

A Bruce Lyons

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

6,489
citations

147566

31
h-index

71532

76
g-index

86
all docs

86
docs citations

86
times ranked

8883
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of lymphocyte division by flow cytometry. <i>Journal of Immunological Methods</i> , 1994, 171, 131-137.	0.6	1,541
2	Absence of Tumor Necrosis Factor Supports Alternative Activation of Macrophages in the Liver after Infection with <i>Leishmania major</i> . <i>Frontiers in Immunology</i> , 2018, 9, 1.	2.2	717
3	Analysing cell division in vivo and in vitro using flow cytometric measurement of CFSE dye dilution. <i>Journal of Immunological Methods</i> , 2000, 243, 147-154.	0.6	610
4	B cell differentiation and isotype switching is related to division cycle number.. <i>Journal of Experimental Medicine</i> , 1996, 184, 277-281.	4.2	370
5	Macrophage colony-stimulating factor receptor c-fms is a novel target of imatinib. <i>Blood</i> , 2005, 105, 3127-3132.	0.6	266
6	The fate of self-reactive B cells depends primarily on the degree of antigen receptor engagement and availability of T cell help.. <i>Journal of Experimental Medicine</i> , 1996, 183, 2313-2328.	4.2	242
7	A second transmissible cancer in Tasmanian devils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 374-379.	3.3	192
8	Cell division number regulates IgG1 and IgE switching of B cells following stimulation by CD40 ligand and IL-4. <i>European Journal of Immunology</i> , 1998, 28, 1040-1051.	1.6	183
9	Divided we stand: Tracking cell proliferation with carboxyfluorescein diacetate succinimidyl ester. <i>Immunology and Cell Biology</i> , 1999, 77, 509-515.	1.0	138
10	In vitro sensitivity to imatinib-induced inhibition of ABL kinase activity is predictive of molecular response in patients with de novo CML. <i>Blood</i> , 2005, 106, 2520-2526.	0.6	135
11	Human Interleukin-3 inhibits the binding of granulocyte-macrophage colony-stimulating factor and interleukin-5 to basophils and strongly enhances their functional activity. <i>Journal of Cellular Physiology</i> , 1990, 145, 69-77.	2.0	120
12	Chapter 17 Flow cytometric analysis of cell division history using dilution of carboxyfluorescein diacetate succinimidyl ester, a stably integrated fluorescent probe. <i>Methods in Cell Biology</i> , 2001, 63, 375-398.	0.5	109
13	CC Chemokine Ligand 20 and Its Cognate Receptor CCR6 in Mucosal T Cell Immunology and Inflammatory Bowel Disease: Odd Couple or Axis of Evil?. <i>Frontiers in Immunology</i> , 2013, 4, 194.	2.2	106
14	The Src/ABL kinase inhibitor dasatinib (BMS-354825) inhibits function of normal human T-lymphocytes in vitro. <i>Clinical Immunology</i> , 2008, 127, 330-339.	1.4	104
15	Simultaneous analysis of immunophenotype and apoptosis of murine thymocytes by single laser flow cytometry. <i>Cytometry</i> , 1992, 13, 809-821.	1.8	99
16	Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) acts as a regulator of B-cell development, B-cell antigen receptor (BCR)-mediated activation, and autoimmune disease. <i>Blood</i> , 2002, 100, 184-193.	0.6	97
17	Demonstration of immune responses against devil facial tumour disease in wild Tasmanian devils. <i>Biology Letters</i> , 2016, 12, 20160553.	1.0	87
18	Resistance to c-KIT kinase inhibitors conferred by V654A mutation. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1159-1166.	1.9	81

