

Graham R Leggatt

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

2,993

citations

30

h-index

52

g-index

92

ext. papers

3,414

ext. citations

5.6

avg, IF

5.1

L-index

#	Paper	IF	Citations
86	Selective expansion of high- or low-avidity cytotoxic T lymphocytes and efficacy for adoptive immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 4102-7	11.5	452
85	Role of intratumoural heterogeneity in cancer drug resistance: molecular and clinical perspectives. <i>EMBO Molecular Medicine</i> , 2012 , 4, 675-84	12	164
84	Interferon- γ -derived from cytotoxic lymphocytes directly enhances their motility and cytotoxicity. <i>Cell Death and Disease</i> , 2017 , 8, e2836	9.8	159
83	Inhibition of cervical cancer cell growth in vitro and in vivo with lentiviral-vector delivered short hairpin RNA targeting human papillomavirus E6 and E7 oncogenes. <i>Cancer Gene Therapy</i> , 2006 , 13, 1023-32	5.4	105
82	Antigen-specific CD4+ T-cell help is required to activate a memory CD8+ T cell to a fully functional tumor killer cell. <i>Cancer Research</i> , 2002 , 62, 6438-41	10.1	105
81	RNA interference against human papillomavirus oncogenes in cervical cancer cells results in increased sensitivity to cisplatin. <i>Molecular Pharmacology</i> , 2005 , 68, 1311-9	4.3	94
80	Prevention and treatment of papillomavirus-related cancers through immunization. <i>Annual Review of Immunology</i> , 2011 , 29, 111-38	34.7	82
79	Potential strategies utilised by papillomavirus to evade host immunity. <i>Immunological Reviews</i> , 1999 , 168, 131-42	11.3	81
78	Polynucleotide viral vaccines: codon optimisation and ubiquitin conjugation enhances prophylactic and therapeutic efficacy. <i>Vaccine</i> , 2001 , 20, 862-9	4.1	60
77	Chimeric human papilloma virus-simian/human immunodeficiency virus virus-like-particle vaccines: immunogenicity and protective efficacy in macaques. <i>Virology</i> , 2002 , 301, 176-87	3.6	56
76	The Role of CXCR3 and Its Chemokine Ligands in Skin Disease and Cancer. <i>Frontiers in Medicine</i> , 2018 , 5, 271	4.9	54
75	Regulation of immune responses to HPV infection and during HPV-directed immunotherapy. <i>Immunological Reviews</i> , 2011 , 239, 85-98	11.3	53
74	Invariant NKT cells in hyperplastic skin induce a local immune suppressive environment by IFN- γ production. <i>Journal of Immunology</i> , 2010 , 184, 1242-50	5.3	52
73	Impaired antigen presentation and effectiveness of combined active/passive immunotherapy for epithelial tumors. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 1611-9	9.7	51
72	Inactivation of human immunodeficiency virus (HIV)-1 envelope-specific CD8+ cytotoxic T lymphocytes by free antigenic peptide: a self-veto mechanism?. <i>Journal of Experimental Medicine</i> , 1996 , 183, 879-89	16.6	51
71	Serological evaluation of the 12 kDa subunit of antigen B in Echinococcus granulosus cyst fluid by immunoblot analysis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1992 , 86, 189-92 ²		49
70	Papillomavirus virus-like particles for the delivery of multiple cytotoxic T cell epitopes. <i>Virology</i> , 2000 , 273, 374-82	3.6	48

