

# Cliona O'Farrelly

## List of Publications by Year in descending order

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Version: 2024-02-01

168  
papers

11,776  
citations

22099

59  
h-index

30848

102  
g-index

169  
all docs

169  
docs citations

169  
times ranked

16284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver immunology and its role in inflammation and homeostasis. <i>Cellular and Molecular Immunology</i> , 2016, 13, 267-276.	4.8	693
2	Persistent fatigue following SARS-CoV-2 infection is common and independent of severity of initial infection. <i>PLoS ONE</i> , 2020, 15, e0240784.	1.1	634
3	CD39 <sup>+</sup> Foxp3 <sup>+</sup> Regulatory T Cells Suppress Pathogenic Th17 Cells and Are Impaired in Multiple Sclerosis. <i>Journal of Immunology</i> , 2009, 183, 7602-7610.	0.4	430
4	Adipose Tissue Invariant NKT Cells Protect against Diet-Induced Obesity and Metabolic Disorder through Regulatory Cytokine Production. <i>Immunity</i> , 2012, 37, 574-587.	6.6	419
5	Metabolic reprogramming of natural killer cells in obesity limits antitumor responses. <i>Nature Immunology</i> , 2018, 19, 1330-1340.	7.0	396
6	Innate and adaptive lymphoid cells in the human liver. <i>Immunological Reviews</i> , 2000, 174, 5-20.	2.8	341
7	Resident human hepatitis lymphocytes are phenotypically different from circulating lymphocytes. <i>Journal of Hepatology</i> , 1998, 28, 84-90.	1.8	334
8	Reoxygenation-specific activation of the antioxidant transcription factor Nrf2 mediates cytoprotective gene expression in ischemia-reperfusion injury. <i>FASEB Journal</i> , 2006, 20, 2624-2626.	0.2	231
9	Clinical anxiety, cortisol and interleukin-6: Evidence for specificity in emotion-biology relationships. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1074-1077.	2.0	222
10	Invariant NKT cells and CD1d <sup>+</sup> cells amass in human omentum and are depleted in patients with cancer and obesity. <i>European Journal of Immunology</i> , 2009, 39, 1893-1901.	1.6	217
11	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	13.7	216
12	Persistent Poor Health after COVID-19 Is Not Associated with Respiratory Complications or Initial Disease Severity. <i>Annals of the American Thoracic Society</i> , 2021, 18, 997-1003.	1.5	202
13	Bioinformatic discovery and initial characterisation of nine novel antimicrobial peptide genes in the chicken. <i>Immunogenetics</i> , 2004, 56, 170-177.	1.2	197
14	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 $\beta$ 24-J $\beta$ Q and $\beta$ 1 T cell receptor bearing cells. <i>Human Immunology</i> , 1999, 60, 20-31.	1.2	195
15	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.	0.4	182
16	Microanatomy of the liver immune system. <i>Seminars in Immunopathology</i> , 2009, 31, 333-343.	2.8	182
17	Lactate-Mediated Acidification of Tumor Microenvironment Induces Apoptosis of Liver-Resident NK Cells in Colorectal Liver Metastasis. <i>Cancer Immunology Research</i> , 2019, 7, 335-346.	1.6	181
18	Induction of a Novel Chicken Toll-Like Receptor following <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2006, 74, 1692-1698.	1.0	173

