

David Mathew Tarlinton

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

8,898
citations

109321

35
h-index

95266

68
g-index

88
all docs

88
docs citations

88
times ranked

11927
citing authors

#	ARTICLE	IF	CITATIONS
1	Proapoptotic Bcl-2 Relative Bim Required for Certain Apoptotic Responses, Leukocyte Homeostasis, and to Preclude Autoimmunity. <i>Science</i> , 1999, 286, 1735-1738.	12.6	1,386
2	The generation of antibody-secreting plasma cells. <i>Nature Reviews Immunology</i> , 2015, 15, 160-171.	22.7	1,034
3	IL-21 regulates germinal center B cell differentiation and proliferation through a B cellâ€™intrinsic mechanism. <i>Journal of Experimental Medicine</i> , 2010, 207, 365-378.	8.5	661
4	Plasma Cell Ontogeny Defined by Quantitative Changes in Blimp-1 Expression. <i>Journal of Experimental Medicine</i> , 2004, 200, 967-977.	8.5	470
5	Transcriptional profiling of mouse B cell terminal differentiation defines a signature for antibody-secreting plasma cells. <i>Nature Immunology</i> , 2015, 16, 663-673.	14.5	332
6	The phenotype and fate of the antibodyâ€™forming cells of the splenic foci. <i>European Journal of Immunology</i> , 1996, 26, 444-448.	2.9	315
7	The development and fate of follicular helper T cells defined by an IL-21 reporter mouse. <i>Nature Immunology</i> , 2012, 13, 491-498.	14.5	294
8	Mcl-1 is essential for the survival of plasma cells. <i>Nature Immunology</i> , 2013, 14, 290-297.	14.5	273
9	Loss of the Pro-Apoptotic BH3-only Bcl-2 Family Member Bim Inhibits BCR Stimulationâ€™induced Apoptosis and Deletion of Autoreactive B Cells. <i>Journal of Experimental Medicine</i> , 2003, 198, 1119-1126.	8.5	267
10	B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 1377-1388.	8.5	250
11	Inhibition of the B Cell by CD22: A Requirement for Lyn. <i>Journal of Experimental Medicine</i> , 1998, 187, 807-811.	8.5	245
12	Early appearance of germinal centerâ€™derived memory B cells and plasma cells in blood after primary immunization. <i>Journal of Experimental Medicine</i> , 2005, 201, 545-554.	8.5	238
13	Defective Gp130-Mediated Signal Transducer and Activator of Transcription (Stat) Signaling Results in Degenerative Joint Disease, Gastrointestinal Ulceration, and Failure of Uterine Implantation. <i>Journal of Experimental Medicine</i> , 2001, 194, 189-204.	8.5	214
14	bcl-2 Transgene Expression Inhibits Apoptosis in the Germinal Center and Reveals Differences in the Selection of Memory B Cells and Bone Marrow Antibody-Forming Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 475-484.	8.5	209
15	Evidence from the generation of immunoglobulin Gâ€™secreting cells that stochastic mechanisms regulate lymphocyte differentiation. <i>Nature Immunology</i> , 2004, 5, 55-63.	14.5	201
16	Mcl-1 Is Essential for Germinal Center Formation and B Cell Memory. <i>Science</i> , 2010, 330, 1095-1099.	12.6	196
17	Megakaryocytes constitute a functional component of a plasma cell niche in the bone marrow. <i>Blood</i> , 2010, 116, 1867-1875.	1.4	189
18	Diversity Among Memory B Cells: Origin, Consequences, and Utility. <i>Science</i> , 2013, 341, 1205-1211.	12.6	175

