

Graham R Leggatt

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,703
citations

136885

32
h-index

138417

58
g-index

92
all docs

92
docs citations

92
times ranked

4774
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective expansion of high- or low-avidity cytotoxic T lymphocytes and efficacy for adoptive immunotherapy.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4102-4107.	3.3	493
2	Interferon- β derived from cytotoxic lymphocytes directly enhances their motility and cytotoxicity. Cell Death and Disease, 2017, 8, e2836-e2836.	2.7	327
3	Role of intratumoural heterogeneity in cancer drug resistance: molecular and clinical perspectives. EMBO Molecular Medicine, 2012, 4, 675-684.	3.3	223
4	The Role of CXCR3 and Its Chemokine Ligands in Skin Disease and Cancer. Frontiers in Medicine, 2018, 5, 271.	1.2	123
5	Antigen-specific CD4+ T-cell help is required to activate a memory CD8+ T cell to a fully functional tumor killer cell. Cancer Research, 2002, 62, 6438-41.	0.4	121
6	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. Cancer Gene Therapy, 2006, 13, 1023-1032.	2.2	116
7	RNA Interference against Human Papillomavirus Oncogenes in Cervical Cancer Cells Results in Increased Sensitivity to Cisplatin. Molecular Pharmacology, 2005, 68, 1311-1319.	1.0	104
8	Potential strategies utilised by papillomavirus to evade host immunity. Immunological Reviews, 1999, 168, 131-142.	2.8	96
9	Prevention and Treatment of Papillomavirus-Related Cancers Through Immunization. Annual Review of Immunology, 2011, 29, 111-138.	9.5	92
10	Increased lipid metabolism impairs NK cell function and mediates adaptation to the lymphoma environment. Blood, 2020, 136, 3004-3017.	0.6	71
11	Polynucleotide viral vaccines: codon optimisation and ubiquitin conjugation enhances prophylactic and therapeutic efficacy. Vaccine, 2001, 20, 862-869.	1.7	68
12	Chimeric Human Papilloma Virus- α Simian/Human Immunodeficiency Virus Virus-like-Particle Vaccines: Immunogenicity and Protective Efficacy in Macaques. Virology, 2002, 301, 176-187.	1.1	63
13	Regulation of immune responses to HPV infection and during HPV- α directed immunotherapy. Immunological Reviews, 2011, 239, 85-98.	2.8	60
14	Serological evaluation of the 12 kDa subunit of antigen B in Echinococcus granulosus cyst fluid by immunoblot analysis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 189-192.	0.7	59
15	Impaired Antigen Presentation and Effectiveness of Combined Active/Passive Immunotherapy for Epithelial Tumors. Journal of the National Cancer Institute, 2004, 96, 1611-1619.	3.0	59
16	Papillomavirus Virus-like Particles for the Delivery of Multiple Cytotoxic T Cell Epitopes. Virology, 2000, 273, 374-382.	1.1	58
17	Invariant NKT Cells in Hyperplastic Skin Induce a Local Immune Suppressive Environment by IFN- β Production. Journal of Immunology, 2010, 184, 1242-1250.	0.4	56
18	HPV16-E7 Expression in Squamous Epithelium Creates a Local Immune Suppressive Environment via CCL2- and CCL5- Mediated Recruitment of Mast Cells. PLoS Pathogens, 2014, 10, e1004466.	2.1	55

