

Derek G Doherty

List of Publications by Year in descending order

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112
papers

6,794
citations

71102

41
h-index

62596

80
g-index

113
all docs

113
docs citations

113
times ranked

6881
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoimmune hepatitis in childhood: A 20-year experience. <i>Hepatology</i> , 1997, 25, 541-547.	7.3	613
2	Susceptibility to autoimmune chronic active hepatitis: Human leukocyte antigens DR4 and A1-B8-DR3 are independent risk factors. <i>Hepatology</i> , 1991, 13, 701-706.	7.3	357
3	Innate and adaptive lymphoid cells in the human liver. <i>Immunological Reviews</i> , 2000, 174, 5-20.	6.0	341
4	Resident human hepatitis lymphocytes are phenotypically different from circulating lymphocytes. <i>Journal of Hepatology</i> , 1998, 28, 84-90.	3.7	334
5	Immunity, tolerance and autoimmunity in the liver: A comprehensive review. <i>Journal of Autoimmunity</i> , 2016, 66, 60-75.	6.5	228
6	Defining the outcome of immunosuppression withdrawal after liver transplantation. <i>Hepatology</i> , 1998, 27, 926-933.	7.3	225
7	Invariant NKT cells and CD1d ⁺ cells amass in human omentum and are depleted in patients with cancer and obesity. <i>European Journal of Immunology</i> , 2009, 39, 1893-1901.	2.9	217
8	Allelic sequence variation in the HLA class II genes and proteins in patients with autoimmune hepatitis. <i>Hepatology</i> , 1994, 19, 609-615.	7.3	210
9	Natural T cells in the human liver: cytotoxic lymphocytes with dual T cell and natural killer cell phenotype and function are phenotypically heterogeneous and include V α 24-J α Q and β 1 T cell receptor bearing cells. <i>Human Immunology</i> , 1999, 60, 20-31.	2.4	195
10	NKT Cells from Normal and Tumor-Bearing Human Livers Are Phenotypically and Functionally Distinct from Murine NKT Cells. <i>Journal of Immunology</i> , 2003, 171, 1775-1779.	0.8	182
11	Selective Expansion and Partial Activation of Human NK Cells and NK Receptor-Positive T Cells by IL-2 and IL-15. <i>Journal of Immunology</i> , 2001, 167, 3129-3138.	0.8	156
12	Altered Distribution and Increased IL-17 Production by Mucosal-Associated Invariant T Cells in Adult and Childhood Obesity. <i>Journal of Immunology</i> , 2015, 194, 5775-5780.	0.8	144
13	Amino acid substitutions at position 38 of the DR β 2 polypeptide confer susceptibility to and protection from primary sclerosing cholangitis. <i>Hepatology</i> , 1992, 16, 390-395.	7.3	135
14	Altered natural killer cell subset distributions in resolved and persistent hepatitis C virus infection following single source exposure. <i>Gut</i> , 2008, 57, 1121-1128.	12.1	133
15	Cutting Edge: CD1d Restriction and Th1/Th2/Th17 Cytokine Secretion by Human V α 3 T Cells. <i>Journal of Immunology</i> , 2013, 191, 30-34.	0.8	130
16	Glucagon-like peptide-1 (GLP-1) and the regulation of human invariant natural killer T cells: lessons from obesity, diabetes and psoriasis. <i>Diabetologia</i> , 2011, 54, 2745-2754.	6.3	118
17	Susceptibility to primary biliary cirrhosis is associated with the HLA-DR8-DQB1*0402 haplotype. <i>Hepatology</i> , 1992, 16, 1404-1408.	7.3	116
18	Persistent Changes in Circulating and Intestinal β 1 T Cell Subsets, Invariant Natural Killer T Cells and Mucosal-Associated Invariant T Cells in Children and Adults with Coeliac Disease. <i>PLoS ONE</i> , 2013, 8, e76008.	2.5	101