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19	The transcription factors IRF8 and PU.1 negatively regulate plasma cell differentiation. <i>Journal of Experimental Medicine</i> , 2014, 211, 2169-2181.	8.5	126
20	Plasma cell output from germinal centers is regulated by signals from Tfh and stromal cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 1227-1243.	8.5	113
21	Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2017, 24, 878-888.	11.2	103
22	B cell memory: understanding COVID-19. <i>Immunity</i> , 2021, 54, 205-210.	14.3	102
23	BH3 mimetics antagonizing restricted prosurvival Bcl-2 proteins represent another class of selective immune modulatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10967-10971.	7.1	97
24	Regulation of germinal center responses, memory B cells and plasma cell formation – an update. <i>Current Opinion in Immunology</i> , 2016, 39, 59-67.	5.5	85
25	Fas ligand-mediated immune surveillance by T cells is essential for the control of spontaneous B cell lymphomas. <i>Nature Medicine</i> , 2014, 20, 283-290.	30.7	79
26	Determining germinal centre B cell fate. <i>Trends in Immunology</i> , 2012, 33, 281-288.	6.8	78
27	Antigen delivery via two molecules on the CD8- dendritic cell subset induces humoral immunity in the absence of conventional ‘danger’. <i>European Journal of Immunology</i> , 2005, 35, 2815-2825.	2.9	71
28	Targeting Antigen to Clec9A Primes Follicular Th Cell Memory Responses Capable of Robust Recall. <i>Journal of Immunology</i> , 2015, 195, 1006-1014.	0.8	65
29	Dynamic changes in Id3 and E-protein activity orchestrate germinal center and plasma cell development. <i>Journal of Experimental Medicine</i> , 2016, 213, 1095-1111.	8.5	53
30	MCL-1 is required throughout B-cell development and its loss sensitizes specific B-cell subsets to inhibition of BCL-2 or BCL-XL. <i>Cell Death and Disease</i> , 2016, 7, e2345-e2345.	6.3	53
31	c-Myb Regulates the T-Bet-Dependent Differentiation Program in B Cells to Coordinate Antibody Responses. <i>Cell Reports</i> , 2017, 19, 461-470.	6.4	53
32	Innate Immunity in the Central Nervous System: A Missing Piece of the Autoimmune Encephalitis Puzzle?. <i>Frontiers in Immunology</i> , 2019, 10, 2066.	4.8	53
33	IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. <i>Cell Reports</i> , 2019, 29, 2634-2645.e5.	6.4	47
34	B1 and B2 cells differ in their potential to switch immunoglobulin isotype. <i>European Journal of Immunology</i> , 1995, 25, 3388-3393.	2.9	43
35	IL4 and IL21 cooperate to induce the high Bcl6 protein level required for germinal center formation. <i>Immunology and Cell Biology</i> , 2017, 95, 925-932.	2.3	42
36	How intrinsic and extrinsic regulators of plasma cell survival might intersect for durable humoral immunity. <i>Immunological Reviews</i> , 2020, 296, 87-103.	6.0	39

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37	The Transcription Factor ASCIZ and Its Target DYNLL1 Are Essential for the Development and Expansion of MYC-Driven B Cell Lymphoma. <i>Cell Reports</i> , 2016, 14, 1488-1499.	6.4	36
38	Glucocorticoid-induced leucine zipper (GILZ) inhibits B cell activation in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 739-747.	0.9	36
39	The Zinc-finger protein ASCIZ regulates B cell development via DYNLL1 and Bim. <i>Journal of Experimental Medicine</i> , 2012, 209, 1629-1639.	8.5	35
40	Lyn, Lupus, and (B) Lymphocytes, a Lesson on the Critical Balance of Kinase Signaling in Immunity. <i>Frontiers in Immunology</i> , 2018, 9, 401.	4.8	34
41	Dynein light chain regulates adaptive and innate B cell development by distinctive genetic mechanisms. <i>PLoS Genetics</i> , 2017, 13, e1007010.	3.5	33
42	c-Myb is required for plasma cell migration to bone marrow after immunization or infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 1001-1009.	8.5	32
43	The Amount of BCL6 in B Cells Shortly after Antigen Engagement Determines Their Representation in Subsequent Germinal Centers. <i>Cell Reports</i> , 2020, 30, 1530-1541.e4.	6.4	32
44	The life and death of immune cell types: the role of BCL2 anti-apoptotic molecules. <i>Immunology and Cell Biology</i> , 2017, 95, 870-877.	2.3	30
45	Lymph node stromal CCL2 limits antibody responses. <i>Science Immunology</i> , 2020, 5, .	11.9	30
46	An Erg-driven transcriptional program controls B cell lymphopoiesis. <i>Nature Communications</i> , 2020, 11, 3013.	12.8	29
47	B-Cell Differentiation in the Bone Marrow and the Periphery. <i>Immunological Reviews</i> , 1994, 137, 203-229.	6.0	28
48	Evolution of B Cell Responses to Clec9A-Targeted Antigen. <i>Journal of Immunology</i> , 2013, 191, 4919-4925.	0.8	28
49	B cells still front and centre in immunology. <i>Nature Reviews Immunology</i> , 2019, 19, 85-86.	22.7	27
50	BAFF, IL4 and IL21 separably program germinal center-like phenotype acquisition, BCL6 expression, proliferation and survival of CD40L-activated B cells <i>in vitro</i> . <i>Immunology and Cell Biology</i> , 2019, 97, 826-839.	2.3	24
51	Innate Allorecognition Results in Rapid Accumulation of Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2016, 197, 2000-2008.	0.8	22
52	Display of Native Antigen on cDC1 That Have Spatial Access to Both T and B Cells Underlies Efficient Humoral Vaccination. <i>Journal of Immunology</i> , 2020, 205, 1842-1856.	0.8	20
53	The concerted change in the distribution of cell cycle phases and zone composition in germinal centers is regulated by IL-21. <i>Nature Communications</i> , 2021, 12, 7160.	12.8	19
54	Atypical chemokine receptor 4 shapes activated B cell fate. <i>Journal of Experimental Medicine</i> , 2018, 215, 801-813.	8.5	18