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19	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, 879-889.	4.2	53
20	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.	0.3	50
21	IL-10 Mediates Suppression of the CD8 T Cell IFN- γ Response to a Novel Viral Epitope in a Primed Host. <i>Journal of Immunology</i> , 2003, 171, 4765-4772.	0.4	48
22	Modulation of antigen presenting cell functions during chronic HPV infection. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2017, 4, 58-65.	4.5	48
23	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, 6180-6187.	0.4	47
24	Inhibition of early tumor growth requires J alpha 18-positive (natural killer T) cells. <i>Cancer Research</i> , 2003, 63, 3058-60.	0.4	42
25	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.	1.6	41
26	Split tolerance to a viral antigen expressed in thymic epithelium and keratinocytes. <i>European Journal of Immunology</i> , 1998, 28, 2791-2800.	1.6	40
27	HPV vaccines: the beginning of the end for cervical cancer. <i>Current Opinion in Immunology</i> , 2007, 19, 232-238.	2.4	40
28	IFN- γ 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, 51-58.	0.4	40
29	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.	0.7	39
30	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.	1.2	39
31	Evolution of Cancer Vaccines—Challenges, Achievements, and Future Directions. <i>Vaccines</i> , 2021, 9, 535.	2.1	38
32	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, 481-490.	1.6	37
33	NKT Cells Inhibit Antigen-Specific Effector CD8 T Cell Induction to Skin Viral Proteins. <i>Journal of Immunology</i> , 2011, 187, 1601-1608.	0.4	33
34	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, 406-415.	1.6	32
35	Recent progress in vaccination against human papillomavirus-mediated cervical cancer. <i>Reviews in Medical Virology</i> , 2015, 25, 54-71.	3.9	32
36	Route of administration of chimeric BPV1 VLP determines the character of the induced immune responses. <i>Immunology and Cell Biology</i> , 2002, 80, 21-29.	1.0	30

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37	Secretion of IFN- γ 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, 5663-5669.	0.4	30
38	NKT cell-targeted vaccination plus anti-4-1BB antibody generates persistent CD8 T cell immunity against B cell lymphoma. <i>Oncolmunology</i> , 2015, 4, e990793.	2.1	30
39	Aurora A Is Critical for Survival in HPV-Transformed Cervical Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2753-2761.	1.9	30
40	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.	1.1	30
41	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, 8314-8319.	3.3	29
42	Overcoming Original Antigenic Sin to Generate New CD8 T Cell IFN- γ Responses in an Antigen-Experienced Host. <i>Journal of Immunology</i> , 2006, 177, 2873-2879.	0.4	28
43	Expression of a Single, Viral Oncoprotein in Skin Epithelium Is Sufficient to Recruit Lymphocytes. <i>PLoS ONE</i> , 2013, 8, e57798.	1.1	28
44	Interferon- γ 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, 415-424.	1.0	27
45	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.	1.0	25
46	Human papillomavirus-16 E7 protein inhibits interferon- γ -mediated enhancement of keratinocyte antigen processing and T cell lysis. <i>FEBS Journal</i> , 2011, 278, 955-963.	2.2	24
47	Histone deacetylase inhibitors in the generation of the anti-tumour immune response. <i>Immunology and Cell Biology</i> , 2012, 90, 33-38.	1.0	24
48	Impact of Sex Steroid Ablation on Viral, Tumour and Vaccine Responses in Aged Mice. <i>PLoS ONE</i> , 2012, 7, e42677.	1.1	24
49	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.	0.3	21
50	Langerhans Cell Homeostasis and Activation Is Altered in Hyperplastic Human Papillomavirus Type 16 E7 Expressing Epidermis. <i>PLoS ONE</i> , 2015, 10, e0127155.	1.1	20
51	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, 5985-5997.	1.5	19
52	Antigen-Specific CD4 Cells Assist CD8 T-Effector Cells in Eliminating Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1581-1589.	0.3	19
53	γ 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, 1656-1664.	0.3	19
54	The Kinematics of Cytotoxic Lymphocytes Influence Their Ability to Kill Target Cells. <i>PLoS ONE</i> , 2014, 9, e95248.	1.1	19

