Almudena R Ramiro

List of Publications by Year
in descending order

61 papers	3,844 citations	159585 30 h-index	149698 56 g-index
66 all docs	66 docs citations	66 times ranked	4102 citing authors

#	Article	IF	Citations
1	AID Is Required for c-myc/IgH Chromosome Translocations In Vivo. Cell, 2004, 118, 431-438.	28.9	417
2	Transcription enhances AID-mediated cytidine deamination by exposing single-stranded DNA on the nontemplate strand. Nature Immunology, 2003, 4, 452-456.	14.5	399
3	Role of genomic instability and p53 in AID-induced c-mycâ€“Igh translocations. Nature, 2006, 440, 105-109.	27.8	315
4	C-Terminal Deletion of AID Uncouples Class Switch Recombination from Somatic Hypermutation and Gene Conversion. Molecular Cell, 2003, 12, 501-508.	9.7	256
5	miR-181b negatively regulates activation-induced cytidine deaminase in B cells. Journal of Experimental Medicine, 2008, 205, 2199-2206.	8.5	221
6	Estrogen directly activates AID transcription and function. Journal of Experimental Medicine, 2009, 206, 99-111.	8.5	220
7	Somatic Hypermutation Is Limited by CRM1-dependent Nuclear Export of Activation-induced Deaminase. Journal of Experimental Medicine, 2004, 199, 1235-1244.	8.5	205
8	MicroRNAs Prevent the Generation of Autoreactive Antibodies. Immunity, 2010, 33, 713-722.	14.3	143
9	Identification of a Common Developmental Pathway for Thymic Natural Killer Cells and Dendritic Cells. Blood, 1998, 91, 2760-2771.	1.4	114
10	A broad atlas of somatic hypermutation allows prediction of activation-induced deaminase targets. Journal of Experimental Medicine, 2018, 215, 761-771.	8.5	87
11	Regulation of Bâ€cell development and function by micro<scp>RNA</scp>s. Immunological Reviews, 2013, 253, 25-39.	6.0	83
12	Aging-Associated miR-217 Aggravates Atherosclerosis and Promotes Cardiovascular Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2408-2424.	2.4	73
13	ALDH4A1 is an atherosclerosis auto-antigen targeted by protective antibodies. Nature, 2021, 589, 287-292.	27.8	72
14	MicroRNA control of lymphocyte differentiation and function. Current Opinion in Immunology, 2011, 23, 368-373.	5.5	71
15	Regulation of pre-T cell receptor (pT alpha-TCR beta) gene expression during human thymic development.. Journal of Experimental Medicine, 1996, 184, 519-530.	8.5	65
16	The Role of Activationâ€Induced Deaminase in Antibody Diversification and Chromosome Translocations. Advances in Immunology, 2007, 94, 75-107.	2.2	57
17	miR-217 is an oncogene that enhances the germinal center reaction. Blood, 2014, 124, 229-239.	1.4	57
18	miR-28 regulates the germinal center reaction and blocks tumor growth in preclinical models of non-Hodgkin lymphoma. Blood, 2017, 129, 2408-2419.	1.4	52

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19	Activation-induced deaminase: controversies and open questions. Trends in Immunology, 2005, 26, 90-96.	6.8	51
20	Î²-Selection Is Associated With the Onset of CD8Î² Chain Expression on CD4+CD8îœ€îœ€+ Pre-T Cells During Human Intrathymic Development. Blood, 1999, 94, 3491-3498.	1.4	50
21	Haploinsufficiency of Activation-Induced Deaminase for Antibody Diversification and Chromosome Translocations both In Vitro and In Vivo. PLoS ONE, 2008, 3, e3927.	2.5	50
22	3â€² Uridylation controls mature microRNA turnover during CD4 T-cell activation. Rna, 2017, 23, 882-891.	3.5	47
23	Activation-induced cytidine deaminase and active cytidine demethylation. Trends in Biochemical Sciences, 2015, 40, 172-181.	7.5	46
24	Transfer of extracellular vesicleâ€•micro ‹scp›RNA‹/scp› controls germinal center reaction and antibody production. EMBO Reports, 2020, 21, e48925.	4.5	46
25	Activation-induced deaminase: light and dark sides. Trends in Molecular Medicine, 2006, 12, 432-439.	6.7	42
26	UNG shapes the specificity of AID-induced somatic hypermutation. Journal of Experimental Medicine, 2012, 209, 1379-1389.	8.5	41
27	In vivo conditional deletion of HDAC7 reveals its requirement to establish proper B lymphocyte identity and development. Journal of Experimental Medicine, 2016, 213, 2591-2601.	8.5	39
28	Identification of a Late Stage of Small Noncycling pTÎ±â˜ â€‰Pre-T Cells as Immediate Precursors of T Cell Receptor Î±/Î²+ â€‰Thymocytes. Journal of Experimental Medicine, 1998, 188, 1401-1412.	8.5	38
29	Oncogenic events triggered by AID, the adverse effect of antibody diversification. Carcinogenesis, 2007, 28, 2427-2433.	2.8	36
30	Identification of a myeloid intrathymic pathway of dendritic cell development marked by expression of the granulocyte macrophageâ€“colony-stimulating factor receptor. Blood, 2002, 99, 2948-2956.	1.4	33
31	Inactivation of nuclear GSK3Î² by Ser389 phosphorylation promotes lymphocyte fitness during DNA double-strand break response. Nature Communications, 2016, 7, 10553.	12.8	32
32	miRNA-Based Therapies in B Cell Non-Hodgkin Lymphoma. Trends in Immunology, 2020, 41, 932-947.	6.8	30
33	Conformational and Biochemical Differences in the TCRÂ·CD3 Complex of CD8+ Versus CD4+ Mature Lymphocytes Revealed in the Absence of CD3Î³. Journal of Biological Chemistry, 1999, 274, 35119-35128.	3.4	29
34	An Endoplasmic Reticulum Retention Function for the Cytoplasmic Tail of the Human Preâ€“T Cell Receptor (Tcr) Î± Chain. Journal of Experimental Medicine, 2001, 193, 1045-1058.	8.5	24
35	Regulation of surface expression of the human pre-T cell receptor complex. Seminars in Immunology, 2002, 14, 325-334.	5.6	24
36	Frequent mutations in the amino-terminal domain of BCL7A impair its tumor suppressor role in DLBCL. Leukemia, 2020, 34, 2722-2735.	7.2	24