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55	The tyrosine kinase Lyn limits the cytokine responsiveness of plasma cells to restrict their accumulation in mice. <i>Science Signaling</i> , 2014, 7, ra77.	3.6	17
56	Targeting BMI-1 in B cells restores effective humoral immune responses and controls chronic viral infection. <i>Nature Immunology</i> , 2022, 23, 86-98.	14.5	17
57	IL-21 has a critical role in establishing germinal centers by amplifying early B cell proliferation. <i>EMBO Reports</i> , 2022, 23, .	4.5	16
58	Proapoptotic BIM Impacts B Lymphoid Homeostasis by Limiting the Survival of Mature B Cells in a Cell-Autonomous Manner. <i>Frontiers in Immunology</i> , 2018, 9, 592.	4.8	13
59	Seizures in autoimmune encephalitis: Kindling the fire. <i>Epilepsia</i> , 2020, 61, 1033-1044.	5.1	13
60	Hhex regulates murine lymphoid progenitor survival independently of Stat5 and Cdkn2a. <i>European Journal of Immunology</i> , 2020, 50, 959-971.	2.9	13
61	Targeting plasma cells: are we any closer to a panacea for diseases of antibody-secreting cells?. <i>Immunological Reviews</i> , 2016, 270, 78-94.	6.0	10
62	Do plasma cells contribute to the determination of their lifespan?. <i>Immunology and Cell Biology</i> , 2020, 98, 449-455.	2.3	8
63	To affinity and beyond. <i>Nature</i> , 2014, 509, 573-574.	27.8	7
64	B-Cell Differentiation: Instructive One Day, Stochastic the Next. <i>Current Biology</i> , 2012, 22, R235-R237.	3.9	6
65	Editorial overview: Germinal centers and memory B-cells: from here to eternity. <i>Current Opinion in Immunology</i> , 2017, 45, v-viii.	5.5	6
66	The ASCIZ-DYNLL1 Axis Is Essential for TLR4-Mediated Antibody Responses and NF- κ B Pathway Activation. <i>Molecular and Cellular Biology</i> , 2021, 41, e0025121.	2.3	3
67	Electroclinical biomarkers of autoimmune encephalitis. <i>Epilepsy and Behavior</i> , 2022, 128, 108571.	1.7	2
68	HIV Vaccines: One Step Closer. <i>Trends in Molecular Medicine</i> , 2017, 23, 1-3.	6.7	1
69	Complement-in TM the germinal center response. <i>Nature Immunology</i> , 2021, 22, 673-674.	14.5	0