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19	Toll-like receptor and antimicrobial peptide expression in the bovine endometrium. <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 53.	1.4	167
20	SUICIDAL IDEATION IS ASSOCIATED WITH ELEVATED INFLAMMATION IN PATIENTS WITH MAJOR DEPRESSIVE DISORDER. <i>Depression and Anxiety</i> , 2013, 30, 307-314.	2.0	166
21	The Relationship of Omental and Subcutaneous Adipocyte Size to Metabolic Disease in Severe Obesity. <i>PLoS ONE</i> , 2010, 5, e9997.	1.1	165
22	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.	0.4	156
23	Prolonged elevation of D-dimer levels in convalescent COVID-19 patients is independent of the acute phase response. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1064-1070.	1.9	142
24	Avian beta-defensin nomenclature: A community proposed update. <i>Immunology Letters</i> , 2007, 110, 86-89.	1.1	138
25	Natural Killer Cells in Obesity: Impaired Function and Increased Susceptibility to the Effects of Cigarette Smoke. <i>PLoS ONE</i> , 2010, 5, e8660.	1.1	137
26	Tissue-resident Eomes <sup>hi</sup> Tbet <sup>lo</sup> CD56 <sup>bright</sup> NK cells with reduced proinflammatory potential are enriched in the adult human liver. <i>European Journal of Immunology</i> , 2016, 46, 2111-2120.	1.6	135
27	Histopathological and molecular evaluation of Holstein-Friesian cows postpartum: Toward an improved understanding of uterine innate immunity. <i>Theriogenology</i> , 2009, 71, 1396-1407.	0.9	132
28	Innate immune genes synergize to predict increased risk of chronic disease in hepatitis C virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5736-5741.	3.3	121
29	Hepatitis C Virus-Specific Th17 Cells Are Suppressed by Virus-Induced TGF- $\beta$ 2. <i>Journal of Immunology</i> , 2008, 181, 4485-4494.	0.4	118
30	Myeloid Engraftment in Humanized Mice: Impact of Granulocyte-Colony Stimulating Factor Treatment and Transgenic Mouse Strain. <i>Stem Cells and Development</i> , 2016, 25, 530-541.	1.1	113
31	$\beta$ -Defensins: Farming the Microbiome for Homeostasis and Health. <i>Frontiers in Immunology</i> , 2018, 9, 3072.	2.2	111
32	Receptor-mediated recognition of mycobacterial pathogens. <i>Cellular Microbiology</i> , 2013, 15, 1484-1495.	1.1	104
33	The avian Toll-Like receptor pathway—Subtle differences amidst general conformity. <i>Developmental and Comparative Immunology</i> , 2009, 33, 967-973.	1.0	103
34	Distinct subpopulations of ?? T cells are present in normal and tumor-bearing human liver. <i>Clinical Immunology</i> , 2004, 113, 56-63.	1.4	97
35	Next Generation Sequencing Reveals the Expression of a Unique miRNA Profile in Response to a Gram-Positive Bacterial Infection. <i>PLoS ONE</i> , 2013, 8, e57543.	1.1	93
36	Decrease in hepatic CD56+ T cells and V $\alpha$ 24+ natural killer T cells in chronic hepatitis C viral infection. <i>Journal of Hepatology</i> , 2002, 37, 101-108.	1.8	92

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37	Comparative in vivo infection models yield insights on early host immune response to <i>Campylobacter</i> in chickens. <i>Immunogenetics</i> , 2009, 61, 101-110.	1.2	92
38	CD141+ myeloid dendritic cells are enriched in healthy human liver. <i>Journal of Hepatology</i> , 2014, 60, 135-142.	1.8	91
39	In vitro evidence for the presence of hematopoietic stem cells in the adult human liver. <i>Hepatology</i> , 1999, 29, 1193-1198.	3.6	87
40	Experimental <i>Staphylococcus aureus</i> infection of the mammary gland induces region-specific changes in innate immune gene expression. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 181-189.	0.5	87
41	Cells with haematopoietic stem cell phenotype in adult human endometrium: relevance to infertility?. <i>Human Reproduction</i> , 2007, 22, 919-926.	0.4	86
42	Natural Killer Cells: Key Players in Endometriosis. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 291-301.	1.2	86
43	Collagenase and Dispase enzymes disrupt lymphocyte surface molecules. <i>Journal of Immunological Methods</i> , 1996, 194, 211-216.	0.6	79
44	miR-19a: An Effective Regulator of SOCS3 and Enhancer of JAK-STAT Signalling. <i>PLoS ONE</i> , 2013, 8, e69090.	1.1	76
45	In silico identification of components of the Toll-like receptor (TLR) signaling pathway in clustered chicken expressed sequence tags (ESTs). <i>Veterinary Immunology and Immunopathology</i> , 2003, 93, 177-184.	0.5	74
46	The synthetic form of a novel chicken $\beta$ -defensin identified in silico is predominantly active against intestinal pathogens. <i>Immunogenetics</i> , 2005, 57, 90-98.	1.2	74
47	Evolution, expression and effectiveness in a cluster of novel bovine $\beta$ 2-defensins. <i>Immunogenetics</i> , 2008, 60, 147-156.	1.2	73
48	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.	1.6	72
49	Anxiety is associated with higher levels of global DNA methylation and altered expression of epigenetic and interleukin-6 genes. <i>Psychiatric Genetics</i> , 2015, 25, 71-78.	0.6	72
50	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. <i>Nature Medicine</i> , 2022, 28, 879-882.	15.2	72
51	Innate immune gene expression differentiates the early avian intestinal response between <i>Salmonella</i> and <i>Campylobacter</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 132, 191-198.	0.5	71
52	The Role of microRNAs in Bovine Infection and Immunity. <i>Frontiers in Immunology</i> , 2014, 5, 611.	2.2	71
53	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.	1.8	70
54	RAG1, RAG2 and pre-T cell receptor $\beta$ chain expression by adult human hepatic T cells: evidence for extrathymic T cell maturation. <i>European Journal of Immunology</i> , 1996, 26, 3114-3118.	1.6	69