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19	Distinct subpopulations of ?? T cells are present in normal and tumor-bearing human liver. <i>Clinical Immunology</i> , 2004, 113, 56-63.	3.2	97
20	Influence of human leukocyte antigen matching on liver allograft survival and rejection: â€œThe dualistic effectâ€• <i>Hepatology</i> , 1993, 17, 1008-1015.	7.3	94
21	HLA DQA, DQB, and DRB genotyping by oligonucleotide analysis: distribution of alleles and haplotypes in British caucasoids. <i>Human Immunology</i> , 1992, 34, 53-63.	2.4	93
22	Decrease in hepatic CD56+ T cells and VÎ±24+ natural killer T cells in chronic hepatitis C viral infection. <i>Journal of Hepatology</i> , 2002, 37, 101-108.	3.7	92
23	Activation-Induced Expression of CD56 by T Cells Is Associated With a Reprogramming of Cytolytic Activity and Cytokine Secretion Profile In Vitro. <i>Human Immunology</i> , 2006, 67, 863-873.	2.4	92
24	Genetic bases of autoimmune hepatitis. <i>Digestive Diseases and Sciences</i> , 2002, 47, 2139-2150.	2.3	85
25	Distinct and Overlapping Effector Functions of Expanded Human CD4+, CD8Î±+ and CD4-CD8Î±- Invariant Natural Killer T Cells. <i>PLoS ONE</i> , 2011, 6, e28648.	2.5	85
26	Genotype analysis for Î³F508, G551D and R553X mutations in children and young adults with cystic fibrosis with and without chronic liver disease. <i>Hepatology</i> , 1992, 15, 660-664.	7.3	84
27	Consensus statement from the BJA Workshop on Cancer and Anaesthesia. <i>British Journal of Anaesthesia</i> , 2015, 114, 2-3.	3.4	83
28	Diverse populations of T cells with NK cell receptors accumulate in the human intestine in health and in colorectal cancer. <i>European Journal of Immunology</i> , 2004, 34, 2110-2119.	2.9	72
29	Expansion of innate CD5pos B cells expressing high levels of CD81 in hepatitis C virus infected liver. <i>Journal of Hepatology</i> , 2003, 38, 642-650.	3.7	70
30	The molecular genetics of autoimmune liver disease. <i>Hepatology</i> , 1994, 20, 225-239.	7.3	69
31	Hepatic interleukin 15 (IL-15) expression: implications for local NK/NKT cell homeostasis and development. <i>Clinical and Experimental Immunology</i> , 2004, 138, 94-101.	2.6	68
32	Human VÎ³9/VÎ²2 T cells: Innate adaptors of the immune system. <i>Cellular Immunology</i> , 2015, 296, 10-21.	3.0	65
33	Major histocompatibility complex genes and susceptibility to systemic lupus erythematosus in southern chinese. <i>Arthritis and Rheumatism</i> , 1992, 35, 641-646.	6.7	63
34	Immune Dysregulation in Children With Down Syndrome. <i>Frontiers in Pediatrics</i> , 2020, 8, 73.	1.9	57
35	HLA DPB polymorphism in primary sclerosing cholangitis and primary biliary cirrhosis. <i>Hepatology</i> , 1995, 21, 959-962.	7.3	55
36	Isolation of lymphocytes from normal adult human liver suitable for phenotypic and functional characterisation. <i>Journal of Immunological Methods</i> , 2000, 242, 21-31.	1.4	55