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37	A new role for circulating T follicular helper cells in humoral response to anti-PD-1 therapy. , 2020, 8, e001187.		23
38	CTCF orchestrates the germinal centre transcriptional program and prevents premature plasma cell differentiation. Nature Communications, 2017, 8, 16067.	12.8	22
39	Infectious stimuli promote malignant B-cell acute lymphoblastic leukemia in the absence of AID. Nature Communications, 2019, 10, 5563.	12.8	21
40	From Loops to Looks: Transcription Factors and Chromatin Organization Shaping Terminal B Cell Differentiation. Trends in Immunology, 2020, 41, 46-60.	6.8	21
41	Differential Developmental Regulation and Functional Effects on Pre-TCR Surface Expression of Human pTÎ±a and pTÎ±b Spliced Isoforms. Journal of Immunology, 2001, 167, 5106-5114.	0.8	18
42	Herpesvirus saimiri immortalization of Î±Î² and Î³Î´ human T-lineage cells derived from CD34+ intrathymic precursors in vitro. International Immunology, 1996, 8, 1797-1805.	4.0	17
43	Enhanced Green Fluorescent Protein as an Efficient Reporter Gene for Retroviral Transduction of Human Multipotent Lymphoid Precursors. Human Gene Therapy, 1998, 9, 1103-1109.	2.7	17
44	Primary T-cell immunodeficiency with functional revertant somatic mosaicism in CD247. Journal of Allergy and Clinical Immunology, 2017, 139, 347-349.e8.	2.9	17
45	Switching on Chromosomal Translocations: Table 1.. Cancer Research, 2006, 66, 7837-7839.	0.9	15
46	Beta-selection is associated with the onset of CD8beta chain expression on CD4(+)CD8alphaalpha(+) pre-T cells during human intrathymic development. Blood, 1999, 94, 3491-8.	1.4	13
47	Activation-induced cytidine deaminase targets SUV4-20-mediated histone H4K20 trimethylation to class-switch recombination sites. Scientific Reports, 2017, 7, 7594.	3.3	10
48	Immune synapse instructs epigenomic and transcriptomic functional reprogramming in dendritic cells. Science Advances, 2021, 7, .	10.3	10
49	Amplifying Igh translocations. Nature Immunology, 2005, 6, 117-117.	14.5	9
50	MicroRNA Activity in B Lymphocytes. Methods in Molecular Biology, 2010, 667, 177-192.	0.9	9
51	CCCTC-Binding Factor Locks Premature IgH Germline Transcription and Restrains Class Switch Recombination. Frontiers in Immunology, 2017, 8, 1076.	4.8	8
52	Aid for AID. Nature, 2004, 430, 980-981.	27.8	6
53	Bptf determines oncogenic addiction in aggressive B-cell lymphomas. Oncogene, 2020, 39, 4884-4895.	5.9	6
54	<scp>AID</scp> â€expressing epithelium is protected from oncogenic transformation by an <scp>NKG</scp> 2D surveillance pathway. EMBO Molecular Medicine, 2015, 7, 1327-1336.	6.9	5

#	Article	IF	Citations
55	Interplay between UNG and AID governs intratumoral heterogeneity in mature B cell lymphoma. PLoS Genetics, 2020, 16, e1008960.	3.5	3
56	Estrogen directly activates AID transcription and function. Journal of Cell Biology, 2009, 184, i5-i5.	5.2	1
57	Regulatory Mechanisms of AID Function. Modecular Medicine and Medicinal, 2010, , 127-151.	0.4	0
58	Interplay between UNG and AID governs intratumoral heterogeneity in mature B cell lymphoma. , 2020, 16, e1008960.		0
59	Interplay between UNG and AID governs intratumoral heterogeneity in mature B cell lymphoma. , 2020, 16, e1008960.		0
60	Interplay between UNG and AID governs intratumoral heterogeneity in mature B cell lymphoma. , 2020, 16, e1008960.		0
61	Interplay between UNG and AID governs intratumoral heterogeneity in mature B cell lymphoma. , 2020, 16, e1008960.		0