

# Simon Carding

## List of Publications by Citations

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172  
papers

12,921  
citations

54  
h-index

111  
g-index

182  
ext. papers

14,633  
ext. citations

7.8  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
172	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.	44.2	2783
171	Inflammatory bowel disease: cause and immunobiology. <i>Lancet, The</i> , <b>2007</b> , 369, 1627-40	40	1278
170	Gammadelta T cells: functional plasticity and heterogeneity. <i>Nature Reviews Immunology</i> , <b>2002</b> , 2, 336-45.	36.5	620
169	Dysbiosis of the gut microbiota in disease. <i>Microbial Ecology in Health and Disease</i> , <b>2015</b> , 26, 26191		604
168	Roles of alpha beta and gamma delta T cell subsets in viral immunity. <i>Annual Review of Immunology</i> , <b>1992</b> , 10, 123-51	34.7	344
167	The relationship of IL-4- and IFN gamma-producing T cells studied by lineage ablation of IL-4-producing cells. <i>Cell</i> , <b>1993</b> , 75, 985-95	56.2	248
166	CD4+ T cells: specificity and function. <i>Immunological Reviews</i> , <b>1988</b> , 101, 39-80	11.3	247
165	Interferon gamma inhibits apoptotic cell death in B cell chronic lymphocytic leukemia. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 177, 213-8	16.6	224
164	A monoclonal antibody to murine CD45R distinguishes CD4 T cell populations that produce different cytokines. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 617-23	6.1	219
163	Late dominance of the inflammatory process in murine influenza by gamma/delta + T cells. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 172, 1225-31	16.6	190
162	Microbiome-host systems interactions: protective effects of propionate upon the blood-brain barrier. <i>Microbiome</i> , <b>2018</b> , 6, 55	16.6	170
161	Heat shock protein Hsp60-reactive gamma delta cells: a large, diversified T-lymphocyte subset with highly focused specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 4348-52	11.5	147
160	Progesterone and estradiol modulate interleukin-1 beta messenger ribonucleic acid levels in cultured human peripheral monocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 69, 1200-8.	5.6	146
159	Cytokines in T-cell development. <i>Trends in Immunology</i> , <b>1991</b> , 12, 239-45		144
158	Gut microbes and metabolites as modulators of blood-brain barrier integrity and brain health. <i>Gut Microbes</i> , <b>2020</b> , 11, 135-157	8.8	138
157	Activation of cytokine genes in T cells during primary and secondary murine influenza pneumonia. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 177, 475-82	16.6	136
156	The WD40 domain of ATG16L1 is required for its non-canonical role in lipidation of LC3 at single membranes. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	128

