

Simon Carding

List of Publications by Year in descending order

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171
papers

16,351
citations

23565

58
h-index

17104

122
g-index

182
all docs

182
docs citations

182
times ranked

23751
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Inflammatory bowel disease: cause and immunobiology. <i>Lancet</i> , The, 2007, 369, 1627-1640.	13.7	1,656
3	Dysbiosis of the gut microbiota in disease. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 26191.	3.5	949
4	Î³ T cells: functional plasticity and heterogeneity. <i>Nature Reviews Immunology</i> , 2002, 2, 336-345.	22.7	715
5	Roles of alphabeta and gammadelta T Cell Subsets in Viral Immunity. <i>Annual Review of Immunology</i> , 1992, 10, 123-151.	21.8	400
6	Microbiome-host systems interactions: protective effects of propionate upon the blood-brain barrier. <i>Microbiome</i> , 2018, 6, 55.	11.1	324
7	Gut microbes and metabolites as modulators of blood-brain barrier integrity and brain health. <i>Gut Microbes</i> , 2020, 11, 135-157.	9.8	320
8	CD4+ T Cells: Specificity and Function. <i>Immunological Reviews</i> , 1988, 101, 39-80.	6.0	279
9	The relationship of IL-4- and IFNÎ³-producing T cells studied by lineage ablation of IL-4-producing cells. <i>Cell</i> , 1993, 75, 985-995.	28.9	256
10	Interferon gamma inhibits apoptotic cell death in B cell chronic lymphocytic leukemia.. <i>Journal of Experimental Medicine</i> , 1993, 177, 213-218.	8.5	252
11	A monoclonal antibody to murine CD45R distinguishes CD4 T cell populations that produce different cytokines. <i>European Journal of Immunology</i> , 1989, 19, 617-623.	2.9	236
12	Late dominance of the inflammatory process in murine influenza by gamma/delta + T cells.. <i>Journal of Experimental Medicine</i> , 1990, 172, 1225-1231.	8.5	210
13	Review article: the human intestinal virome in health and disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 46, 800-815.	3.7	187
14	The WD 40 domain of ATG 16L1 is required for its non-canonical role in lipidation of LC 3 at single membranes. <i>EMBO Journal</i> , 2018, 37, .	7.8	187
15	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> , 1992, 89, 4348-4352.	7.1	169
16	Progesterone and Estradiol Modulate Interleukin-1 Messenger Ribonucleic Acid Levels in Cultured Human Peripheral Monocytes*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 69, 1200-1206.	3.6	164
17	Cytokines in T-cell development. <i>Trends in Immunology</i> , 1991, 12, 239-245.	7.5	160
18	Activation of cytokine genes in T cells during primary and secondary murine influenza pneumonia.. <i>Journal of Experimental Medicine</i> , 1993, 177, 475-482.	8.5	159

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19	Colonic Dendritic Cells, Intestinal Inflammation, and T Cell-Mediated Bone Destruction Are Modulated by Recombinant Osteoprotegerin. <i>Immunity</i> , 2003, 19, 849-861.	14.3	149
20	Lymphoid hyperplasia, autoimmunity, and compromised intestinal intraepithelial lymphocyte development in colitis-free gnotobiotic IL-2-deficient mice. <i>Journal of Immunology</i> , 1998, 160, 385-94.	0.8	132
21	Combating inflammaging through a Mediterranean whole diet approach: The NU-AGE project's conceptual framework and design. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 3-13.	4.6	131
22	Intraepithelial $\gamma\delta$ T Lymphocytes Maintain the Integrity of Intestinal Epithelial Tight Junctions in Response to Infection. <i>Gastroenterology</i> , 2006, 131, 818-829.	1.3	127
23	The gut virome: the "missing link" between gut bacteria and host immunity?. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481983662.	3.2	127
24	MHC control of CD4+ T cell subset activation.. <i>Journal of Experimental Medicine</i> , 1989, 170, 2135-2140.	8.5	120
25	Downmodulation of the Inflammatory Response to Bacterial Infection by $\gamma\delta$ T Cells Cytotoxic for Activated Macrophages. <i>Journal of Experimental Medicine</i> , 2000, 191, 2145-2158.	8.5	108
26	Mucosal vaccines and technology. <i>Clinical and Experimental Immunology</i> , 2019, 196, 205-214.	2.6	108
27	The Uptake, Trafficking, and Biodistribution of Bacteroides thetaiotaomicron Generated Outer Membrane Vesicles. <i>Frontiers in Microbiology</i> , 2020, 11, 57.	3.5	107
28	Fecal microbiota transfer between young and aged mice reverses hallmarks of the aging gut, eye, and brain. <i>Microbiome</i> , 2022, 10, 68.	11.1	107
29	Fantastic voyage: the journey of intestinal microbiota-derived microvesicles through the body. <i>Biochemical Society Transactions</i> , 2018, 46, 1021-1027.	3.4	103
30	Disease-specific changes in $\gamma\delta$ T cell repertoire and function in patients with pulmonary tuberculosis. <i>Journal of Immunology</i> , 1996, 157, 4222-9.	0.8	97
31	Characterization of gamma delta T lymphocytes at the maternal-fetal interface. <i>Journal of Immunology</i> , 1992, 149, 2872-8.	0.8	95
32	Crohn disease: A current perspective on genetics, autophagy and immunity. <i>Autophagy</i> , 2011, 7, 355-374.	9.1	94
33	Developmentally regulated fetal thymic and extrathymic T-cell receptor gamma delta gene expression.. <i>Genes and Development</i> , 1990, 4, 1304-1315.	5.9	93
34	Xylan-regulated delivery of human keratinocyte growth factor-2 to the inflamed colon by the human anaerobic commensal bacterium Bacteroides ovatus. <i>Gut</i> , 2010, 59, 461-469.	12.1	93
35	Cephalosporinases associated with outer membrane vesicles released by Bacteroides spp. protect gut pathogens and commensals against β -lactam antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 701-709.	3.0	93
36	A Bacterial Homolog of a Eukaryotic Inositol Phosphate Signaling Enzyme Mediates Cross-kingdom Dialog in the Mammalian Gut. <i>Cell Reports</i> , 2014, 6, 646-656.	6.4	88

