, pe20.	3.6	17
43	Transcription factors and target genes of pre-TCR signaling. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2305-2321.	5.4	17
44	The transcription factor NFAT5 limits infection-induced type I interferon responses. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	14
45	Stimulation of IL-2-activated natural killer cells through the Kp43 surface antigen up-regulates TNF-alpha production involving the LFA-1 integrin. <i>Journal of Immunology</i> , 1993, 151, 3420-9.	0.8	14
46	The Jak family tyrosine kinase Jak3 is required for IL-2 synthesis by naive/resting CD4+ T cells. <i>Journal of Immunology</i> , 1999, 163, 5411-7.	0.8	13
47	NFAT5 Amplifies Antipathogen Responses by Enhancing Chromatin Accessibility, H3K27 Demethylation, and Transcription Factor Recruitment. <i>Journal of Immunology</i> , 2021, 206, 2652-2667.	0.8	10
48	Exclusion of NFAT5 from Mitotic Chromatin Resets Its Nucleo-Cytoplasmic Distribution in Interphase. <i>PLoS ONE</i> , 2009, 4, e7036.	2.5	8
49	Variation of the prion gene in chimpanzees and its implication for prion diseases. <i>Neuroscience Letters</i> , 2004, 355, 157-160.	2.1	7
50	Salt-Sensitive Hypertension of the Renal Tubular Cell-Specific NFAT5 (Nuclear Factor of Activated Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	4
51	Variability in the expression of a beta 2-microglobulin epitope on hepatocytes in chronic type C hepatitis on treatment with interferon. <i>Hepatology</i> , 1993, 17, 372-82.	7.3	4
52	Leiomyosarkom des Nierenbeckens mit Metastasierung in Lunge und Rektum. <i>Coloproctology</i> , 1997, 19, 45-47.	0.3	2
53	Utilidad de las pelĂculas para debatir temas complejos: polĂtica, religiĂn y ciencia en Ăgora. <i>Educacion Medica</i> , 2012, 15, 95-101.	0.3	1
54	NFAT5 Controls the Integrity of Epidermis. <i>Frontiers in Immunology</i> , 2021, 12, 780727.	4.8	1

#	ARTICLE	IF	CITATIONS
55	Nuclear Factor of Activated T Cells (NFAT)., 2014, , 824-833.		0