155	Review article: the human intestinal virome in health and disease. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2017</b> , 46, 800-815	6.1	128
154	Colonic dendritic cells, intestinal inflammation, and T cell-mediated bone destruction are modulated by recombinant osteoprotegerin. <i>Immunity</i> , <b>2003</b> , 19, 849-61	32.3	124
153	Lymphoid hyperplasia, autoimmunity, and compromised intestinal intraepithelial lymphocyte development in colitis-free gnotobiotic IL-2-deficient mice. <i>Journal of Immunology</i> , <b>1998</b> , 160, 385-94	5.3	123
152	MHC control of CD4+ T cell subset activation. <i>Journal of Experimental Medicine</i> , <b>1989</b> , 170, 2135-40	16.6	106
151	Intraepithelial gammadelta+ lymphocytes maintain the integrity of intestinal epithelial tight junctions in response to infection. <i>Gastroenterology</i> , <b>2006</b> , 131, 818-29	13.3	101
150	Downmodulation of the inflammatory response to bacterial infection by gammadelta T cells cytotoxic for activated macrophages. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 2145-58	16.6	99
149	Combating inflammaging through a Mediterranean whole diet approach: the NU-AGE project conceptual framework and design. <i>Mechanisms of Ageing and Development</i> , <b>2014</b> , 136-137, 3-13	5.6	97
148	Characterization of gamma delta T lymphocytes at the maternal-fetal interface. <i>Journal of Immunology</i> , <b>1992</b> , 149, 2872-8	5.3	92
147	Disease-specific changes in gammadelta T cell repertoire and function in patients with pulmonary tuberculosis. <i>Journal of Immunology</i> , <b>1996</b> , 157, 4222-9	5.3	91
146	Developmentally regulated fetal thymic and extrathymic T-cell receptor gamma delta gene expression. <i>Genes and Development</i> , <b>1990</b> , 4, 1304-15	12.6	85
145	Crohn disease: a current perspective on genetics, autophagy and immunity. <i>Autophagy</i> , <b>2011</b> , 7, 355-74	10.2	84
144	The importance of gamma delta T cells in the resolution of pathogen-induced inflammatory immune responses. <i>Immunological Reviews</i> , <b>2000</b> , 173, 98-108	11.3	84
143	The gut virome: the missing link between gut bacteria and host immunity?. <i>Therapeutic Advances in Gastroenterology</i> , <b>2019</b> , 12, 1756284819836620	4.7	81
142	Changes in Human Mucosal T Cell Repertoire and Function Associated with the Disease Process in Inflammatory Bowel Disease. <i>Molecular Medicine</i> , <b>1997</b> , 3, 183-203	6.2	79
141	Identification of Novel T-Cell Subsets following Bacterial Infection in the Absence of V $\alpha$ + T Cells: Homeostatic Control of T-Cell Responses to Pathogen Infection by V $\alpha$ + T Cells. <i>Infection and Immunity</i> , <b>2008</b> , 76, 863-863	3.7	78
140	Involvement of the Fas/Fas ligand pathway in activation-induced cell death of mycobacteria-reactive human gamma delta T cells: a mechanism for the loss of gamma delta T cells in patients with pulmonary tuberculosis. <i>Journal of Immunology</i> , <b>1998</b> , 161, 1558-67	5.3	74
139	Murine T cell determination of pregnancy outcome. <i>Cellular Immunology</i> , <b>1999</b> , 196, 71-9	4.4	68
138	Diversity in T-cell receptor gamma gene usage in intestinal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 5527-31	11.5	67

137	Xylan-regulated delivery of human keratinocyte growth factor-2 to the inflamed colon by the human anaerobic commensal bacterium <i>Bacteroides ovatus</i> . <i>Gut</i> , <b>2010</b> , 59, 461-9	19.2	66
136	Mucosal vaccines and technology. <i>Clinical and Experimental Immunology</i> , <b>2019</b> , 196, 205-214	6.2	65
135	Fas-Fas ligand interactions are essential for the binding to and killing of activated macrophages by gamma delta T cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 3660-7	5.3	65
134	Treatment of colitis with a commensal gut bacterium engineered to secrete human TGF- $\beta$ under the control of dietary xylan 1. <i>Inflammatory Bowel Diseases</i> , <b>2011</b> , 17, 1925-35	4.5	61
133	Extrathymic origin of human gamma delta T cells during fetal development. <i>Journal of Immunology</i> , <b>1996</b> , 157, 2873-82	5.3	61
132	Cephalosporinases associated with outer membrane vesicles released by <i>Bacteroides</i> spp. protect gut pathogens and commensals against $\beta$ -lactam antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 701-9	5.1	60
131	A bacterial homolog of a eukaryotic inositol phosphate signaling enzyme mediates cross-kingdom dialog in the mammalian gut. <i>Cell Reports</i> , <b>2014</b> , 6, 646-56	10.6	59
130	Abdominal aortic aneurysms: an autoimmune disease?. <i>Trends in Molecular Medicine</i> , <b>2008</b> , 14, 522-9	11.5	59
129	Developmental control of lymphokine gene expression in fetal thymocytes during T-cell ontogeny. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 3342-5	11.5	59
128	Plasma membrane expression of heat shock protein 60 in vivo in response to infection. <i>Infection and Immunity</i> , <b>1999</b> , 67, 4191-200	3.7	59
127	A subset of IL-10-producing gammadelta T cells protect the liver from <i>Listeria</i> -elicited, CD8(+) T cell-mediated injury. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2274-83	6.1	58
126	Functional characterization of T cells in abdominal aortic aneurysms. <i>Immunology</i> , <b>2005</b> , 115, 262-70	7.8	58
125	Diet, the intestinal microbiota, and immune health in aging. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2018</b> , 58, 651-661	11.5	57
124	Regulated expression and structure of T cell receptor gamma/delta transcripts in human thymic ontogeny.. <i>EMBO Journal</i> , <b>1991</b> , 10, 83-91	13	57
123	The ATG5-binding and coiled coil domains of ATG16L1 maintain autophagy and tissue homeostasis in mice independently of the WD domain required for LC3-associated phagocytosis. <i>Autophagy</i> , <b>2019</b> , 15, 599-612	10.2	57
122	Differential activation of cytokine genes in normal CD4-bearing T cells is stimulus dependent. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 231-8	6.1	56
121	Evaluation of bacteriophage therapy to control <i>Clostridium difficile</i> and toxin production in an in vitro human colon model system. <i>Anaerobe</i> , <b>2013</b> , 22, 25-30	2.8	55
120	A polymerase chain reaction assay for the detection and quantitation of cytokine gene expression in small numbers of cells. <i>Journal of Immunological Methods</i> , <b>1992</b> , 151, 277-87	2.5	54

