Tessa Crompton

List of Publications by Year
in descending order

74 papers	5,740 citations	117453 34 h-index	82410 72 g-index
74 all docs	74 docs citations	74 times ranked	6064 citing authors

#	Article	IF	Citations
1	Sonic Hedgehog signalling in the regulation of barrier tissue homeostasis and inflammation. FEBS Journal, 2022, 289, 8050-8061.	2.2	13
2	The pioneer transcription factors Foxa1 and Foxa2 regulate alternative RNA splicing during thymocyte positive selection. Development (Cambridge), 2021, 148, .	1.2	11
3	Systemic Pharmacological Smoothened Inhibition Reduces Lung T-Cell Infiltration and Ameliorates Th2 Inflammation in a Mouse Model of Allergic Airway Disease. Frontiers in Immunology, 2021, 12, 737245.	2.2	13
4	T cell phenotype in paediatric heart transplant recipients. Pediatric Transplantation, 2021, 25, e13930.	0.5	6
5	The IFITM protein family in adaptive immunity. Immunology, 2020, 159, 365-372.	2.0	85
6	The transcriptional repressor Bcl6 promotes pre-TCR induced differentiation to CD4+CD8+ thymocyte and attenuates Notch1 activation. Development (Cambridge), 2020, 147, .	1.2	18
7	Hedgehog signaling promotes TH2 differentiation in naive human CD4 T cells. Journal of Allergy and Clinical Immunology, 2019, 144, 1419-1423.e1.	1.5	19
8	Sonic Hedgehog Is a Determinant of Î³Î´ T-Cell Differentiation in the Thymus. Frontiers in Immunology, 2019, 10, 1629.	2.2	13
9	Dysregulated gene expression in oocysts of Plasmodium berghei LAP mutants. Molecular and Biochemical Parasitology, 2019, 229, 1-5.	0.5	4
10	IFITM proteins drive type 2 T helper cell differentiation and exacerbate allergic airway inflammation. European Journal of Immunology, 2019, 49, 66-78.	1.6	38
11	Sonic Hedgehog signaling limits atopic dermatitis via Gli2-driven immune regulation. Journal of Clinical Investigation, 2019, 129, 3153-3170.	3.9	37
12	In the fetal thymus, Gli3 in thymic epithelial cells promotes thymocyte positive selection and differentiation by repression of Shh. Development (Cambridge), 2018, 145, .	1.2	21
13	Transplanted human thymus slices induce and support Tâ€cell development in mice after cryopreservation. European Journal of Immunology, 2018, 48, 716-719.	1.6	10
14	A timer for analyzing temporally dynamic changes in transcription during differentiation in vivo. Journal of Cell Biology, 2018, 217, 2931-2950.	2.3	63
15	Foxa1 and Foxa2 in thymic epithelial cells (TEC) regulate medullary TEC and regulatory T-cell maturation. Journal of Autoimmunity, 2018, 93, 131-138.	3.0	16
16	A temporally dynamic <i>Foxp3</i> autoregulatory transcriptional circuit controls the effector Treg programme. EMBO Journal, 2018, 37, .	3.5	38
17	Frontline Science: Shh production and Gli signaling is activated in vivo in lung, enhancing the Th2 response during a murine model of allergic asthma. Journal of Leukocyte Biology, 2017, 102, 965-976.	1.5	28
18	Thymus transplantation for complete DiGeorge syndrome: European experience. Journal of Allergy and Clinical Immunology, 2017, 140, 1660-1670.e16.	1.5	108