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55	Evidence of Positively Selected Sites in Mammalian $\beta$ -Defensins. <i>Molecular Biology and Evolution</i> , 2004, 21, 819-827.	3.5	67
56	Reconstitution of hepatitis C virus-specific T-cell-mediated immunity after liver transplantation. <i>Hepatology</i> , 2005, 41, 72-81.	3.6	65
57	RNA-seq Transcriptional Profiling of Peripheral Blood Leukocytes from Cattle Infected with <i>Mycobacterium bovis</i> . <i>Frontiers in Immunology</i> , 2014, 5, 396.	2.2	65
58	Hepatic Tumor Microenvironments and Effects on NK Cell Phenotype and Function. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4131.	1.8	65
59	Phenotypic and Functional Changes of Cytotoxic CD56 pos Natural T Cells Determine Outcome of Acute Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2007, 81, 9292-9298.	1.5	64
60	Differential antimicrobial peptide gene expression patterns during early chicken embryological development. <i>Developmental and Comparative Immunology</i> , 2009, 33, 516-524.	1.0	64
61	The Differential Evolutionary Dynamics of Avian Cytokine and TLR Gene Classes. <i>Journal of Immunology</i> , 2010, 184, 6993-7000.	0.4	63
62	The postpartum endometrial inflammatory response: a normal physiological event with potential implications for bovine fertility. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1028.	0.1	62
63	RAG1 and RAG2 expression in human intestinal epithelium: evidence of extrathymic T cell differentiation. <i>European Journal of Immunology</i> , 1995, 25, 1143-1147.	1.6	59
64	Isolation of lymphocytes from normal adult human liver suitable for phenotypic and functional characterisation. <i>Journal of Immunological Methods</i> , 2000, 242, 21-31.	0.6	55
65	Alteration of immune markers in a group of melancholic depressed patients and their response to electroconvulsive therapy. <i>Journal of Affective Disorders</i> , 2016, 205, 60-68.	2.0	55
66	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.	1.2	52
67	Endometrial epithelial cells are potent producers of tracheal antimicrobial peptide and serum amyloid A3 gene expression in response to <i>E. coli</i> stimulation. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 157-162.	0.5	50
68	EXPRESSION OF INTERLEUKIN 7 (IL-7) mRNA AND PROTEIN IN THE NORMAL ADULT HUMAN LIVER: IMPLICATIONS FOR EXTRATHYMIC T CELL DEVELOPMENT. <i>Cytokine</i> , 2001, 14, 143-151.	1.4	49
69	Hepatitis C virus targets the interferon- $\gamma$ JAK/STAT pathway by promoting proteasomal degradation in immune cells and hepatocytes. <i>FEBS Letters</i> , 2013, 587, 1571-1578.	1.3	45
70	Ribavirin Enhances IFN- $\alpha$ Signalling and MxA Expression: A Novel Immune Modulation Mechanism during Treatment of HCV. <i>PLoS ONE</i> , 2011, 6, e27866.	1.1	44
71	Cauda Epididymis-Specific Beta-Defensin 126 Promotes Sperm Motility but Not Fertilizing Ability in Cattle. <i>Biology of Reproduction</i> , 2016, 95, 122-122.	1.2	44
72	The Immune Consequences of Lactate in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1259, 113-124.	0.8	43