69	IL-10 mediates suppression of the CD8 T cell IFN-gamma response to a novel viral epitope in a primed host. <i>Journal of Immunology</i> , 2003 , 171, 4765-72	5.3	46
68	HPV16-E7 expression in squamous epithelium creates a local immune suppressive environment via CCL2- and CCL5- mediated recruitment of mast cells. <i>PLoS Pathogens</i> , 2014 , 10, e1004466	7.6	45
67	Indoleamine 2,3-dioxygenase activity contributes to local immune suppression in the skin expressing human papillomavirus oncoprotein e7. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2686-2694	4.3	44
66	Tolerance or immunity to a tumor antigen expressed in somatic cells can be determined by systemic proinflammatory signals at the time of first antigen exposure. <i>Journal of Immunology</i> , 2001 , 167, 6180-7	5.3	43
65	The number of long-lasting functional memory CD8+ T cells generated depends on the nature of the initial nonspecific stimulation. <i>European Journal of Immunology</i> , 2002 , 32, 1541-9	6.1	41
64	Inhibition of early tumor growth requires J alpha 18-positive (natural killer T) cells. <i>Cancer Research</i> , 2003 , 63, 3058-60	10.1	39
63	IFN-gamma promotes generation of IL-10 secreting CD4+ T cells that suppress generation of CD8 responses in an antigen-experienced host. <i>Journal of Immunology</i> , 2009 , 183, 51-8	5.3	38
62	HPV vaccines: the beginning of the end for cervical cancer. <i>Current Opinion in Immunology</i> , 2007 , 19, 232-88	7.8	34
61	DNA Vaccine Encoding HPV16 Oncogenes E6 and E7 Induces Potent Cell-mediated and Humoral Immunity Which Protects in Tumor Challenge and Drives E7-expressing Skin Graft Rejection. <i>Journal of Immunotherapy</i> , 2017 , 40, 62-70	5	33
60	Split tolerance to a viral antigen expressed in thymic epithelium and keratinocytes. <i>European Journal of Immunology</i> , 1998 , 28, 2791-800	6.1	33
59	Epithelial expression of human papillomavirus type 16 E7 protein results in peripheral CD8 T-cell suppression mediated by CD4+CD25+ T cells. <i>European Journal of Immunology</i> , 2009 , 39, 481-90	6.1	32
58	Identification and diagnostic value of a major antibody epitope on the 12 kDa antigen from <i>Echinococcus granulosus</i> (hydatid disease) cyst fluid. <i>Parasite Immunology</i> , 1994 , 16, 87-96	2.2	31
57	NKT cells inhibit antigen-specific effector CD8 T cell induction to skin viral proteins. <i>Journal of Immunology</i> , 2011 , 187, 1601-8	5.3	30
56	Recent progress in vaccination against human papillomavirus-mediated cervical cancer. <i>Reviews in Medical Virology</i> , 2015 , 25 Suppl 1, 54-71	11.7	29
55	Secretion of IFN-gamma but not IL-17 by CD1d-restricted NKT cells enhances rejection of skin grafts expressing epithelial cell-derived antigen. <i>Journal of Immunology</i> , 2010 , 184, 5663-9	5.3	29
54	Modulation of antigen presenting cell functions during chronic HPV infection. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2017 , 4, 58-65	4.6	28
53	NKT cell-targeted vaccination plus anti-4-1BB antibody generates persistent CD8 T cell immunity against B cell lymphoma. <i>Oncolmmunology</i> , 2015 , 4, e990793	7.2	27
52	Overcoming original antigenic sin to generate new CD8 T cell IFN-gamma responses in an antigen-experienced host. <i>Journal of Immunology</i> , 2006 , 177, 2873-9	5.3	27