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19	The transcription factor Gli3 promotes B cell development in fetal liver through repression of Shh. Journal of Experimental Medicine, 2017, 214, 2041-2058.	4.2	20
20	The kinesin motor protein Kif7 is required for T-cell development and normal MHC expression on thymic epithelial cells (TEC) in the thymus. Oncotarget, 2017, 8, 24163-24176.	0.8	19
21	Hedgehog Signalling in the Embryonic Mouse Thymus. Journal of Developmental Biology, 2016, 4, 22.	0.9	10
22	Sonic Hedgehog regulates thymic epithelial cell differentiation. Journal of Autoimmunity, 2016, 68, 86-97.	3.0	32
23	A genome wide transcriptional model of the complex response to pre-TCR signalling during thymocyte differentiation. Oncotarget, 2015, 6, 28646-28660.	0.8	20
24	The transcriptional activator Gli2 modulates T-cell receptor signalling through attenuation of AP-1 and NFÎºB activity. Journal of Cell Science, 2015, 128, 2085-2095.	1.2	44
25	Gli2, hedgehog and TCR signalling. Oncotarget, 2015, 6, 24592-24593.	0.8	4
26	Direct BMP2/4 signaling through BMP receptor IA regulates fetal thymocyte progenitor homeostasis and differentiation to CD4+CD8+ double-positive cell. Cell Cycle, 2014, 13, 324-333.	1.3	25
27	Phosphorylation of NTRK1 at Y674/Y675 induced by TP53-dependent repression of PTPN6 expression: A potential novel prognostic marker for breast cancer. Modern Pathology, 2014, 27, 361-374.	2.9	14
28	Tissue-Derived Hedgehog Proteins Modulate Th Differentiation and Disease. Journal of Immunology, 2013, 190, 2641-2649.	0.4	84
29	T-Cell Reconstitution after Thymus Xenotransplantation Induces Hair Depigmentation and Loss. Journal of Investigative Dermatology, 2013, 133, 1221-1230.	0.3	7
30	Regulation of murine normal and stress-induced erythropoiesis by Desert Hedgehog. Blood, 2012, 119, 4741-4751.	0.6	37
31	Role of Hedgehog signalling at the transition from doubleâ€positive to singleâ€positive thymocyte. European Journal of Immunology, 2012, 42, 489-499.	1.6	24
32	CD3+CD4â^'CD8â^' (double negative) T cells: Saviours or villains of the immune response?. Biochemical Pharmacology, 2011, 82, 333-340.	2.0	155
33	Role of endogenous Annexin-A1 in the regulation of thymocyte positive and negative selection. Cell Cycle, 2010, 9, 785-794.	1.3	19
34	Peptide-Specific, TCR-Î±â€"Driven, Coreceptor-Independent Negative Selection in TCR Î±-Chain Transgenic Mice. Journal of Immunology, 2010, 184, 650-657.	0.4	3
35	Analysis of the inflammatory response in HY-TCR transgenic mice highlights the pathogenic potential of CD4â^'CD8â^'T cells. Autoimmunity, 2010, 43, 672-681.	1.2	6
36	Non-redundant role for the transcription factor Gli1 at multiple stages of thymocyte development. Cell Cycle, 2010, 9, 4144-4152.	1.3	44

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37	Role of endogenous annexin-A1 in the regulation of thymocyte positive and negative selection. Cell Cycle, 2010, 9, 784-93.	1.3	11
38	Shh, BMP4 and IL-7 in the maintenance and differentiation of human CD34+ progenitor cells in the thymus. Cell Cycle, 2009, 8, 3809-3815.	1.3	0
39	The Gli3 Transcription Factor Expressed in the Thymus Stroma Controls Thymocyte Negative Selection Via Hedgehog-Dependent and -Independent Mechanisms. Journal of Immunology, 2009, 183, 3023-3032.	0.4	43
40	Indian hedgehog (Ihh) both promotes and restricts thymocyte differentiation. Blood, 2009, 113, 2217-2228.	0.6	51
41	Sonic hedgehog negatively regulates pre-TCRâ€“induced differentiation by a Gli2-dependent mechanism. Blood, 2009, 113, 5144-5156.	0.6	47
42	Repression of Hedgehog signal transduction in T-lineage cells increases TCR-induced activation and proliferation. Cell Cycle, 2008, 7, 904-908.	1.3	43
43	KLF13 influences multiple stages of both B and T cell development. Cell Cycle, 2008, 7, 2047-2055.	1.3	27
44	Splenomegaly and Modified Erythropoiesis in KLF13â€"/â€" Mice. Journal of Biological Chemistry, 2008, 283, 11897-11904.	1.6	36
45	Activation of the Hedgehog signaling pathway in T-lineage cells inhibits TCR repertoire selection in the thymus and peripheral T-cell activation. Blood, 2007, 109, 3757-3766.	0.6	78
46	A Novel Role for Hedgehog in T-Cell Receptor Signaling: Implications for Development and Immunity. Cell Cycle, 2007, 6, 2138-2142.	1.3	34
47	Î²-Selection: Abundance of TCRÎ²â€"/Î³Î´â€" CD44â€"CD25â€" (DN4) cells in the foetal thymus. European Journal of Immunology, 2007, 37, 487-500.	1.6	17
48	Sonic hedgehog signalling in T-cell development and activation. Nature Reviews Immunology, 2007, 7, 726-735.	10.6	136
49	Hedgehog Signalling in T Lymphocyte Development. , 2006, , 107-115.		0
50	The transcription factor Gli3 regulates differentiation of fetal CD4â€"CD8â€" double-negative thymocytes. Blood, 2005, 106, 1296-1304.	0.6	53
51	Sonic Hedgehog Is Produced by Follicular Dendritic Cells and Protects Germinal Center B Cells from Apoptosis. Journal of Immunology, 2005, 174, 1456-1461.	0.4	71
52	Reduced Thymocyte Development in Sonic Hedgehog Knockout Embryos. Journal of Immunology, 2004, 172, 2296-2306.	0.4	83
53	Sonic Hedgehog Regulates Early Human Thymocyte Differentiation by Counteracting the IL-7-Induced Development of CD34+ Precursor Cells. Journal of Immunology, 2004, 173, 5046-5053.	0.4	53
54	The role of morphogens in T-cell development. Trends in Immunology, 2003, 24, 197-206.	2.9	63

