

Michele K Anderson

List of Publications by Year in descending order

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50
papers

3,854
citations

218381

26
h-index

233125

45
g-index

52
all docs

52
docs citations

52
times ranked

4019
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i> . <i>Science</i> , 2006, 314, 941-952.	6.0	1,018
2	The immune gene repertoire encoded in the purple sea urchin genome. <i>Developmental Biology</i> , 2006, 300, 349-365.	0.9	513
3	EVOLUTION OF ANTIGEN BINDING RECEPTORS. <i>Annual Review of Immunology</i> , 1999, 17, 109-147.	9.5	308
4	$\hat{1}\pm$, $\hat{1}^2$, $\hat{1}^3$, and $\hat{1}$ T Cell Antigen Receptor Genes Arose Early in Vertebrate Phylogeny. <i>Immunity</i> , 1997, 6, 1-11.	6.6	271
5	GATA-3 Expression Is Controlled by TCR Signals and Regulates CD4/CD8 Differentiation. <i>Immunity</i> , 2003, 19, 83-94.	6.6	223
6	Constitutive Expression of PU.1 in Fetal Hematopoietic Progenitors Blocks T Cell Development at the Pro-T Cell Stage. <i>Immunity</i> , 2002, 16, 285-296.	6.6	151
7	Immunoglobulin light chain class multiplicity and alternative organizational forms in early vertebrate phylogeny. <i>Immunogenetics</i> , 1994, 40, 83-99.	1.2	115
8	Localization of the Domains in Runx Transcription Factors Required for the Repression of CD4 in Thymocytes. <i>Journal of Immunology</i> , 2004, 172, 4359-4370.	0.4	82
9	Complex expression patterns of lymphocyte-specific genes during the development of cartilaginous fish implicate unique lymphoid tissues in generating an immune repertoire. <i>International Immunology</i> , 2001, 13, 567-580.	1.8	81
10	Generation of immunoglobulin light chain gene diversity in <i>Raja erinacea</i> is not associated with somatic rearrangement, an exception to a central paradigm of B cell immunity.. <i>Journal of Experimental Medicine</i> , 1995, 182, 109-119.	4.2	77
11	Definition of Regulatory Network Elements for T Cell Development by Perturbation Analysis with PU.1 and GATA-3. <i>Developmental Biology</i> , 2002, 246, 103-121.	0.9	74
12	At the crossroads: diverse roles of early thymocyte transcriptional regulators. <i>Immunological Reviews</i> , 2006, 209, 191-211.	2.8	71
13	The Basic Helix-Loop-Helix Transcription Factor HEBAIt Is Expressed in Pro-T Cells and Enhances the Generation of T Cell Precursors. <i>Journal of Immunology</i> , 2006, 177, 109-119.	0.4	65
14	Transcription factor expression dynamics of early T-lymphocyte specification and commitment. <i>Developmental Biology</i> , 2009, 325, 444-467.	0.9	63
15	Persistent Effects of Doxorubicin on Cardiac Gene Expression. <i>Journal of Molecular and Cellular Cardiology</i> , 1999, 31, 1435-1446.	0.9	60
16	Subversion of T lineage commitment by PU.1 in a clonal cell line system. <i>Developmental Biology</i> , 2005, 280, 448-466.	0.9	51
17	A long form of the skate IgX gene exhibits a striking resemblance to the new shark IgW and IgNARC genes. <i>Immunogenetics</i> , 1999, 49, 56-67.	1.2	50
18	Complete genomic sequence and patterns of transcription of a member of an unusual family of closely related, chromosomally dispersed Ig gene clusters in <i>Raja</i> . <i>International Immunology</i> , 1994, 6, 1661-1670.	1.8	46