51	Both treated and untreated tumors are eliminated by short hairpin RNA-based induction of target-specific immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8314-9	11.5	26
50	Elevated frequencies of CD8 T cells expressing PD-1, CTLA-4 and Tim-3 within tumour from perineural squamous cell carcinoma patients. <i>PLoS ONE</i> , 2017 , 12, e0175755	3.7	24
49	Route of administration of chimeric BPV1 VLP determines the character of the induced immune responses. <i>Immunology and Cell Biology</i> , 2002 , 80, 21-9	5	24
48	Interferon-gamma enhances cytotoxic T lymphocyte recognition of endogenous peptide in keratinocytes without lowering the requirement for surface peptide. <i>Immunology and Cell Biology</i> , 2002 , 80, 415-24	5	24
47	Expression of a single, viral oncoprotein in skin epithelium is sufficient to recruit lymphocytes. <i>PLoS ONE</i> , 2013 , 8, e57798	3.7	24
46	Aurora A Is Critical for Survival in HPV-Transformed Cervical Cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 2753-61	6.1	23
45	Secondary immunisation with high-dose heterologous peptide leads to CD8 T cell populations with reduced functional avidity. <i>European Journal of Immunology</i> , 2007 , 37, 406-15	6.1	23
44	Histone deacetylase inhibitors in the generation of the anti-tumour immune response. <i>Immunology and Cell Biology</i> , 2012 , 90, 33-8	5	22
43	Increased lipid metabolism impairs NK cell function and mediates adaptation to the lymphoma environment. <i>Blood</i> , 2020 , 136, 3004-3017	2.2	21
42	Paucity of functional CTL epitopes in the E7 oncoprotein of cervical cancer associated human papillomavirus type 16. <i>Immunology and Cell Biology</i> , 2003 , 81, 1-7	5	20
41	Impact of sex steroid ablation on viral, tumour and vaccine responses in aged mice. <i>PLoS ONE</i> , 2012 , 7, e42677	3.7	19
40	Langerhans cell homeostasis and activation is altered in hyperplastic human papillomavirus type 16 E7 expressing epidermis. <i>PLoS ONE</i> , 2015 , 10, e0127155	3.7	19
39	Human papillomavirus 16 E7 protein inhibits interferon- β -mediated enhancement of keratinocyte antigen processing and T-cell lysis. <i>FEBS Journal</i> , 2011 , 278, 955-63	5.7	18
38	T cells augment rejection of skin grafts by enhancing cross-priming of CD8 T cells to skin-derived antigen. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1656-64	4.3	17
37	Nonspecific down-regulation of CD8+ T-cell responses in mice expressing human papillomavirus type 16 E7 oncoprotein from the keratin-14 promoter. <i>Journal of Virology</i> , 2001 , 75, 5985-97	6.6	17
36	TLR7 stimulation augments T effector-mediated rejection of skin expressing neo-self antigen in keratinocytes. <i>European Journal of Immunology</i> , 2008 , 38, 73-81	6.1	16
35	HPV16E7-Induced Hyperplasia Promotes CXCL9/10 Expression and Induces CXCR3 T-Cell Migration to Skin. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1348-1359	4.3	14
34	A combination of local inflammation and central memory T cells potentiates immunotherapy in the skin. <i>Journal of Immunology</i> , 2012 , 189, 5622-31	5.3	14

33	An ExVivo Human Tumor Assay Shows Distinct Patterns of EGFR Trafficking in Squamous Cell Carcinoma Correlating to Therapeutic Outcomes. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 213-223	4.3	14
32	Antigen-specific CD4 cells assist CD8 T-effector cells in eliminating keratinocytes. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1581-9	4.3	13
31	Immunosuppressive roles of natural killer T (NKT) cells in the skin. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 49-54	6.5	11
30	Enhanced tumor growth in the NaS1 sulfate transporter null mouse. <i>Cancer Science</i> , 2010 , 101, 369-73	6.9	11
29	Cloning and expression of a cDNA encoding a nonintegrin laminin-binding protein from <i>Echinococcus granulosus</i> with localization of the laminin-binding domain. <i>Molecular and Biochemical Parasitology</i> , 1997 , 87, 183-92	1.9	11
28	B cell lymphoma progression promotes the accumulation of circulating Ly6Clo monocytes with immunosuppressive activity. <i>OncImmunology</i> , 2018 , 7, e1393599	7.2	10
27	The kinematics of cytotoxic lymphocytes influence their ability to kill target cells. <i>PLoS ONE</i> , 2014 , 9, e95248	3.7	10
26	Peptide Dose and/or Structure in Vaccines as a Determinant of T Cell Responses. <i>Vaccines</i> , 2014 , 2, 537-48	4.8	9
25	Evolution of Cancer Vaccines-Challenges, Achievements, and Future Directions. <i>Vaccines</i> , 2021 , 9,	5.3	9
24	HPV16 E7-Driven Epithelial Hyperplasia Promotes Impaired Antigen Presentation and Regulatory T-Cell Development. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2467-2476.e3	4.3	8
23	Further characterization of the 38 kDa antigen from <i>Echinococcus granulosus</i> (hydatid disease) cyst fluid: evidence for antigenic heterogeneity and reactivity with anti-P1 antibodies. <i>Parasite Immunology</i> , 1995 , 17, 287-96	2.2	8
22	Galectin-1 is associated with poor prognosis in patients with cutaneous head and neck cancer with perineural spread. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 213-22	7.4	7
21	HPV16-E7-Specific Activated CD8 T Cells in E7 Transgenic Skin and Skin Grafts. <i>Frontiers in Immunology</i> , 2017 , 8, 524	8.4	7
20	Changes to peptide structure, not concentration, contribute to expansion of the lowest avidity cytotoxic T lymphocytes. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 787-95	6.5	7
19	Cytokine/chemokine profiles in squamous cell carcinoma correlate with precancerous and cancerous disease stage. <i>Scientific Reports</i> , 2019 , 9, 17754	4.9	7
18	NKT Cell-Driven Enhancement of Antitumor Immunity Induced by Clec9a-Targeted Tailorable Nanoemulsion. <i>Cancer Immunology Research</i> , 2019 , 7, 952-962	12.5	6
17	Keratinocytes efficiently process endogenous antigens for cytotoxic T-cell mediated lysis. <i>Experimental Dermatology</i> , 2009 , 18, 1053-9	4	6
16	IL-1 signalling determines the fate of skin grafts expressing non-self protein in keratinocytes. <i>Experimental Dermatology</i> , 2010 , 19, 723-9	4	6