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37	Human Small Intestinal Epithelial Cells Secrete Interleukin-7 and Differentially Express Two Different Interleukin-7 mRNA Transcripts: Implications for Extrathymic T-Cell Differentiation. <i>Human Immunology</i> , 1997, 58, 83-90.	2.4	52
38	Improvement in histological endpoints of MAFLD following a 12-week aerobic exercise intervention. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 1387-1398.	3.7	50
39	Increased systemic inflammation in children with Down syndrome. <i>Cytokine</i> , 2020, 127, 154938.	3.2	49
40	The major histocompatibility complex influences the development of chronic liver disease in male children and young adults with cystic fibrosis. <i>Journal of Hepatology</i> , 1995, 23, 532-537.	3.7	48
41	A Structural Model for TCR Recognition of the HLA Class II Shared Epitope Sequence Implicated in Susceptibility to Rheumatoid Arthritis. <i>Journal of Autoimmunity</i> , 1996, 9, 287-293.	6.5	47
42	Polymorphism in the Human Complement C4 Genes and Genetic Susceptibility to Autoimmune Hepatitis. <i>Autoimmunity</i> , 1994, 18, 243-249.	2.6	45
43	Human Invariant NKT Cell Subsets Differentially Promote Differentiation, Antibody Production, and T Cell Stimulation by B Cells In Vitro. <i>Journal of Immunology</i> , 2013, 191, 1666-1676.	0.8	43
44	(E)-4-Hydroxy-3-methyl-but-2 enyl pyrophosphate-stimulated V α 9V β 2 T cells possess T helper type 1-promoting adjuvant activity for human monocyte-derived dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1109-1120.	4.2	40
45	<i>Candida albicans</i> Stimulates IL-23 Release by Human Dendritic Cells and Downstream IL-17 Secretion by V α 1 T Cells. <i>Journal of Immunology</i> , 2015, 194, 5953-5960.	0.8	40
46	Pretransplantation CD56+ innate lymphocyte populations associated with severity of hepatitis C virus recurrence. <i>Liver Transplantation</i> , 2008, 14, 31-40.	2.4	37
47	Activation of human invariant natural killer T cells with a thioglycoside analogue of β -galactosylceramide. <i>Clinical Immunology</i> , 2011, 140, 196-207.	3.2	37
48	Activation and Regulation of B Cell Responses by Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1360.	4.8	36
49	Human V α 3+ V β 7 T cells induce maturation and IgM secretion by B cells. <i>Immunology Letters</i> , 2018, 196, 126-134.	2.5	35
50	Selective reduction of natural killer cells and T cells expressing inhibitory receptors for MHC class I in the livers of patients with hepatic malignancy. <i>Cancer Immunology, Immunotherapy</i> , 2003, 52, 53-58.	4.2	34
51	Hepatitis C virus α 1 cell responses and viral escape mutations. <i>European Journal of Immunology</i> , 2012, 42, 17-26.	2.9	33
52	Human leukocyte antigen A1-B8-DR3-DQ2-DPB1*0401 extended haplotype in autoimmune hepatitis. <i>Hepatology</i> , 1993, 18, 1334-1337.	7.3	32
53	T-Cell receptor constant β 2 germline gene polymorphisms and susceptibility to autoimmune hepatitis. <i>Gastroenterology</i> , 1994, 106, 1321-1325.	1.3	31
54	Preferential Th1 Cytokine Profile of Phosphoantigen-Stimulated Human V α 9V β 2 T Cells. <i>Mediators of Inflammation</i> , 2010, 2010, 1-11.	3.0	30

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55	Hospital-Acquired Pneumonia After Lung Resection Surgery Is Associated With Characteristic Cytokine Gene Expression. <i>Chest</i> , 2011, 139, 626-632.	0.8	29
56	HLA phenotypes and gene polymorphisms in juvenile liver disease associated with α 1-antitrypsin deficiency. <i>Hepatology</i> , 1990, 12, 218-223.	7.3	28
57	Human α 2+ α 3 T Cells Differentially Induce Maturation, Cytokine Production, and Alloreactive T Cell Stimulation by Dendritic Cells and B Cells. <i>Frontiers in Immunology</i> , 2014, 5, 650.	4.8	28
58	Extratumoral PD-1 blockade does not perpetuate obesity-associated inflammation in esophageal adenocarcinoma. <i>Cancer Letters</i> , 2018, 418, 230-238.	7.2	26
59	Altered endotoxin responsiveness in healthy children with Down syndrome. <i>BMC Immunology</i> , 2018, 19, 31.	2.2	26
60	Post-operative infection and sepsis in humans is associated with deficient gene expression of β c cytokines and their apoptosis mediators. <i>Critical Care</i> , 2011, 15, R158.	5.8	25
61	Cigarette smoke alters the invariant natural killer T cell function and may inhibit anti-tumor responses. <i>Clinical Immunology</i> , 2011, 140, 229-235.	3.2	25
62	Human duodenal epithelial cells constitutively express molecular components of antigen presentation but not costimulatory molecules. <i>Human Immunology</i> , 2002, 63, 977-986.	2.4	24
63	Dendritic cells: regulators of hepatic immunity or tolerance?. <i>Journal of Hepatology</i> , 2001, 34, 156-160.	3.7	23
64	Human Leukocyte Antigen Profile Predicts Severity of Autoimmune Liver Disease in Children of European Ancestry. <i>Hepatology</i> , 2021, 74, 2032-2046.	7.3	23
65	The molecular genetics of autoimmune liver disease. <i>Hepatology</i> , 1994, 20, 225-239.	7.3	23
66	Alterations in circulating lymphoid cell populations in systemic small vessel vasculitis are non-specific manifestations of renal injury. <i>Clinical and Experimental Immunology</i> , 2018, 191, 180-188.	2.6	22
67	Characterising Cytokine Gene Expression Signatures in Patients with Severe Sepsis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	3.0	20
68	Interleukin-15 is associated with disease severity in viral bronchiolitis. <i>European Respiratory Journal</i> , 2016, 47, 212-222.	6.7	19
69	Hepatic expression of IL-15 mRNA is associated with liver graft acceptance. <i>Transplant Immunology</i> , 2003, 11, 39-48.	1.2	18
70	Interleukin 12 (IL-12) is increased in tumour bearing human liver and expands CD8+ and CD56+ T cells in vitro but not in vivo. <i>Cytokine</i> , 2004, 25, 273-282.	3.2	18
71	A novel method to identify and characterise peptide mimotopes of heat shock protein 70-associated antigens. <i>Journal of Immune Based Therapies and Vaccines</i> , 2006, 4, 2.	2.4	18
72	Circulating α 56 ^{dim} natural killer cells and α 56 ⁺ T cells that produce interferon- γ or interleukin-10 are expanded in asymptomatic, E antigen-negative patients with persistent hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , 2015, 22, 335-345.	2.0	18