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55	Expression of Hedgehog Proteins in the Human Thymus. Journal of Histochemistry and Cytochemistry, 2003, 51, 1557-1566.	1.3	56
56	Expression and Function of the Eph A Receptors and Their Ligands Ephrins A in the Rat Thymus. Journal of Immunology, 2002, 169, 177-184.	0.4	58
57	Bone Morphogenetic Protein 2/4 Signaling Regulates Early Thymocyte Differentiation. Journal of Immunology, 2002, 169, 5496-5504.	0.4	119
58	Diacylglycerol kinase alpha activity promotes survival of CD4+ 8+ double positive cells during thymocyte development. Immunology, 2002, 105, 391-398.	2.0	21
59	A malaria scavenger receptor-like protein essential for parasite development. Molecular Microbiology, 2002, 45, 1473-1484.	1.2	79
60	Repression of CD2 Gene Expression Is Mediated by an AP-2 Related Factor. Biochemical and Biophysical Research Communications, 2001, 281, 409-415.	1.0	2
61	Selective silencing of full-length CD80 but not IgV-CD80 leads to impaired clonal deletion of self-reactive T cells and altered regulation of immune responses. European Journal of Immunology, 2001, 31, 118-127.	1.6	7
62	Hedgehog Signaling Regulates Differentiation from Double-Negative to Double-Positive Thymocyte. Immunity, 2000, 13, 187-197.	6.6	152
63	Distinct roles of the interleukin-7 receptor Î± chain in fetal and adult thymocyte development revealed by analysis of interleukin-7 receptor Î±-deficient mice. European Journal of Immunology, 1998, 28, 1859-1866.	1.6	48
64	Intrathymic Î´ Selection Events in Î³Î´ Cell Development. Immunity, 1997, 7, 83-95.	6.6	100
65	Cbfa1, a Candidate Gene for Cleidocranial Dysplasia Syndrome, Is Essential for Osteoblast Differentiation and Bone Development. Cell, 1997, 89, 765-771.	13.5	2,620
66	A transgenic T cell receptor restores thymocyte differentiation in interleukin-7 receptor Î± chain-deficient mice. European Journal of Immunology, 1997, 27, 100-104.	1.6	48
67	Raf regulates positive selection. European Journal of Immunology, 1996, 26, 2350-2355.	1.6	90
68	The MAP Kinase Pathway Controls Differentiation from Double-Negative to Double-Positive Thymocyte. Cell, 1996, 86, 243-251.	13.5	205
69	Double-negative thymocyte subsets in CD3â€² chain-deficient mice: Absence of HSA+CD44â^'CD25â^' cells. European Journal of Immunology, 1994, 24, 1903-1907.	1.6	50
70	CD4/CD8 lineage commitment in T cell receptor transgenic mice: evidence for precommitment of CD4+ CD8+ thymocytes. Seminars in Immunology, 1994, 6, 249-256.	2.7	2
71	Peripheral clonal deletion of superantigen-reactive T cells is enhanced by cortisone. European Journal of Immunology, 1993, 23, 578-581.	1.6	26
72	A cortisone sensitive CD3low subset of CD4+Ce8- thymocytes represents an intermediate stage in intrathymic repertoire selection. International Immunology, 1992, 4, 153-161.	1.8	20

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73	Propidium iodide staining correlates with the extent of DNA degradation in isolated nuclei. Biochemical and Biophysical Research Communications, 1992, 183, 532-537.	1.0	47
74	IL3-Dependent Cells Die by Apoptosis on Removal of their Growth Factor. Growth Factors, 1991, 4, 109-116.	0.5	36