

Inga-Lill Martensson

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,111
citations

201385

27
h-index

155451

55
g-index

59
all docs

59
docs citations

59
times ranked

3943
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in the homeobox gene HESX1/Hesx1 associated with septo-optic dysplasia in human and mouse. <i>Nature Genetics</i> , 1998, 19, 125-133.	9.4	719
2	Linkage between endosomal escape of LNP-mRNA and loading into EVs for transport to other cells. <i>Nature Communications</i> , 2019, 10, 4333.	5.8	211
3	Complementary Signaling through flt3 and Interleukin-7 Receptor $\hat{1}$ Is Indispensable for Fetal and Adult B Cell Genesis. <i>Journal of Experimental Medicine</i> , 2003, 198, 1495-1506.	4.2	157
4	Censoring of Autoreactive B Cell Development by the Pre-B Cell Receptor. <i>Science</i> , 2008, 321, 696-699.	6.0	136
5	VpreB1/VpreB2/ $\hat{1}$ 5 Triple-Deficient Mice Show Impaired B Cell Development but Functional Allelic Exclusion of the <i>IgH</i> Locus. <i>Journal of Immunology</i> , 2002, 168, 6286-6293.	0.4	128
6	The pre-B-cell receptor. <i>Current Opinion in Immunology</i> , 2007, 19, 137-142.	2.4	92
7	Loss of Precursor B Cell Expansion but Not Allelic Exclusion in VpreB1/VpreB2 Double-Deficient Mice. <i>Journal of Experimental Medicine</i> , 2001, 193, 435-446.	4.2	87
8	Estrogen induces St6gal1 expression and increases IgG sialylation in mice and patients with rheumatoid arthritis: a potential explanation for the increased risk of rheumatoid arthritis in postmenopausal women. <i>Arthritis Research and Therapy</i> , 2018, 20, 84.	1.6	79
9	Long-Lived Plasma Cells in Mice and Men. <i>Frontiers in Immunology</i> , 2018, 9, 2673.	2.2	76
10	OX40 Ligand and CD30 Ligand Are Expressed on Adult but Not Neonatal CD4+CD3 $\hat{1}$ Inducer Cells: Evidence That IL-7 Signals Regulate CD30 Ligand but Not OX40 Ligand Expression. <i>Journal of Immunology</i> , 2005, 174, 6686-6691.	0.4	74
11	B-lineage commitment prior to surface expression of B220 and CD19 on hematopoietic progenitor cells. <i>Blood</i> , 2008, 112, 1048-1055.	0.6	72
12	CD21 $\hat{1}$ low B cells in human blood are memory cells. <i>Clinical and Experimental Immunology</i> , 2016, 185, 252-262.	1.1	69
13	CD21 $\hat{1}$ low B cells: A Snapshot of a Unique B Cell Subset in Health and Disease. <i>Scandinavian Journal of Immunology</i> , 2015, 82, 254-261.	1.3	68
14	Testosterone is an endogenous regulator of BAFF and splenic B cell number. <i>Nature Communications</i> , 2018, 9, 2067.	5.8	66
15	The pre-B cell receptor and its role in proliferation and Ig heavy chain allelic exclusion. <i>Seminars in Immunology</i> , 2002, 14, 335-342.	2.7	59
16	The pre-B cell receptor checkpoint. <i>FEBS Letters</i> , 2010, 584, 2572-2579.	1.3	57
17	Surface $\hat{1}$ 4 Heavy Chain Signals Down-Regulation of the V(D)J-Recombinase Machinery in the Absence of Surrogate Light Chain Components. <i>Journal of Experimental Medicine</i> , 2004, 199, 1523-1532.	4.2	55
18	Two Pathways of B-Lymphocyte Development in Mouse Bone Marrow and the Roles of Surrogate L Chain in this Development. <i>Immunological Reviews</i> , 1994, 137, 185-201.	2.8	54

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19	The c-myc protein represses the $\hat{\imath}$ 5 and TdT initiators. <i>Nucleic Acids Research</i> , 1995, 23, 1-9.	6.5	53
20	A Transgenic Marker for Mouse B Lymphoid Precursors. <i>Journal of Experimental Medicine</i> , 1997, 185, 653-662.	4.2	52
21	Cutting Edge: The PI3K p110 $\hat{\imath}$ Is Required for Down-Regulation of RAG Expression in Immature B Cells. <i>Journal of Immunology</i> , 2007, 178, 1981-1985.	0.4	52
22	MiR-210 Is Induced by Oct-2, Regulates B Cells, and Inhibits Autoantibody Production. <i>Journal of Immunology</i> , 2013, 191, 3037-3048.	0.4	48
23	The Role of the Pre-B Cell Receptor in B Cell Development, Repertoire Selection, and Tolerance. <i>Frontiers in Immunology</i> , 2018, 9, 2423.	2.2	45
24	The pre-B-cell receptor induces silencing of VpreB and $\hat{\imath}$ 5 transcription. <i>EMBO Journal</i> , 2005, 24, 3895-3905.	3.5	43
25	CD21 ^{low} B cells associate with joint damage in rheumatoid arthritis patients. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12792.	1.3	33
26	Transcription of productive and nonproductive VDJ-recombined alleles after IgH allelic exclusion. <i>EMBO Journal</i> , 2007, 26, 4273-4282.	3.5	32
27	The murine VpreB1 and VpreB2 genes both encode a protein of the surrogate light chain and are co-expressed during B cell development. <i>European Journal of Immunology</i> , 1996, 26, 906-913.	1.6	31
28	Impaired B-1 and B-2 B $\hat{\imath}$ cell development and atypical splenic B $\hat{\imath}$ cell structures in IL-7 receptor-deficient mice. <i>European Journal of Immunology</i> , 2004, 34, 3595-3603.	1.6	28
29	Age-associated B $\hat{\imath}$ cells expanded in autoimmune mice are memory cells sharing H $\hat{\imath}$ CDR3 $\hat{\imath}$ selected repertoires. <i>European Journal of Immunology</i> , 2018, 48, 509-521.	1.6	28
30	Pre-B cell-specific $\hat{\imath}$ 5 gene expression due to suppression in non pre-B cells. <i>International Immunology</i> , 1994, 6, 863-872.	1.8	27
31	Memory B Cells in Mouse Models. <i>Scandinavian Journal of Immunology</i> , 2013, 78, 149-156.	1.3	27
32	Partial block in B lymphocyte development at the transition into the pre-B cell receptor stage in VpreB1-deficient mice. <i>International Immunology</i> , 1999, 11, 453-460.	1.8	26
33	Early B cell factor binds to a site critical for $\hat{\imath}$ 5 core enhancer activity. <i>European Journal of Immunology</i> , 1997, 27, 315-320.	1.6	25
34	Both the pre-BCR and the IL-7R $\hat{\imath}$ are essential for expansion at the pre-BII cell stage in vivo. <i>European Journal of Immunology</i> , 2005, 35, 1969-1976.	1.6	25
35	The Expression Pattern of the Pre-B Cell Receptor Components Correlates with Cellular Stage and Clinical Outcome in Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2016, 11, e0162638.	1.1	25
36	Identification of a tissue- and differentiation stage-specific enhancer of the VpreB1 gene. <i>European Journal of Immunology</i> , 1998, 28, 787-798.	1.6	21