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37	The importance of gd T cells in the resolution of pathogen-induced inflammatory immune responses. <i>Immunological Reviews</i> , 2000, 173, 98-108.	6.0	87
38	Changes in Human Mucosal $\gamma\delta$ T Cell Repertoire and Function Associated with the Disease Process in Inflammatory Bowel Disease. <i>Molecular Medicine</i> , 1997, 3, 183-203.	4.4	84
39	Diet, the intestinal microbiota, and immune health in aging. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 651-661.	10.3	84
40	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> , 1989, 86, 5527-5531.	7.1	83
41	Treatment of colitis with a commensal gut bacterium engineered to secrete human $\text{tgf-}\beta 1$ under the control of dietary xylan. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1925-1935.	1.9	83
42	Bioengineering commensal bacteria-derived outer membrane vesicles for delivery of biologics to the gastrointestinal and respiratory tract. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1632100.	12.2	79
43	Murine T Cell Determination of Pregnancy Outcome. <i>Cellular Immunology</i> , 1999, 196, 71-79.	3.0	78
44	Evaluation of bacteriophage therapy to control <i>Clostridium difficile</i> and toxin production in an <i>in vitro</i> human colon model system. <i>Anaerobe</i> , 2013, 22, 25-30.	2.1	78
45	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> , 1998, 161, 1558-67.	0.8	77
46	<i>Bacteroides thetaiotaomicron</i> -derived outer membrane vesicles promote regulatory dendritic cell responses in health but not in inflammatory bowel disease. <i>Microbiome</i> , 2020, 8, 88.	11.1	76
47	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> , 2004, 173, 3660-3667.	0.8	75
48	Abdominal aortic aneurysms: an autoimmune disease?. <i>Trends in Molecular Medicine</i> , 2008, 14, 522-529.	6.7	74
49	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> , 2019, 15, 599-612.	9.1	73
50	Regulated expression and structure of T cell receptor gamma/delta transcripts in human thymic ontogeny.. <i>EMBO Journal</i> , 1991, 10, 83-91.	7.8	70
51	A subset of IL-10-producing $\gamma\delta$ T cells protect the liver from <i>Listeria</i> -elicited, CD8 ⁺ T cell-mediated injury. <i>European Journal of Immunology</i> , 2008, 38, 2274-2283.	2.9	68
52	Gamma/delta T lymphocytes in viral Infections. <i>Journal of Leukocyte Biology</i> , 1995, 58, 277-283.	3.3	67
53	Functional characterization of T cells in abdominal aortic aneurysms. <i>Immunology</i> , 2005, 115, 262-270.	4.4	67
54	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> , 1989, 86, 3342-3345.	7.1	66