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55	An Ex Vivo 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.	0.3	19
56	TLR7 stimulation augments T _H 1-effector-mediated rejection of skin expressing neo-self antigen in keratinocytes. <i>European Journal of Immunology</i> , 2008, 38, 73-81.	1.6	18
57	B cell lymphoma progression promotes the accumulation of circulating Ly6Cl ⁺ monocytes with immunosuppressive activity. <i>Oncolmmunology</i> , 2018, 7, e1393599.	2.1	17
58	Immunosuppressive roles of natural killer T (NKT) cells in the skin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 49-54.	1.5	15
59	A Combination of Local Inflammation and Central Memory T Cells Potentiates Immunotherapy in the Skin. <i>Journal of Immunology</i> , 2012, 189, 5622-5631.	0.4	14
60	Enhanced tumor growth in the NaS1 sulfate transporter null mouse. <i>Cancer Science</i> , 2010, 101, 369-373.	1.7	13
61	Cloning and expression of a cDNA encoding a nonintegrin laminin-binding protein from <i>Echinococcus granulosus</i> with localization of the laminin-binding domain1Note: The nucleotide sequence reported in this paper has been submitted to the GenBank, EMBL DataBank with accession number L33460.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 87, 183-192.	0.5	12
62	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, 213-222.	2.0	12
63	Investigating T Cell Immunity in Cancer: Achievements and Prospects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2907.	1.8	12
64	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, 287-296.	0.7	11
65	Cytokine/chemokine profiles in squamous cell carcinoma correlate with precancerous and cancerous disease stage. <i>Scientific Reports</i> , 2019, 9, 17754.	1.6	11
66	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.	3.3	10
67	NKT Cell-Driven Enhancement of Antitumor Immunity Induced by Clec9a-Targeted Tailorable Nanoemulsion. <i>Cancer Immunology Research</i> , 2019, 7, 952-962.	1.6	10
68	Peptide Dose and/or Structure in Vaccines as a Determinant of T Cell Responses. <i>Vaccines</i> , 2014, 2, 537-548.	2.1	9
69	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.	0.3	9
70	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, 577-586.	1.0	8
71	IL-1 signalling determines the fate of skin grafts expressing non-self protein in keratinocytes. <i>Experimental Dermatology</i> , 2010, 19, 723-729.	1.4	8
72	HPV16-E7-Specific Activated CD8 T Cells in E7 Transgenic Skin and Skin Grafts. <i>Frontiers in Immunology</i> , 2017, 8, 524.	2.2	8

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73	Changes to peptide structure, not concentration, contribute to expansion of the lowest avidity cytotoxic T lymphocytes. <i>Journal of Leukocyte Biology</i> , 2004, 76, 787-795.	1.5	7
74	Control of Bâ€cell lymphoma by therapeutic vaccination and acquisition of immune resistance is independent of direct tumour IFNâ€gamma signalling. <i>Immunology and Cell Biology</i> , 2016, 94, 554-562.	1.0	7
75	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.	0.9	7
76	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, 3310.	1.7	7
77	Keratinocytes efficiently process endogenous antigens for cytotoxic Tâ€cell mediated lysis. <i>Experimental Dermatology</i> , 2009, 18, 1053-1059.	1.4	6
78	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.	2.2	6
79	Therapeutic vaccination with 4â€1BB co-stimulation eradicates mouse acute myeloid leukemia. <i>Oncolmmunology</i> , 2018, 7, e1486952.	2.1	6
80	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.	0.6	4
81	Tumour susceptibility to innate and adaptive immunotherapy changes during tumour maturation. <i>Immunology and Cell Biology</i> , 2004, 82, 455-461.	1.0	4
82	Sequence homology between two immunodiagnostic fusion proteins from <i>Echinococcus multilocularis</i> . <i>International Journal for Parasitology</i> , 1992, 22, 831-833.	1.3	3
83	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.	0.7	3
84	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.	0.3	3
85	Comparison of i-STATâ€ with Traditional Laboratory Analysers in the Measurement of Blood Analytes from Field Captured Dugongs (Dugong dugon). <i>Aquatic Mammals</i> , 2018, 44, 19-31.	0.4	3
86	Functional memory CD8+ T cells can be generated in vivo without evident T help. <i>Vaccine</i> , 2004, 23, 739-742.	1.7	1
87	Development of a polyclonal anti-dugong immunoglobulin G (IgG) antibody with evaluation of total plasma IgG in a living dugong (Dugong dugon) population. <i>Veterinary Immunology and Immunopathology</i> , 2018, 200, 16-25.	0.5	1
88	Abstract 945: Synthetic lethal screen identifies Aurora A as a selective target in HPV driven cervical cancer. , 2015, , .		0
89	Abstract A064: Modeling checkpoint blockade inhibitor resistant immunoregulation induced by squamous epithelial cancers. , 2016, , .		0
90	Cytotoxic T-Cell Adherence Assay (CAA). , 2000, 134, 277-281.		0