15	Expression of the HPV16E7 oncoprotein by thymic epithelium is accompanied by disrupted T cell maturation and a failure of the thymus to involute with age. <i>Clinical and Developmental Immunology</i> , 2003 , 10, 91-103		6
14	Human growth hormone presented by K14hGH-transgenic skin grafts induces a strong immune response but no graft rejection. <i>Immunology and Cell Biology</i> , 2004 , 82, 577-86	5	6
13	Recruitment of Antigen Presenting Cells to Skin Draining Lymph Node From HPV16E7-Expressing Skin Requires E7-Rb Interaction. <i>Frontiers in Immunology</i> , 2018 , 9, 2896	8.4	6
12	Control of B-cell lymphoma by therapeutic vaccination and acquisition of immune resistance is independent of direct tumour IFN-gamma signalling. <i>Immunology and Cell Biology</i> , 2016 , 94, 554-62	5	5
11	Therapeutic vaccination with 4-1BB co-stimulation eradicates mouse acute myeloid leukemia. <i>Oncotmunology</i> , 2018 , 7, e1486952	7.2	4
10	Serum antibodies against <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> in southeast Queensland dugongs. <i>Marine Mammal Science</i> , 2020 , 36, 180-194	1.9	4
9	Tumour susceptibility to innate and adaptive immunotherapy changes during tumour maturation. <i>Immunology and Cell Biology</i> , 2004 , 82, 455-61	5	3
8	Sequence homology between two immunodiagnostic fusion proteins from <i>Echinococcus multilocularis</i> . <i>International Journal for Parasitology</i> , 1992 , 22, 831-3	4.3	3
7	Hydatid immunoblot test and cross-reactivity with sera from patients with cysticercosis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1993 , 87, 350	2	2
6	Regulatory T Cells but Not IL-10 Impair Cell-Mediated Immunity in Human Papillomavirus E7+ Hyperplastic Epithelium. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1264-1273.e3	4.3	2
5	Development of a polyclonal anti-dugong immunoglobulin G (IgG) antibody with evaluation of total plasma IgG in a living dugong (<i>Dugong dugon</i>) population. <i>Veterinary Immunology and Immunopathology</i> , 2018 , 200, 16-25	2	1
4	Cytotoxic T lymphocyte (CTL) adherence assay (CAA): a non-radioactive assay for murine CTL recognition of peptide-MHC class I complexes. <i>Journal of Immunological Methods</i> , 1997 , 201, 1-10	2.5	1
3	PD-1 and beyond to Activate T Cells in Cutaneous Squamous Cell Cancers: The Case for 4-1BB and VISTA Antibodies in Combination Therapy. <i>Cancers</i> , 2021 , 13,	6.6	1
2	Functional memory CD8+ T cells can be generated in vivo without evident T help. <i>Vaccine</i> , 2004 , 23, 739-42	4	0
1	Cytotoxic T-cell adherence assay (CAA). <i>Methods in Molecular Biology</i> , 2000 , 134, 277-81	1.4	