David Mathew Tarlinton

List of Publications by Year
in descending order

69	8,898	109264 35	95218 68
papers	citations	h-index	g-index

88	88	88	11927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proapoptotic Bcl-2 Relative Bim Required for Certain Apoptotic Responses, Leukocyte Homeostasis, and to Preclude Autoimmunity. Science, 1999, 286, 1735-1738.	6.0	1,386
2	The generation of antibody-secreting plasma cells. Nature Reviews Immunology, 2015, 15, 160-171.	10.6	1,034
3	IL-21 regulates germinal center B cell differentiation and proliferation through a B cellâ€“intrinsic mechanism. Journal of Experimental Medicine, 2010, 207, 365-378.	4.2	661
4	Plasma Cell Ontogeny Defined by Quantitative Changes in Blimp-1 Expression. Journal of Experimental Medicine, 2004, 200, 967-977.	4.2	470
5	Transcriptional profiling of mouse B cell terminal differentiation defines a signature for antibody-secreting plasma cells. Nature Immunology, 2015, 16, 663-673.	7.0	332
6	The phenotype and fate of the antibody-forming cells of the splenic foci. European Journal of Immunology, 1996, 26, 444-448.	1.6	315
7	The development and fate of follicular helper T cells defined by an IL-21 reporter mouse. Nature Immunology, 2012, 13, 491-498.	7.0	294
8	Mcl-1 is essential for the survival of plasma cells. Nature Immunology, 2013, 14, 290-297.	7.0	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. Journal of Experimental Medicine, 2003, 198, 1119-1126.	4.2	267
10	B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. Journal of Experimental Medicine, 2011, 208, 1377-1388.	4.2	250
11	Inhibition of the B Cell by CD22: A Requirement for Lyn. Journal of Experimental Medicine, 1998, 187, 807-811.	4.2	245
12	Early appearance of germinal centerâ€“derived memory B cells and plasma cells in blood after primary immunization. Journal of Experimental Medicine, 2005, 201, 545-554.	4.2	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. Journal of Experimental Medicine, 2001, 194, 189-204.	4.2	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. Journal of Experimental Medicine, 2000, 191, 475-484.	4.2	209
15	Evidence from the generation of immunoglobulin Gâ€“secreting cells that stochastic mechanisms regulate lymphocyte differentiation. Nature Immunology, 2004, 5, 55-63.	7.0	201
16	Mcl-1 Is Essential for Germinal Center Formation and B Cell Memory. Science, 2010, 330, 1095-1099.	6.0	196
17	Megakaryocytes constitute a functional component of a plasma cell niche in the bone marrow. Blood, 2010, 116, 1867-1875.	0.6	189
18	Diversity Among Memory B Cells: Origin, Consequences, and Utility. Science, 2013, 341, 1205-1211.	6.0	175