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19	Dasatinib suppresses in vitro natural killer cell cytotoxicity. <i>Blood</i> , 2008, 111, 4415-4416.	0.6	73
20	Are murine marginal-zone macrophages the splenic white pulp analog of high endothelial venules?. <i>European Journal of Immunology</i> , 1995, 25, 3165-3172.	1.6	67
21	Regression of devil facial tumour disease following immunotherapy in immunised Tasmanian devils. <i>Scientific Reports</i> , 2017, 7, 43827.	1.6	64
22	Flow Cytometric Analysis of Cell Division by Dilution of CFSE and Related Dyes. <i>Current Protocols in Cytometry</i> , 2013, 64, Unit9.11.	3.7	62
23	Dasatinib inhibits recombinant viral antigen-specific murine CD4+ and CD8+ T-cell responses and NK-cell cytolytic activity in vitro and in vivo. <i>Experimental Hematology</i> , 2009, 37, 256-265.	0.2	58
24	Imatinib inhibits the in vitro development of the monocyte/macrophage lineage from normal human bone marrow progenitors. <i>Leukemia</i> , 2003, 17, 1713-1721.	3.3	56
25	Inhibition of c-fms by Imatinib: Expanding the Spectrum of Treatment. <i>Cell Cycle</i> , 2005, 4, 851-853.	1.3	48
26	Natural Killer Cell Mediated Cytotoxic Responses in the Tasmanian Devil. <i>PLoS ONE</i> , 2011, 6, e24475.	1.1	44
27	Alternative Pathways of Apoptosis Induced by Methylprednisolone and Valinomycin Analyzed by Flow Cytometry. <i>Experimental Cell Research</i> , 1993, 208, 362-370.	1.2	41
28	PD-L1 Is Not Constitutively Expressed on Tasmanian Devil Facial Tumor Cells but Is Strongly Upregulated in Response to IFN- γ and Can Be Expressed in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2016, 7, 581.	2.2	41
29	Acquisition of immune function during the development of the Langerhans cell network in neonatal mice. <i>Immunology</i> , 2001, 103, 61-69.	2.0	37
30	Imatinib inhibits the functional capacity of cultured human monocytes. <i>Immunology and Cell Biology</i> , 2005, 83, 48-56.	1.0	37
31	Immunization Strategies Producing a Humoral IgG Immune Response against Devil Facial Tumor Disease in the Majority of Tasmanian Devils Destined for Wild Release. <i>Frontiers in Immunology</i> , 2018, 9, 259.	2.2	37
32	Flow Cytometric Analysis of Cell Division by Dye Dilution. <i>Current Protocols in Cytometry</i> , 2004, 27, Unit 9.11.	3.7	36
33	An oral bait vaccination approach for the Tasmanian devil facial tumor diseases. <i>Expert Review of Vaccines</i> , 2020, 19, 1-10.	2.0	33
34	Specific binding of human interleukin-3 and granulocyte-macrophage colony-stimulating factor to human basophils. <i>Journal of Allergy and Clinical Immunology</i> , 1990, 85, 99-102.	1.5	30
35	Two of a kind: transmissible Schwann cell cancers in the endangered Tasmanian devil (<i>Sarcophilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.4 28	0.4	26
36	Immunology of a Transmissible Cancer Spreading among Tasmanian Devils. <i>Journal of Immunology</i> , 2015, 195, 23-29.	0.4	26

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37	A monoclonal antibody to a human mast cell/ myeloid leukaemia-specific antigen binds to normal haemopoietic progenitor cells and inhibits colony formation in vitro. <i>Leukemia Research</i> , 1988, 12, 929-939.	0.4	25
38	Nilotinib inhibits the Src-family kinase LCK and T-cell function <i>in vitro</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 599-601.	1.6	25
39	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2031.	2.2	23
40	A novel system to map protein interactions reveals evolutionarily conserved immune evasion pathways on transmissible cancers. <i>Science Advances</i> , 2020, 6, .	4.7	22
41	The Importance of Efficacy and Partial Agonism in Evaluating Models of B Lymphocyte Activation. <i>International Reviews of Immunology</i> , 1997, 15, 101-127.	1.5	20
42	Pertussis toxin pretreatment alters the <i>in vivo</i> cell division behaviour and survival of B lymphocytes after intravenous transfer. <i>Immunology and Cell Biology</i> , 1997, 75, 7-12.	1.0	20
43	Human Flt-3 ligand-mobilized dendritic cells require additional activation to drive effective immune responses. <i>Experimental Hematology</i> , 2008, 36, 51-60.	0.2	20
44	An isolate of <i>Haemophilus haemolyticus</i> produces a bacteriocin-like substance that inhibits the growth of nontypeable <i>Haemophilus influenzae</i> . <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 503-506.	1.1	20
45	Toll-like receptor signaling is functional in immune cells of the endangered Tasmanian devil. <i>Developmental and Comparative Immunology</i> , 2015, 53, 123-133.	1.0	19
46	Mitogen-activated Tasmanian devil blood mononuclear cells kill devil facial tumour disease cells. <i>Immunology and Cell Biology</i> , 2016, 94, 673-679.	1.0	19
47	Comparative Analysis of Immune Checkpoint Molecules and Their Potential Role in the Transmissible Tasmanian Devil Facial Tumor Disease. <i>Frontiers in Immunology</i> , 2017, 8, 513.	2.2	19
48	Snapper (<i>Pagrus auratus</i>) leucocyte proliferation is synergistically enhanced by simultaneous stimulation with LPS and PHA. <i>Fish and Shellfish Immunology</i> , 2004, 16, 307-319.	1.6	16
49	The toll-like receptor ligands Hiltonol® (polyICLC) and imiquimod effectively activate antigen-specific immune responses in Tasmanian devils (<i>Sarcophilus harrisii</i>). <i>Developmental and Comparative Immunology</i> , 2017, 76, 352-360.	1.0	16
50	Human myeloid differentiation antigens identified by monoclonal antibodies to the myelomonocytic leukemia cell line RC-2A. <i>Pathology</i> , 1988, 20, 137-146.	0.3	16
51	Drug-interaction studies evaluating T-cell proliferation reveal distinct activity of dasatinib and imatinib in combination with cyclosporine A. <i>Experimental Hematology</i> , 2012, 40, 612-621.e6.	0.2	14
52	NLRC5 regulates expression of MHC-I and provides a target for anti-tumor immunity in transmissible cancers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1973-1991.	1.2	14
53	The absence of TNF permits myeloid Arginase 1 expression in experimental <i>L. monocytogenes</i> infection. <i>Immunobiology</i> , 2017, 222, 913-917.	0.8	13
54	Maternal exposure to particulate matter alters early post-natal lung function and immune cell development. <i>Environmental Research</i> , 2018, 164, 625-635.	3.7	13