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19	HEB is required for the specification of fetal IL-17-producing $\gamma\delta$ T cells. <i>Nature Communications</i> , 2017, 8, 2004.	5.8	45
20	Evolutionary Origins of Lymphocytes: Ensembles of T Cell and B Cell Transcriptional Regulators in a Cartilaginous Fish. <i>Journal of Immunology</i> , 2004, 172, 5851-5860.	0.4	43
21	DL4 beads induce T cell lineage differentiation from stem cells in a stromal cell-free system. <i>Nature Communications</i> , 2021, 12, 5023.	5.8	43
22	Transcriptional regulation of lymphocyte lineage commitment. <i>BioEssays</i> , 1999, 21, 726-742.	1.2	40
23	Elements of Transcription Factor Network Design for T-Lineage Specification. <i>Developmental Biology</i> , 2002, 246, 29-44.	0.9	36
24	Gamma delta T-cell differentiation and effector function programming, TCR signal strength, when and how much?. <i>Cellular Immunology</i> , 2015, 296, 70-75.	1.4	35
25	HEB in the Spotlight: Transcriptional Regulation of T-Cell Specification, Commitment, and Developmental Plasticity. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-15.	3.3	33
26	A conserved alternative form of the purple sea urchin HEB/E2-2/E2A transcription factor mediates a switch in E-protein regulatory state in differentiating immune cells. <i>Developmental Biology</i> , 2016, 416, 149-161.	0.9	32
27	HEB-Deficient T-Cell Precursors Lose T-Cell Potential and Adopt an Alternative Pathway of Differentiation. <i>Molecular and Cellular Biology</i> , 2011, 31, 971-982.	1.1	26
28	Targeted Disruption of TCF12 Reveals HEB as Essential in Human Mesodermal Specification and Hematopoiesis. <i>Stem Cell Reports</i> , 2017, 9, 779-795.	2.3	25
29	Precision Health Resource of Control iPSC Lines for Versatile Multilineage Differentiation. <i>Stem Cell Reports</i> , 2019, 13, 1126-1141.	2.3	24
30	Integration of T cell receptor, Notch and cytokine signals programs mouse $\gamma\delta$ T cell effector differentiation. <i>Immunology and Cell Biology</i> , 2018, 96, 994-1007.	1.0	21
31	Transcriptional priming of intrathymic precursors for dendritic cell development. <i>Development (Cambridge)</i> , 2012, 139, 373-384.	1.2	20
32	Dendritic Cell Development: A Choose-Your-Own-Adventure Story. <i>Advances in Hematology</i> , 2013, 2013, 1-16.	0.6	18
33	Developmental progression of fetal HEB precursors to the pre-T cell stage is restored by HEBAIt. <i>European Journal of Immunology</i> , 2010, 40, 3173-3182.	1.6	13
34	The structure and organization of immunoglobulin genes in lower vertebrates. , 1995, , 315-341.		12
35	HEBAIt enhances the T-cell potential of fetal myeloid-biased precursors. <i>International Immunology</i> , 2010, 22, 963-972.	1.8	12
36	Context-Dependent Regulation of Hematopoietic Lineage Choice by HEBAIt. <i>Journal of Immunology</i> , 2010, 185, 4109-4117.	0.4	11

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37	Interaction between $\hat{\beta}$ TCR signaling and the E protein axis in $\hat{\beta}$ T cell development. Immunological Reviews, 2020, 298, 181-197.	2.8	9
38	E2A regulates neural ectoderm fate specification in human embryonic stem cells. Development (Cambridge), 2020, 147, .	1.2	8
39	Ontogenic timing, T cell receptor signal strength, and Notch signaling direct $\hat{\beta}$ T cell functional differentiation in vivo. Cell Reports, 2021, 35, 109227.	2.9	8
40	Changing course by lymphocyte lineage redirection. Nature Immunology, 2013, 14, 199-201.	7.0	6
41	Cutting Edge: TCR $\hat{\beta}$ Selection Is Required at the CD4+CD8+ Stage of Human T Cell Development. Journal of Immunology, 2021, 206, 2271-2276.	0.4	5
42	A key role for IL $\hat{\epsilon}$ 7R in the generation of microenvironments required for thymic dendritic cells. Immunology and Cell Biology, 2017, 95, 933-942.	1.0	4
43	Universal rules of immunity. Immunology and Cell Biology, 2009, 87, 507-509.	1.0	2
44	Editorial: GCN5 opens the door for the IRF-4-mediated cascade of B cell differentiation. Journal of Leukocyte Biology, 2014, 95, 386-387.	1.5	1
45	Fetal Thymic Organ Culture (FTOC) Optimized for Gamma-Delta T Cell Studies. Methods in Molecular Biology, 2022, 2421, 243-265.	0.4	1
46	Realization of the T Lineage Program Involves GATA-3 Induction of Bcl11b and Repression of Cdkn2b Expression. Journal of Immunology, 2022, 209, 77-92.	0.4	1
47	Direct regulation of TCR rearrangement and expression by E proteins during early T cell development. WIREs Mechanisms of Disease, 2022, 14, .	1.5	1
48	Transcriptional priming of intrathymic precursors for dendritic cell development. Development (Cambridge), 2013, 140, 1369-1369.	1.2	0
49	More Than Two to Tango: Mesenchymal Cells Are Required for Early T Cell Development. Journal of Immunology, 2021, 207, 2203-2204.	0.4	0
50	Transcriptional and Microenvironmental Regulation of $\hat{\beta}$ T Cell Development. , 2016, , 211-217.		0