119	Fantastic voyage: the journey of intestinal microbiota-derived microvesicles through the body. <i>Biochemical Society Transactions</i> , <b>2018</b> , 46, 1021-1027	5.1	54
118	The generation of human gammadelta T cell repertoires during fetal development. <i>Journal of Immunology</i> , <b>1998</b> , 160, 5851-60	5.3	54
117	Gamma/delta T lymphocytes in viral infections. <i>Journal of Leukocyte Biology</i> , <b>1995</b> , 58, 277-83	6.5	52
116	Induction and maintenance of anergy in mature T cells. <i>Advances in Experimental Medicine and Biology</i> , <b>1991</b> , 292, 167-76	3.6	52
115	Nutrition, diet and immunosenescence. <i>Mechanisms of Ageing and Development</i> , <b>2014</b> , 136-137, 116-28	5.6	51
114	Primary murine small intestinal epithelial cells, maintained in long-term culture, are susceptible to rotavirus infection. <i>Journal of Virology</i> , <b>2000</b> , 74, 5597-603	6.6	49
113	A requirement for IL-2/IL-2 receptor signaling in intrathymic negative selection. <i>Journal of Immunology</i> , <b>2001</b> , 166, 5945-54	5.3	46
112	Bias in the gamma delta T cell response to <i>Listeria monocytogenes</i> . V delta 6.3+ cells are a major component of the gamma delta T cell response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , <b>1996</b> , 156, 4280-9	5.3	46
111	The interaction of gamma delta T cells with activated macrophages is a property of the V gamma 1 subset. <i>Journal of Immunology</i> , <b>2003</b> , 171, 6488-94	5.3	44
110	Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian beta-galactoside-binding lectin. <i>Biochemical and Biophysical Research Communications</i> , <b>1985</b> , 127, 680-6	3.4	44
109	Delineation of the function of a major gamma delta T cell subset during infection. <i>Journal of Immunology</i> , <b>2005</b> , 175, 1741-50	5.3	43
108	Generation of human gammadelta T-cell repertoires. <i>Critical Reviews in Immunology</i> , <b>1999</b> , 19, 431-60	1.8	43
107	Changes in human mucosal gamma delta T cell repertoire and function associated with the disease process in inflammatory bowel disease. <i>Molecular Medicine</i> , <b>1997</b> , 3, 183-203	6.2	42
106	The Uptake, Trafficking, and Biodistribution of Generated Outer Membrane Vesicles. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 57	5.7	40
105	Bacteriophage treatment significantly reduces viable <i>Clostridium difficile</i> and prevents toxin production in an in vitro model system. <i>Anaerobe</i> , <b>2010</b> , 16, 549-54	2.8	40
104	Evidence for the involvement of lung-specific gammadelta T cell subsets in local responses to <i>Streptococcus pneumoniae</i> infection. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3404-13	6.1	40
103	Bioengineering commensal bacteria-derived outer membrane vesicles for delivery of biologics to the gastrointestinal and respiratory tract. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1632100	16.4	39
102	Activation and negative selection of functionally distinct subsets of antibody-secreting cells by influenza hemagglutinin as a viral and a neo-self antigen. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 13-26	16.6	38