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37	Transient gene expression in untransformed lymphocytes. <i>European Journal of Immunology</i> , 1987, 17, 1499-1502.	1.6	20
38	PEBP2 and c-myc sites crucial for $\hat{\iota}$ 5 core enhancer activity in pre-B cells. <i>European Journal of Immunology</i> , 2001, 31, 3165-3174.	1.6	20
39	Silencing and Nuclear Repositioning of the $\hat{\iota}$ 5 Gene Locus at the Pre-B Cell Stage Requires Aiolos and OBF-1. <i>PLoS ONE</i> , 2008, 3, e3568.	1.1	19
40	Autoantibodies: Focus on anti-DNA antibodies. <i>Self/nonself</i> , 2011, 2, 11-18.	2.0	18
41	Androgens Regulate Bone Marrow B Lymphopoiesis in Male Mice by Targeting Osteoblast-Lineage Cells. <i>Endocrinology</i> , 2015, 156, 1228-1236.	1.4	16
42	Absence of surrogate light chain results in spontaneous autoreactive germinal centres expanding VH81X-expressing B cells. <i>Nature Communications</i> , 2015, 6, 7077.	5.8	16
43	Dissecting Integrin Expression and Function on Memory B Cells in Mice and Humans in Autoimmunity. <i>Frontiers in Immunology</i> , 2019, 10, 534.	2.2	15
44	Moderate- to high intensity aerobic and resistance exercise reduces peripheral blood regulatory cell populations in older adults with rheumatoid arthritis. <i>Immunity and Ageing</i> , 2020, 17, 12.	1.8	15
45	Human CD38 regulates B cell antigen receptor dynamic organization in normal and malignant B cells. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	13
46	Only VpreB1, but not VpreB2, is expressed at levels which allow normal development of B cells. <i>International Immunology</i> , 2006, 18, 163-172.	1.8	12
47	Surrogate light chain is required for central and peripheral Bâ€cell tolerance and inhibits antiâ€DNA antibody production by marginal zone B cells. <i>European Journal of Immunology</i> , 2015, 45, 1228-1237.	1.6	10
48	Regulation of interleukin 2 gene expression: discrepancy between enhancer activity and endogenous gene expression. <i>European Journal of Immunology</i> , 1989, 19, 145-149.	1.6	8
49	Gene Therapy Induces Antigen-Specific Tolerance in Experimental Collagen-Induced Arthritis. <i>PLoS ONE</i> , 2016, 11, e0154630.	1.1	8
50	Collagen epitope expression on B cells is sufficient to confer tolerance to collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 140.	1.6	8
51	$\langle scp \rangle CD \langle /scp \rangle 99$ expression is strongly associated with clinical outcome in children with Bâ€cell precursor acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2019, 184, 418-423.	1.2	8
52	ERG Controls B Cell Development by Promoting Igh V-to-DJ Recombination. <i>Cell Reports</i> , 2019, 29, 2756-2769.e6.	2.9	7
53	Transcriptional regulation of immunoglobulin expression in a chronic lymphocytic leukemia cell line. <i>European Journal of Immunology</i> , 1989, 19, 1625-1629.	1.6	4
54	Switched CD21â€low B cells with an antigen-presenting phenotype in the infant thymus. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1616-1620.e7.	1.5	4

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55	The VpreB1 enhancer drives developmental stage-specific gene expression in vivo. European Journal of Immunology, 2003, 33, 1117-1126.	1.6	3
56	Regulation of immunoglobulin gene expression in trans by phorbol esters. European Journal of Immunology, 1989, 19, 1497-1500.	1.6	2
57	RAG1 co-expression signature identifies ETV6-like B-cell precursor acute lymphoblastic leukemia in children. Cancer Medicine, 2021, 10, 3997-4003.	1.3	2
58	Uncoupling of Natural IgE Production and CD23 Surface Expression Levels. PLoS ONE, 2013, 8, e62851.	1.1	2
59	Identification of a tissue- and differentiation stage-specific enhancer of the VpreB1 gene. , 1998, 28, 787.		1