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73	Expansion of peripheral blood CD5+ B cells is associated with mild disease in chronic hepatitis C virus infection. <i>Journal of Hepatology</i> , 2000, 32, 121-125.	1.8	41
74	Tissue-specific NK cell populations and their origin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 981-990.	1.5	41
75	Immune Cell Profiling of IFN- $\gamma$ Response Shows pDCs Express Highest Level of IFN- $\gamma$ R1 and Are Directly Responsive via the JAK-STAT Pathway. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 671-680.	0.5	41
76	Endogenous Oils Derived From Human Adipocytes Are Potent Adjuvants That Promote IL-1 $\beta$ -Dependent Inflammation. <i>Diabetes</i> , 2014, 63, 2037-2050.	0.3	38
77	Modification of chicken avian $\beta$ -defensin-8 at positively selected amino acid sites enhances specific antimicrobial activity. <i>Immunogenetics</i> , 2007, 59, 573-580.	1.2	37
78	Activation of human invariant natural killer T cells with a thioglycoside analogue of $\beta$ -galactosylceramide. <i>Clinical Immunology</i> , 2011, 140, 196-207.	1.4	37
79	HIV-1 Promotes the Degradation of Components of the Type 1 IFN JAK/STAT Pathway and Blocks Anti-viral ISG Induction. <i>EBioMedicine</i> , 2018, 30, 203-216.	2.7	37
80	Non-canonical Inflammasome-Mediated IL-1 $\beta$ Production by Primary Endometrial Epithelial and Stromal Fibroblast Cells Is NLRP3 and Caspase-4 Dependent. <i>Frontiers in Immunology</i> , 2019, 10, 102.	2.2	37
81	Differential expression of lymphoid and myeloid markers on differentiating hematopoietic stem cells in normal and tumor-bearing adult human liver. <i>Hepatology</i> , 2000, 31, 1251-1256.	3.6	36
82	Hepatitis C virus (HCV)-induced suppressor of cytokine signaling (SOCS) 3 regulates proinflammatory TNF- $\alpha$ responses. <i>Journal of Leukocyte Biology</i> , 2014, 96, 255-263.	1.5	36
83	A novel anti-viral role for STAT3 in IFN- $\gamma$ signalling responses. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1755-1764.	2.4	36
84	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.	2.0	34
85	Effect of Chronic Hepatitis C Virus Infection on Bone Disease in Postmenopausal Women. <i>Clinical Gastroenterology and Hepatology</i> , 2009, 7, 894-899.	2.4	33
86	Increased uNK Progenitor Cells in Women With Endometriosis and Infertility are Associated With Low Levels of Endometrial Stem Cell Factor. <i>American Journal of Reproductive Immunology</i> , 2016, 75, 493-502.	1.2	33
87	Cervico-vaginal mucus (CVM) – an accessible source of immunologically informative biomolecules. <i>Veterinary Research Communications</i> , 2018, 42, 255-263.	0.6	33
88	Inflammatory processes in the liver: divergent roles in homeostasis and pathology. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1375-1386.	4.8	32
89	Detection and Characterization of Hemopoietic Stem Cells in the Adult Human Small Intestine. <i>Journal of Immunology</i> , 2006, 176, 5199-5204.	0.4	31
90	Profiling inflammatory biomarkers in cervico-vaginal mucus (CVM) postpartum: Potential early indicators of bovine clinical endometritis?. <i>Theriogenology</i> , 2017, 103, 117-122.	0.9	30