101	Mechanisms of intestinal epithelial cell injury and colitis in interleukin 2 (IL2)-deficient mice. <i>Cellular Immunology</i> , <b>1998</b> , 187, 52-66	4.4	37
100	Pulmonary dendritic cells and alveolar macrophages are regulated by gammadelta T cells during the resolution of <i>S. pneumoniae</i> -induced inflammation. <i>Journal of Pathology</i> , <b>2007</b> , 212, 29-37	9.4	37
99	Intestinal intraepithelial lymphocyte-enterocyte crosstalk regulates production of bactericidal angiogenin 4 by Paneth cells upon microbial challenge. <i>PLoS ONE</i> , <b>2013</b> , 8, e84553	3.7	36
98	Rapid dendritic cell mobilization to the large intestinal epithelium is associated with resistance to <i>Trichuris muris</i> infection. <i>Journal of Immunology</i> , <b>2009</b> , 182, 3055-62	5.3	36
97	Expression and function of TLR2, TLR4, and Nod2 in primary canine colonic epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , <b>2006</b> , 114, 313-9	2	36
96	Activation status of the CD4-8- gamma delta-T cells recovered from mice with influenza pneumonia. <i>Journal of Immunology</i> , <b>1991</b> , 147, 2069-74	5.3	36
95	Characterization of colonic dendritic cells in normal and colitic mice. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 6338-47	5.6	36
94	A requirement for the Vgamma1+ subset of peripheral gammadelta T cells in the control of the systemic growth of <i>Toxoplasma gondii</i> and infection-induced pathology. <i>Journal of Immunology</i> , <b>2005</b> , 175, 8191-9	5.3	34
93	Low avidity recognition of a class II-restricted neo-self peptide by virus-specific T cells. <i>International Immunology</i> , <b>1995</b> , 7, 935-45	4.9	34
92	Extent of gamma delta T cell involvement in the pneumonia caused by Sendai virus. <i>Cellular Immunology</i> , <b>1992</b> , 143, 183-93	4.4	34
91	Increased natural killer cell activity in patients with an abdominal aortic aneurysm. <i>British Journal of Surgery</i> , <b>2006</b> , 93, 46-54	5.3	31
90	Uptake and presentation of antigen to T cells by primary colonic epithelial cells in normal and diseased states. <i>Gastroenterology</i> , <b>2000</b> , 119, 1548-59	13.3	30
89	IT cells affect IL-4 production and B-cell tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E39-48	11.5	29
88	IT Cells Shape Preimmune Peripheral B Cell Populations. <i>Journal of Immunology</i> , <b>2016</b> , 196, 217-31	5.3	29
87	Colonic epithelial cell mediated suppression of CD4 T cell activation. <i>Gut</i> , <b>2004</b> , 53, 678-84	19.2	29
86	<i>Bacteroides thetaiotaomicron</i> -derived outer membrane vesicles promote regulatory dendritic cell responses in health but not in inflammatory bowel disease. <i>Microbiome</i> , <b>2020</b> , 8, 88	16.6	28
85	Analysis of the Small Molecule Content of Outer Membrane Vesicles Produced by Indicates an Extensive Metabolic Link between Microbe and Host. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2440	5.7	28
84	Modelling the spatio-temporal cell dynamics reveals novel insights on cell differentiation and proliferation in the small intestinal crypt. <i>PLoS ONE</i> , <b>2012</b> , 7, e37115	3.7	28