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73	The role of the liver in the migration of parasites of global significance. <i>Parasites and Vectors</i> , 2019, 12, 531.	2.5	18
74	Altered Toll-Like Receptor Signalling in Children with Down Syndrome. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	3.0	18
75	Antigen-specific immune tolerance in the liver. <i>Nature Biomedical Engineering</i> , 2019, 3, 763-765.	22.5	17
76	Retinoic acid induction of CD1d expression primes chronic lymphocytic leukemia B cells for killing by CD8 + invariant natural killer T cells. <i>Clinical Immunology</i> , 2017, 183, 91-98.	3.2	16
77	Dysregulated T helper type 1 (Th1) and Th17 responses in elderly hospitalised patients with infection and sepsis. <i>PLoS ONE</i> , 2019, 14, e0224276.	2.5	16
78	CD1 expression and CD1-restricted T cell activity in normal and tumour-bearing human liver. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 563-572.	4.2	15
79	IL-23R is Epigenetically Regulated and Modulated by Chemotherapy in Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2013, 3, 162.	2.8	15
80	Mucosal-associated invariant T cells are depleted and functionally altered in patients with common variable immunodeficiency. <i>Clinical Immunology</i> , 2017, 176, 23-30.	3.2	15
81	CD3 μ Expression Defines Functionally Distinct Subsets of V α 1 T Cells in Patients With Human Immunodeficiency Virus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 940.	4.8	15
82	Hepatitis C virus targets the T cell secretory machinery as a mechanism of immune evasion. <i>Hepatology</i> , 2011, 53, 1846-1853.	7.3	14
83	Epigenetic induction of CD1d expression primes lung cancer cells for killing by invariant natural killer T cells. <i>Oncolmmunology</i> , 2018, 7, e1428156.	4.6	14
84	Altered distributions and functions of natural killer T cells and $\gamma\delta$ T cells in neonates with neonatal encephalopathy, in school-age children at follow-up, and in children with cerebral palsy. <i>Journal of Neuroimmunology</i> , 2021, 356, 577597.	2.3	14
85	Differential expression and upregulation of interleukin-1 β , interleukin-1 β and interleukin-6 by freshly isolated human small intestinal epithelial cells. <i>Mediators of Inflammation</i> , 2002, 11, 313-319.	3.0	13
86	Increased Frequencies of Circulating IFN- γ -Producing V α 1 ⁺ and V α 2 ⁺ $\gamma\delta$ T Cells in Patients with Asymptomatic Persistent Hepatitis B Virus Infection. <i>Viral Immunology</i> , 2015, 28, 201-208.	1.3	12
87	Novel thioglycoside analogs of β -galactosylceramide stimulate cytotoxicity and preferential Th1 cytokine production by human invariant natural killer T cells. <i>Glycobiology</i> , 2018, 28, 512-521.	2.5	12
88	Stress-related hormonal suppression of natural killer activity does not show menstrual cycle variations: implications for timing of surgery for breast cancer. <i>Anticancer Research</i> , 2003, 23, 2531-5.	1.1	12
89	Characterization of NKR+ T-cell subsets in human bone marrow: implications for immunosurveillance of neoplasia. <i>Clinical Immunology</i> , 2005, 114, 42-51.	3.2	11
90	High Frequencies of Functionally Competent Circulating Tax-Specific CD8+ T Cells in Human T Lymphotropic Virus Type 2 Infection. <i>Journal of Immunology</i> , 2009, 183, 2957-2965.	0.8	10