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91	Risk factors for the development of depression in patients with hepatitis C taking interferon- $\alpha$ ; <i>Neuropsychiatric Disease and Treatment</i> , 2011, 7, 275.	1.0	29
92	Having it all? Stem cells, haematopoiesis and lymphopoiesis in adult human liver. <i>Immunology and Cell Biology</i> , 2002, 80, 45-51.	1.0	28
93	Variant in CD209 promoter is associated with severity of liver disease in chronic hepatitis C virus infection. <i>Human Immunology</i> , 2010, 71, 829-832.	1.2	28
94	The CD4+ T cell methylome contributes to a distinct CD4+ T cell transcriptional signature in <i>Mycobacterium bovis</i> -infected cattle. <i>Scientific Reports</i> , 2016, 6, 31014.	1.6	28
95	Factors produced by activated leukocytes alter renal epithelial cell differentiation. <i>Kidney International</i> , 1999, 56, 1266-1269.	2.6	27
96	ORIGINAL ARTICLE: Changes in Endometrial Natural Killer Cell Expression of CD94, CD158a and CD158b are Associated with Infertility. <i>American Journal of Reproductive Immunology</i> , 2009, 61, 265-276.	1.2	27
97	CD4+CD8+ human small intestinal T cells are decreased in coeliac patients, with CD8 expression downregulated on intra-epithelial T cells in the active disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2004, 16, 961-968.	0.8	26
98	Extratumoral PD-1 blockade does not perpetuate obesity-associated inflammation in esophageal adenocarcinoma. <i>Cancer Letters</i> , 2018, 418, 230-238.	3.2	26
99	Gliadin antibodies identify gluten-sensitive oral ulceration in the absence of villous atrophy. <i>Journal of Oral Pathology and Medicine</i> , 1991, 20, 476-478.	1.4	25
100	CCR1 antagonism attenuates T cell trafficking to omentum and liver in obesity-associated cancer. <i>Immunology and Cell Biology</i> , 2016, 94, 531-537.	1.0	25
101	Human duodenal epithelial cells constitutively express molecular components of antigen presentation but not costimulatory molecules. <i>Human Immunology</i> , 2002, 63, 977-986.	1.2	24
102	Sex-specific effects of TLR9 promoter variants on spontaneous clearance of HCV infection. <i>Gut</i> , 2017, 66, 1829-1837.	6.1	24
103	Previous SARS-CoV-2 Infection, Age, and Frailty Are Associated With 6-Month Vaccine-Induced Anti-Spike Antibody Titer in Nursing Home Residents. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 434-439.	1.2	24
104	Comparative Analysis of Methods of Purification of Egg Yolk Immunoglobulin. <i>Food and Agricultural Immunology</i> , 2000, 12, 77-85.	0.7	23
105	Prevalence of antibodies to SARS-CoV-2 in Irish hospital healthcare workers. <i>Epidemiology and Infection</i> , 2021, 149, e157.	1.0	23
106	IFNL cytokines do not modulate human or murine NK cell functions. <i>Human Immunology</i> , 2014, 75, 996-1000.	1.2	22
107	Changes in hepatic immunoregulatory cytokines in patients with metastatic colorectal carcinoma: Implications for hepatic anti-tumour immunity. <i>Cytokine</i> , 2006, 35, 171-179.	1.4	21
108	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic-associated Pernio. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2791-2796.	0.3	21

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109	The microenvironment of visceral adipose tissue and liver alter natural killer cell viability and function. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1435-1442.	1.5	19
110	Liver-Derived TGF- $\beta$ 2 Maintains the EomeshiTbetlo Phenotype of Liver Resident Natural Killer Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1502.	2.2	19
111	Adhesion molecules utilized in binding of intraepithelial lymphocytes to human enterocytes. <i>European Journal of Immunology</i> , 1994, 24, 1013-1016.	1.6	18
112	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.	1.4	18
113	Lower Expression of Nrf2 mRNA in Older Donor Livers: A Possible Contributor to Increased Ischemia-Associated Reperfusion Injury?. <i>Transplantation</i> , 2007, 84, 1272-1278.	0.5	18
114	Global gene expression analysis of chicken caecal response to <i>Campylobacter jejuni</i> . <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 64-71.	0.5	18
115	Type I Interferon and the Spectrum of Susceptibility to Viral Infection and Autoimmune Disease: A Shared Genomic Signature. <i>Frontiers in Immunology</i> , 2021, 12, 757249.	2.2	17
116	Toxigenic <i>C. difficile</i> induced inflammatory marker expression by human intestinal epithelial cells is asymmetrical. <i>Life Sciences</i> , 2006, 78, 920-925.	2.0	16
117	Liver immunity and tumour surveillance. <i>Immunology Letters</i> , 2006, 107, 83-88.	1.1	16
118	Commitment of Decidual Haematopoietic Progenitor Cells in First Trimester Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2012, 67, 9-16.	1.2	16
119	Uterine natural killer cell progenitor populations predict successful implantation in women with endometriosis-associated infertility. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12817.	1.2	16
120	Severe COVID-19 is characterised by inflammation and immature myeloid cells early in disease progression. <i>Heliyon</i> , 2022, 8, e09230.	1.4	16
121	CD1 expression and CD1-restricted T cell activity in normal and tumour-bearing human liver. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 563-572.	2.0	15
122	Functional characterisation of bovine interleukin 8 promoter haplotypes in vitro. <i>Molecular Immunology</i> , 2012, 50, 108-116.	1.0	15
123	Adult Human Liver Contains CD8pos T Cells with Naive Phenotype, but Is Not a Site for Conventional $\beta$ 2 T Cell Development. <i>Journal of Immunology</i> , 2004, 172, 5980-5985.	0.4	14
124	Hepatitis C virus targets the T cell secretory machinery as a mechanism of immune evasion. <i>Hepatology</i> , 2011, 53, 1846-1853.	3.6	14
125	Early Subretinal Allograft Rejection is Characterized by Innate Immune Activity. <i>Cell Transplantation</i> , 2017, 26, 983-1000.	1.2	14
126	Differential expression and upregulation of interleukin-1 $\beta$ , interleukin-1 $\beta$ 2 and interleukin-6 by freshly isolated human small intestinal epithelial cells. <i>Mediators of Inflammation</i> , 2002, 11, 313-319.	1.4	13