83	Susceptibility of interleukin-2-deficient mice to <i>Toxoplasma gondii</i> is associated with a defect in the production of gamma interferon. <i>Infection and Immunity</i> , <b>2002</b> , 70, 4757-61	3.7	28
82	Liver gamma delta T cells. TCR junctions reveal differences in heat shock protein-60-reactive cells in liver and spleen. <i>Journal of Immunology</i> , <b>1993</b> , 150, 4867-75	5.3	28
81	Regulated expression and structure of T cell receptor gamma/delta transcripts in human thymic ontogeny. <i>EMBO Journal</i> , <b>1991</b> , 10, 83-91	13	28
80	Noncanonical function of an autophagy protein prevents spontaneous Alzheimer's disease. <i>Science Advances</i> , <b>2020</b> , 6, eabb9036	14.3	28
79	Evidence for the opposing roles of different gamma delta T cell subsets in macrophage homeostasis. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 1729-38	6.1	27
78	Canine X-linked severe combined immunodeficiency. A model for investigating the requirement for the common gamma chain (gamma c) in human lymphocyte development and function. <i>Immunologic Research</i> , <b>1998</b> , 17, 63-73	4.3	26
77	Engineering of the gut commensal bacterium <i>Bacteroides ovatus</i> to produce and secrete biologically active murine interleukin-2 in response to xylan. <i>Journal of Applied Microbiology</i> , <b>2005</b> , 98, 1191-7	4.7	26
76	A Role for the Intestinal Microbiota and Virome in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)? <i>Journal of Clinical Medicine</i> , <b>2016</b> , 5,	5.1	26
75	Does the microbiome and virome contribute to myalgic encephalomyelitis/chronic fatigue syndrome?. <i>Clinical Science</i> , <b>2018</b> , 132, 523-542	6.5	25
74	T-cell-deficient mice show alterations in mucin expression, glycosylation, and goblet cells but maintain an intact mucus layer. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, G582-93	5.1	25
73	Defining the bacteroides ribosomal binding site. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 1980-88	4.8	25
72	Murine gammadelta T cells in infections: beneficial or deleterious?. <i>Microbes and Infection</i> , <b>2005</b> , 7, 529-36	3.3	23
71	Chemokine (C-C Motif) Receptor 2 Mediates Dendritic Cell Recruitment to the Human Colon but Is Not Responsible for Differences Observed in Dendritic Cell Subsets, Phenotype, and Function Between the Proximal and Distal Colon. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2016</b> , 2, 22-39.e5	7.9	22
70	Use of genetically modified bacteria for drug delivery in humans: Revisiting the safety aspect. <i>Scientific Reports</i> , <b>2017</b> , 7, 2294	4.9	22
69	An individual based computational model of intestinal crypt fission and its application to predicting unrestricted growth of the intestinal epithelium. <i>Integrative Biology (United Kingdom)</i> , <b>2015</b> , 7, 213-28	3.7	22
68	Deficient Resident Memory T Cell and CD8 T Cell Response to Commensals in Inflammatory Bowel Disease. <i>Journal of Crohns and Colitis</i> , <b>2020</b> , 14, 525-537	1.5	22
67	Characterization of gamma/delta T cell clones isolated from human fetal liver and thymus. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 1327-35	6.1	21
66	Abnormal Myelocytic Cell Development in Interleukin-2 (IL-2) Deficient Mice: Evidence for the Involvement of IL-2 in Myelopoiesis. <i>Blood</i> , <b>1998</b> , 91, 2935-2947	2.2	20