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91	Unconventional T cells “ New players in antifungal immunity. <i>Clinical Immunology</i> , 2021, 227, 108734.	3.2	10
92	Tissue distribution of $\hat{I}^3\hat{I}$ T cell subsets in oesophageal adenocarcinoma. <i>Clinical Immunology</i> , 2021, 229, 108797.	3.2	9
93	CD1d expression and invariant natural killer T-cell numbers are reduced in patients with upper gastrointestinal cancers and are further impaired by commonly used chemotherapies. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 969-982.	4.2	7
94	Melatonin as an immunomodulator in children with Down syndrome. <i>Pediatric Research</i> , 2022, 91, 1812-1820.	2.3	7
95	The role of lymphocytes in neonatal encephalopathy. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100380.	2.5	7
96	Cortisol does not mediate the suppressive effects of psychiatric morbidity on natural killer cell activity: a cross-sectional study of patients with early breast cancer. <i>Psychological Medicine</i> , 2004, 34, 481-490.	4.5	6
97	Human Natural Killer cell expression of ULBP2 is associated with a mature functional phenotype. <i>Human Immunology</i> , 2016, 77, 876-885.	2.4	6
98	Innate Lymphocyte Th1 and Th17 Responses in Elderly Hospitalised Patients with Infection and Sepsis. <i>Vaccines</i> , 2020, 8, 311.	4.4	6
99	HLA genotyping of colorectal carcinoma in the Chinese population. <i>Human Immunology</i> , 1992, 34, 19-23.	2.4	5
100	HLA DPB Polymorphism in primary sclerosing cholangitis and primary biliary cirrhosis. <i>Hepatology</i> , 1995, 21, 959-962.	7.3	4
101	Synthesis and immunostimulatory activity of two \hat{I}^{\pm} -S-galactosyl phenyl-capped ceramides. <i>Arkivoc</i> , 2013, 2013, 363-377.	0.5	4
102	Improvement in cognitive impairment following a 12-week aerobic exercise intervention in individuals with non-cirrhotic chronic hepatitis C. <i>Journal of Viral Hepatitis</i> , 2021, 28, 637-650.	2.0	3
103	SARS-CoV-2 spike and nucleocapsid proteins fail to activate human dendritic cells or $\hat{I}^3\hat{I}$ T cells. <i>PLoS ONE</i> , 2022, 17, e0271463.	2.5	3
104	Viral Bronchiolitis is Associated With Altered Cytokine Gene Expression and Lymphocyte Activation Status. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, e326-e338.	2.0	2
105	Selective effects of radiotherapy on viability and function of invariant natural killer T cells in vitro. <i>Radiotherapy and Oncology</i> , 2020, 145, 128-136.	0.6	2
106	Innate Immune Mechanisms in the Liver. , 2007, , 41-48.		2
107	HIV-1 Tat clade-specific cytokine induction in monocytes/macrophages is not evidenced in total or $\hat{V}^39\hat{V}^2$ T lymphocytes. <i>Aids</i> , 2014, 28, 131-133.	2.2	1
108	Unmet needs persist in pediatric HIV programs. <i>Aids</i> , 2017, 31, 1196-1199.	2.2	1

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109	Distinct hepatic myeloid and lymphoid cell repertoires are associated with susceptibility and resistance to <i>Ascaris</i> infection. <i>Parasitology</i> , 2021, 148, 539-549.	1.5	1
110	OC33â€¦Altered toll like receptor 2 (TLR2) signalling in children with down syndrome. , 2019, , .		0
111	Core Concepts in Immunology. , 2014, , 11-26.		0
112	A Short Primer on Fundamental Immunology. , 2007, , 15-24.		0