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127	Contrasting evolution of diversity at two disease-associated chicken genes. <i>Immunogenetics</i> , 2009, 61, 303-314.	1.2	13
128	Suppressor of cytokine signalling (SOCS) 1 and 3 enhance cell adhesion and inhibit migration towards the chemokine eotaxin/CCL11. <i>FEBS Letters</i> , 2010, 584, 4469-4474.	1.3	12
129	Differential Expression of NK Receptors CD94 and NKG2A by T Cells in Rheumatoid Arthritis Patients in Remission Compared to Active Disease. <i>PLoS ONE</i> , 2011, 6, e27182.	1.1	12
130	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.	0.5	12
131	Divergent antimicrobial peptide (AMP) and acute phase protein (APP) responses to <i>Trypanosoma congolense</i> infection in trypanotolerant and trypanosusceptible cattle. <i>Molecular Immunology</i> , 2009, 47, 196-204.	1.0	11
132	Interferon- $\gamma$ suppressed granulocyte colony stimulating factor production is reversed by CL097, a TLR7/8 agonist. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2010, 25, 1883-1890.	1.4	11
133	Serum Free Production of Three-dimensional Human Hepatospheres from Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	11
134	Searching for Goldilocks: How Evolution and Ecology Can Help Uncover More Effective Patient-Specific Chemotherapies. <i>Cancer Research</i> , 2020, 80, 5147-5154.	0.4	11
135	Directed alteration of a novel bovine $\beta$ -defensin to improve antimicrobial efficacy against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 392-397.	1.1	10
136	Comparative genomic identification and expression profiling of a novel $\beta$ -defensin gene cluster in the equine reproductive tract. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1499.	0.1	10
137	The hepatitis C virus (HCV) protein, p7, suppresses inflammatory responses to tumor necrosis factor (TNF)- $\alpha$ via <i>IRAK1</i> signal transducer and activator of transcription (STAT)3 and extracellular signal-regulated kinase (ERK)-mediated induction of suppressor of cytokine signaling (SOCS)3. <i>FASEB Journal</i> , 2019, 33, 8732-8744.	0.2	10
138	Qualitative and quantitative differences in endometrial inflammatory gene expression precede the development of bovine uterine disease. <i>Scientific Reports</i> , 2020, 10, 18275.	1.6	10
139	Improved filtration method to isolate pure populations of primary bovine endometrial epithelial and stromal cells for immunological studies. <i>Veterinary Research Communications</i> , 2020, 44, 29-39.	0.6	10
140	NRF2 assessment in discarded liver allografts: A role in allograft function and salvage. <i>American Journal of Transplantation</i> , 2022, 22, 58-70.	2.6	10
141	Disease outcomes in a cohort of women in Ireland infected by hepatitis C-contaminated anti-D immunoglobulin during 1970s. <i>Journal of Hepatology</i> , 2017, 67, 1140-1147.	1.8	9
142	Depleted polymorphonuclear leukocytes in human metastatic liver reflect an altered immune microenvironment associated with recurrent metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1041-1052.	2.0	8
143	Purulent vaginal discharge diagnosed in pasture-based Holstein-Friesian cows at 21 days postpartum is influenced by previous lactation milk yield and results in diminished fertility. <i>Journal of Dairy Science</i> , 2020, 103, 666-675.	1.4	8
144	Endometrial aspiration biopsy: a non-invasive method of obtaining functional lymphoid progenitor cells and mature natural killer cells. <i>Reproductive BioMedicine Online</i> , 2012, 25, 322-328.	1.1	7

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