65	hsp65 mRNA+ macrophages and gamma delta T cells in influenza virus-infected mice depleted of the CD4+ and CD8+ lymphocyte subsets. <i>Microbial Pathogenesis</i> , <b>1993</b> , 14, 75-84	3.8	20
64	A role for the pattern recognition receptor Nod2 in promoting recruitment of CD103+ dendritic cells to the colon in response to <i>Trichuris muris</i> infection. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 1094-105	9.2	19
63	Production and characterization of monoclonal antibodies to beta-galactoside-binding lectin of bovine heart muscle. Direct evidence that haemagglutinating activity is associated with a 13kDa protein. <i>Biochemical Journal</i> , <b>1984</b> , 220, 253-60	3.8	19
62	Mechanisms and pathways of <i>Toxoplasma gondii</i> transepithelial migration. <i>Tissue Barriers</i> , <b>2017</b> , 5, e1271865	1.9	18
61	A holistic approach to healthy ageing: how can people live longer, healthier lives?. <i>Journal of Human Nutrition and Dietetics</i> , <b>2018</b> , 31, 439-450	3.1	18
60	Characterisation of fractalkine/CX3CL1 and fractalkine receptor (CX3CR1) expression in abdominal aortic aneurysm disease. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2008</b> , 36, 20-7	2.3	18
59	Heat-shock proteins and the gamma delta T cell response in virus infections: implications for autoimmunity. <i>Seminars in Immunopathology</i> , <b>1991</b> , 13, 11-24		18
58	Evidence for the involvement of NOD2 in regulating colonic epithelial cell growth and survival. <i>World Journal of Gastroenterology</i> , <b>2008</b> , 14, 5834-41	5.6	18
57	Use of bioengineered human commensal gut bacteria-derived microvesicles for mucosal plague vaccine delivery and immunization. <i>Clinical and Experimental Immunology</i> , <b>2019</b> , 196, 287-304	6.2	17
56	Human resident gut microbe regulates colonic neuronal innervation and neurogenic function. <i>Gut Microbes</i> , <b>2020</b> , 11, 1745-1757	8.8	17
55	In vivo administration of interleukin 1 elicits increased Ia antigen expression on B cells through the induction of interleukin 4. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 2205-10	6.1	17
54	Multiple proteins related to the soluble galactose-binding animal lectin revealed by a monoclonal anti-lectin antibody. <i>Biochemical Journal</i> , <b>1985</b> , 228, 147-53	3.8	17
53	Non-canonical autophagy functions of ATG16L1 in epithelial cells limit lethal infection by influenza A virus. <i>EMBO Journal</i> , <b>2021</b> , 40, e105543	13	17
52	Elucidating pathways of <i>Toxoplasma gondii</i> invasion in the gastrointestinal tract: involvement of the tight junction protein occludin. <i>Microbes and Infection</i> , <b>2015</b> , 17, 698-709	9.3	16
51	Identification and use of the putative <i>Bacteroides ovatus</i> xylanase promoter for the inducible production of recombinant human proteins. <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 3165-3174	2.9	16
50	Drug-microbiota interactions and treatment response: Relevance to rheumatoid arthritis. <i>AIMS Microbiology</i> , <b>2018</b> , 4, 642-654	4.5	16
49	The protozoan pathogen <i>Toxoplasma gondii</i> targets the paracellular pathway to invade the intestinal epithelium. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1258, 135-42	6.5	15
48	Molecular analysis of T cell receptor gamma gene expression in allo-activated splenic T cells of adult mice. <i>European Journal of Immunology</i> , <b>1988</b> , 18, 1907-15	6.1	15