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19	The transcription factors IRF8 and PU.1 negatively regulate plasma cell differentiation. Journal of Experimental Medicine, 2014, 211, 2169-2181.	4.2	126
20	Plasma cell output from germinal centers is regulated by signals from Tfh and stromal cells. Journal of Experimental Medicine, 2018, 215, 1227-1243.	4.2	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. Cell Death and Differentiation, 2017, 24, 878-888.	5.0	103
22	B cell memory: understanding COVID-19. Immunity, 2021, 54, 205-210.	6.6	102
23	BH3 mimetics antagonizing restricted prosurvival Bcl-2 proteins represent another class of selective immune modulatory drugs. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10967-10971.	3.3	97
24	Regulation of germinal center responses, memory B cells and plasma cell formationâ€"an update. Current Opinion in Immunology, 2016, 39, 59-67.	2.4	85
25	Fas ligandâ€"mediated immune surveillance by T cells is essential for the control of spontaneous B cell lymphomas. Nature Medicine, 2014, 20, 283-290.	15.2	79
26	Determining germinal centre B cell fate. Trends in Immunology, 2012, 33, 281-288.	2.9	78
27	Antigen delivery via two molecules on the CD8- dendritic cell subset induces humoral immunity in the absence of conventional â€œdangerâ€. European Journal of Immunology, 2005, 35, 2815-2825.	1.6	71
28	Targeting Antigen to Clec9A Primes Follicular Th Cell Memory Responses Capable of Robust Recall. Journal of Immunology, 2015, 195, 1006-1014.	0.4	65
29	Dynamic changes in Id3 and E-protein activity orchestrate germinal center and plasma cell development. Journal of Experimental Medicine, 2016, 213, 1095-1111.	4.2	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. Cell Death and Disease, 2016, 7, e2345-e2345.	2.7	53
31	c-Myb Regulates the T-Bet-Dependent Differentiation Program in B Cells to Coordinate Antibody Responses. Cell Reports, 2017, 19, 461-470.	2.9	53
32	Innate Immunity in the Central Nervous System: A Missing Piece of the Autoimmune Encephalitis Puzzle?. Frontiers in Immunology, 2019, 10, 2066.	2.2	53
33	IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. Cell Reports, 2019, 29, 2634-2645.e5.	2.9	47
34	B1 and B2 cells differ in their potential to switch immunoglobulin isotype. European Journal of Immunology, 1995, 25, 3388-3393.	1.6	43
35	IL4 and IL21 cooperate to induce the high Bcl6 protein level required for germinal center formation. Immunology and Cell Biology, 2017, 95, 925-932.	1.0	42
36	How intrinsic and extrinsic regulators of plasma cell survival might intersect for durable humoral immunity. Immunological Reviews, 2020, 296, 87-103.	2.8	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. Cell Reports, 2016, 14, 1488-1499.	2.9	36
38	Glucocorticoid-induced leucine zipper (GILZ) inhibits B cell activation in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2016, 75, 739-747.	0.5	36
39	The Zinc-finger protein ASCIZ regulates B cell development via DYNLL1 and Bim. Journal of Experimental Medicine, 2012, 209, 1629-1639.	4.2	35
40	Lyn, Lupus, and (B) Lymphocytes, a Lesson on the Critical Balance of Kinase Signaling in Immunity. Frontiers in Immunology, 2018, 9, 401.	2.2	34
41	Dynein light chain regulates adaptive and innate B cell development by distinctive genetic mechanisms. PLoS Genetics, 2017, 13, e1007010.	1.5	33
42	c-Myb is required for plasma cell migration to bone marrow after immunization or infection. Journal of Experimental Medicine, 2015, 212, 1001-1009.	4.2	32
43	The Amount of BCL6 in B Cells Shortly after Antigen Engagement Determines Their Representation in Subsequent Germinal Centers. Cell Reports, 2020, 30, 1530-1541.e4.	2.9	32
44	The life and death of immune cell types: the role of BCLâ€2 antiâ€apoptotic molecules. Immunology and Cell Biology, 2017, 95, 870-877.	1.0	30
45	Lymph node stromal CCL2 limits antibody responses. Science Immunology, 2020, 5, .	5.6	30
46	An Erg-driven transcriptional program controls B cell lymphopoiesis. Nature Communications, 2020, 11, 3013.	5.8	29
47	B-Cell Differentiation in the Bone Marrow and the Periphery. Immunological Reviews, 1994, 137, 203-229.	2.8	28
48	Evolution of B Cell Responses to Clec9A-Targeted Antigen. Journal of Immunology, 2013, 191, 4919-4925.	0.4	28
49	B cells still front and centre in immunology. Nature Reviews Immunology, 2019, 19, 85-86.	10.6	27
50	BAFF, ILâ€4 and ILâ€21 separably program germinal centerâ€like phenotype acquisition, BCL6 expression, proliferation and survival of CD40Lâ€activated B cells inÂvitro. Immunology and Cell Biology, 2019, 97, 826-839.	1.0	24
51	Innate Allorecognition Results in Rapid Accumulation of Monocyte-Derived Dendritic Cells. Journal of Immunology, 2016, 197, 2000-2008.	0.4	22
52	Display of Native Antigen on cDC1 That Have Spatial Access to Both T and B Cells Underlies Efficient Humoral Vaccination. Journal of Immunology, 2020, 205, 1842-1856.	0.4	20
53	The concerted change in the distribution of cell cycle phases and zone composition in germinal centers is regulated by IL-21. Nature Communications, 2021, 12, 7160.	5.8	19
54	Atypical chemokine receptor 4 shapes activated B cell fate. Journal of Experimental Medicine, 2018, 215, 801-813.	4.2	18

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55	The tyrosine kinase Lyn limits the cytokine responsiveness of plasma cells to restrict their accumulation in mice. Science Signaling, 2014, 7, ra77.	1.6	17
56	Targeting BMI-1 in B cells restores effective humoral immune responses and controls chronic viral infection. Nature Immunology, 2022, 23, 86-98.	7.0	17
57	<scp>IL</scp>â€21 has a critical role in establishing germinal centers by amplifying early B cell proliferation. EMBO Reports, 2022, 23, .	2.0	16
58	Proapoptotic BIM Impacts B Lymphoid Homeostasis by Limiting the Survival of Mature B Cells in a Cell-Autonomous Manner. Frontiers in Immunology, 2018, 9, 592.	2.2	13
59	Seizures in autoimmune encephalitis: Kindling the fire. Epilepsia, 2020, 61, 1033-1044.	2.6	13
60	Hhex regulates murine lymphoid progenitor survival independently of Stat5 and Cdkn2a. European Journal of Immunology, 2020, 50, 959-971.	1.6	13
61	Targeting plasma cells: are we any closer to a panacea for diseases of antibodyâ€secreting cells?. Immunological Reviews, 2016, 270, 78-94.	2.8	10
62	Do plasma cells contribute to the determination of their lifespan?. Immunology and Cell Biology, 2020, 98, 449-455.	1.0	8
63	To affinity and beyond. Nature, 2014, 509, 573-574.	13.7	7
64	B-Cell Differentiation: Instructive One Day, Stochastic the Next. Current Biology, 2012, 22, R235-R237.	1.8	6
65	Editorial overview: Germinal centers and memory B-cells: from here to eternity. Current Opinion in Immunology, 2017, 45, v-viii.	2.4	6
66	The ASCIZ-DYNLL1 Axis Is Essential for TLR4-Mediated Antibody Responses and NF-ÎºB Pathway Activation. Molecular and Cellular Biology, 2021, 41, e0025121.	1.1	3
67	Electroclinical biomarkers of autoimmune encephalitis. Epilepsy and Behavior, 2022, 128, 108571.	0.9	2
68	HIV Vaccines: One Step Closer. Trends in Molecular Medicine, 2017, 23, 1-3.	3.5	1
69	Complement-inâ€™ the germinal center response. Nature Immunology, 2021, 22, 673-674.	7.0	0