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55	Transcriptome and proteome profiling reveals stress-induced expression signatures of imiquimod-treated Tasmanian devil facial tumor disease (DFTD) cells. <i>Oncotarget</i> , 2018, 9, 15895-15914.	0.8	13
56	Curse of the devil: molecular insights into the emergence of transmissible cancers in the Tasmanian devil (<i>Sarcophilus harrisii</i>). <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2507-2525.	2.4	12
57	The Immunomodulatory Small Molecule Imiquimod Induces Apoptosis in Devil Facial Tumour Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0168068.	1.1	12
58	Two Decades of the Impact of Tasmanian Devil Facial Tumor Disease. <i>Integrative and Comparative Biology</i> , 2018, 58, 1043-1054.	0.9	10
59	A Devil of a Transmissible Cancer. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 50.	0.9	8
60	Tasmanian devil CD28 and CTLA4 capture CD80 and CD86 from adjacent cells. <i>Developmental and Comparative Immunology</i> , 2021, 115, 103882.	1.0	7
61	Post-release immune responses of Tasmanian devils vaccinated with an experimental devil facial tumour disease vaccine. <i>Wildlife Research</i> , 2021, 48, 701-712.	0.7	7
62	The Use of CFSE-like Dyes for Measuring Lymphocyte Proliferation : Experimental Considerations and Biological Variables. <i>Mathematical Modelling of Natural Phenomena</i> , 2012, 7, 53-64.	0.9	6
63	Heat shock proteins expressed in the marsupial Tasmanian devil are potential antigenic candidates in a vaccine against devil facial tumour disease. <i>PLoS ONE</i> , 2018, 13, e0196469.	1.1	6
64	Extracellular vesicle proteomes of two transmissible cancers of Tasmanian devils reveal tenascin-C as a serum-based differential diagnostic biomarker. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7537-7555.	2.4	6
65	Mesenchymal plasticity of devil facial tumour cells during in vivo vaccine and immunotherapy trials. <i>Immunology and Cell Biology</i> , 2021, 99, 711-723.	1.0	5
66	The Rose Bengal Assay for Monoclonal Antibodies to Cell Surface Antigens: Comparisons with Common Hybridoma Screening Methods. <i>Journal of Immunoassay</i> , 1985, 6, 325-345.	0.3	4
67	Studies on the differentiation of the human myelomonocytic cell line RC-2A in response to lymphocyte-derived factors. <i>Leukemia Research</i> , 1987, 11, 797-805.	0.4	4
68	Assessment of snapper (<i>Pagrus auratus</i>) natural IgM binding to bromelain treated sheep erythrocytes. <i>Fish and Shellfish Immunology</i> , 2005, 18, 91-99.	1.6	4
69	Modulation of Lymphocyte Migration to the Murine Spleen after Marginal Zone Macrophage Phagocytosis of Blood-Borne Particulate Material. <i>Immunological Investigations</i> , 2006, 35, 75-92.	1.0	4
70	TNF May Negatively Regulate Phagocytosis of Devil Facial Tumour Disease Cells by Activated Macrophages. <i>Immunological Investigations</i> , 2019, 48, 691-703.	1.0	4
71	Pregnancy protects against the pro-inflammatory respiratory responses induced by particulate matter exposure. <i>Chemosphere</i> , 2019, 225, 796-802.	4.2	4
72	The effect of recombinant cytokines on the proliferative potential and phenotype of cells of the human myelomonocytic leukaemia line, RC-2A. <i>Leukemia Research</i> , 1988, 12, 659-666.	0.4	3

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73	Discrete subpopulations, defined by CD45 isoforms, coexist within the leukaemic cells of B-chronic lymphocytic leukaemia patients. <i>Leukemia Research</i> , 1991, 15, 791-799.	0.4	3
74	Cell division number regulates IgG1 and IgE switching of B cells following stimulation by CD40 ligand and IL-4. , 1998, 28, 1040.		3
75	Cathelicidin-3 Associated With Serum Extracellular Vesicles Enables Early Diagnosis of a Transmissible Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 858423.	2.2	3
76	In utero exposure to diesel exhaust particles, but not silica, alters post-natal immune development and function. <i>Chemosphere</i> , 2021, 268, 129314.	4.2	1
77	Challenges of an Emerging Disease: The Evolving Approach to Diagnosing Devil Facial Tumour Disease. <i>Pathogens</i> , 2022, 11, 27.	1.2	1
78	Cytokines: Signalling Improved Immunotherapy?. <i>Current Oncology Reports</i> , 2021, 23, 103.	1.8	0