47	Identification of novel gammadelta T-cell subsets following bacterial infection in the absence of Vgamma1+ T cells: homeostatic control of gammadelta T-cell responses to pathogen infection by Vgamma1+ T cells. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1097-105	3.7	14
46	Thymic stromal-cell abnormalities and dysregulated T-cell development in IL-2-deficient mice. <i>Autoimmunity</i> , <b>1998</b> , 5, 287-302		14
45	IL-4 (B cell stimulatory factor 1) exhibits thymocyte growth factor activity in the presence of IL-2. <i>Journal of Immunology</i> , <b>1988</b> , 140, 1519-26	5.3	14
44	Regulation of Enteroendocrine Cell Networks by the Major Human Gut Symbiont. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 575595	5.7	14
43	A hierarchical Bayesian model for understanding the spatiotemporal dynamics of the intestinal epithelium. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005688	5	13
42	Flavonoids from Engineered Tomatoes Inhibit Gut Barrier Pro-inflammatory Cytokines and Chemokines, SAPK/JNK and p38 MAPK Pathways. <i>Frontiers in Nutrition</i> , <b>2017</b> , 4, 61	6.2	13
41	A role for gamma/delta T cells in the primary immune response to influenza virus. <i>Research in Immunology</i> , <b>1990</b> , 141, 603-6		13
40	Regulatory network analysis of Paneth cell and goblet cell enriched gut organoids using transcriptomics approaches. <i>Molecular Omics</i> , <b>2020</b> , 16, 39-58	4.4	13
39	Integrative analysis of Paneth cell proteomic and transcriptomic data from intestinal organoids reveals functional processes dependent on autophagy. <i>DMM Disease Models and Mechanisms</i> , <b>2019</b> , 12,	4.1	12
38	Mechanisms of immune cell-mediated tissue injury in inflammatory bowel disease (Review). <i>International Journal of Molecular Medicine</i> , <b>1998</b> , 1, 315-32	4.4	12
37	A Novel Tightly Regulated Gene Expression System for the Human Intestinal Symbiont Bacteroides thetaiotaomicron. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1080	5.7	12
36	One-Year Consumption of a Mediterranean-Like Dietary Pattern With Vitamin D3 Supplements Induced Small Scale but Extensive Changes of Immune Cell Phenotype, Co-receptor Expression and Innate Immune Responses in Healthy Elderly Subjects: Results From the United Kingdom Arm of the NU-AGE Trial. <i>Frontiers in Immunology</i> , <b>2019</b> , 9, 2027	4.6	12
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34	gammadeltaT cell-mediated regulation of chemokine producing macrophages during Listeria monocytogenes infection-induced inflammation. <i>Journal of Pathology</i> , <b>2008</b> , 216, 262-70	9.4	10
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32	Regulation of cytokine signaling through direct interaction between cytokine receptors and the ATG16L1 WD40 domain. <i>Nature Communications</i> , <b>2020</b> , 11, 5919	17.4	9
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21	Extracellular vesicles released by the human gut symbiont <i>Bacteroides thetaiotaomicron</i> in the mouse intestine are enriched in a selected range of proteins that influence host cell physiology and metabolism <sup>2</sup>		2
20	Gamma delta T cells in asthma. <i>Annals of Internal Medicine</i> , <b>1996</b> , 124, 266-7	8	2
19	Microbiome-host systems interactions: Protective effects of propionate upon the blood-brain barrier		2
18	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in a complex disease		2
17	Thymic and extrathymic development of human gamma/delta T cells. <i>Current Topics in Microbiology and Immunology</i> , <b>1991</b> , 173, 57-63	3.3	2
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14	The importance of studying the human intestinal microbiome in its entirety: an interview with Simon Carding. <i>Future Microbiology</i> , <b>2019</b> , 14, 837-838	2.9	1
13	Production, Isolation, and Characterization of Bioengineered Bacterial Extracellular Membrane Vesicles Derived from <i>Bacteroides thetaiotaomicron</i> and Their Use in Vaccine Development. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2414, 171-190	1.4	1
12	The WD and linker domains of ATG16L1 required for non-canonical autophagy limit lethal respiratory infection by influenza A virus at epithelial surfaces		1

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9	The Role of Cytokines in Hematolymphoid Development <b>1998</b> , 149-175		1
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