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55	Plasma Membrane Expression of Heat Shock Protein 60 In Vivo in Response to Infection. <i>Infection and Immunity</i> , 1999, 67, 4191-4200.	2.2	66
56	Regulation of blood-brain barrier integrity by microbiome-associated methylamines and cognition by trimethylamine N-oxide. <i>Microbiome</i> , 2021, 9, 235.	11.1	65
57	Nutrition, diet and immunosenescence. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 116-128.	4.6	64
58	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> , 1992, 151, 277-287.	1.4	63
59	Extrathymic origin of human gamma delta T cells during fetal development. <i>Journal of Immunology</i> , 1996, 157, 2873-82.	0.8	63
60	Noncanonical function of an autophagy protein prevents spontaneous Alzheimer's disease. <i>Science Advances</i> , 2020, 6, eabb9036.	10.3	62
61	Deficient Resident Memory T Cell and CD8 T Cell Response to Commensals in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 525-537.	1.3	60
62	Differential activation of cytokine genes in normal CD4-bearing T cells is stimulus dependent. <i>European Journal of Immunology</i> , 1989, 19, 231-238.	2.9	59
63	Primary Murine Small Intestinal Epithelial Cells, Maintained in Long-Term Culture, Are Susceptible to Rotavirus Infection. <i>Journal of Virology</i> , 2000, 74, 5597-5603.	3.4	58
64	Induction and Maintenance of Anergy in Mature T Cells. <i>Advances in Experimental Medicine and Biology</i> , 1991, 292, 167-176.	1.6	55
65	The generation of human gammadelta T cell repertoires during fetal development. <i>Journal of Immunology</i> , 1998, 160, 5851-60.	0.8	55
66	Intestinal Intraepithelial Lymphocyte-Enterocyte Crosstalk Regulates Production of Bactericidal Angiogenin 4 by Paneth Cells upon Microbial Challenge. <i>PLoS ONE</i> , 2013, 8, e84553.	2.5	54
67	Evidence for the involvement of lung-specific $\gamma\delta$ T cell subsets in local responses to <i>Streptococcus pneumoniae</i> infection. <i>European Journal of Immunology</i> , 2007, 37, 3404-3413.	2.9	51
68	Bacteriophage treatment significantly reduces viable <i>Clostridium difficile</i> and prevents toxin production in an in vitro model system. <i>Anaerobe</i> , 2010, 16, 549-554.	2.1	51
69	The Interaction of $\gamma\delta$ T Cells with Activated Macrophages Is a Property of the $V\delta 1$ Subset. <i>Journal of Immunology</i> , 2003, 171, 6488-6494.	0.8	49
70	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> , 1996, 183, 13-26.	8.5	48
71	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> , 1996, 156, 4280-9.	0.8	48
72	Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian β -galactoside-binding lectin. <i>Biochemical and Biophysical Research Communications</i> , 1985, 127, 680-686.	2.1	47

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73	A Requirement for IL-2/IL-2 Receptor Signaling in Intrathymic Negative Selection. <i>Journal of Immunology</i> , 2001, 166, 5945-5954.	0.8	46
74	Delineation of the Function of a Major $\gamma\delta$ T Cell Subset during Infection. <i>Journal of Immunology</i> , 2005, 175, 1741-1750.	0.8	46
75	Rapid Dendritic Cell Mobilization to the Large Intestinal Epithelium Is Associated with Resistance to <i>Trichuris muris</i> Infection. <i>Journal of Immunology</i> , 2009, 182, 3055-3062.	0.8	46
76	A Role for the Intestinal Microbiota and Virome in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)?. <i>Journal of Clinical Medicine</i> , 2016, 5, 55.	2.4	46
77	A Requirement for the $\gamma\delta$ 1+ Subset of Peripheral $\gamma\delta$ T Cells in the Control of the Systemic Growth of <i>Toxoplasma gondii</i> and Infection-Induced Pathology. <i>Journal of Immunology</i> , 2005, 175, 8191-8199.	0.8	45
78	$\gamma\delta$ T cells affect IL-4 production and B-cell tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E39-E48.	7.1	45
79	Human resident gut microbe <i>Bacteroides thetaiotaomicron</i> regulates colonic neuronal innervation and neurogenic function. <i>Gut Microbes</i> , 2020, 11, 1745-1757.	9.8	45
80	Colonic epithelial cell mediated suppression of CD4 T cell activation. <i>Gut</i> , 2004, 53, 678-684.	12.1	44
81	Changes in human mucosal gamma delta T cell repertoire and function associated with the disease process in inflammatory bowel disease. <i>Molecular Medicine</i> , 1997, 3, 183-203.	4.4	44
82	Generation of human gammadelta T-cell repertoires. <i>Critical Reviews in Immunology</i> , 1999, 19, 431-60.	0.5	44
83	Pulmonary dendritic cells and alveolar macrophages are regulated by $\gamma\delta$ T cells during the resolution of <i>S. pneumoniae</i> induced inflammation. <i>Journal of Pathology</i> , 2007, 212, 29-37.	4.5	43
84	In Silico Analysis of the Small Molecule Content of Outer Membrane Vesicles Produced by <i>Bacteroides thetaiotaomicron</i> Indicates an Extensive Metabolic Link between Microbe and Host. <i>Frontiers in Microbiology</i> , 2017, 8, 2440.	3.5	42
85	Mechanisms of Intestinal Epithelial Cell Injury and Colitis in Interleukin 2 (IL2)-Deficient Mice. <i>Cellular Immunology</i> , 1998, 187, 52-66.	3.0	41
86	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> , 2005, 98, 1191-1197.	3.1	41
87	Increased natural killer cell activity in patients with an abdominal aortic aneurysm. <i>British Journal of Surgery</i> , 2005, 93, 46-54.	0.3	41
88	Expression and function of TLR2, TLR4, and Nod2 in primary canine colonic epithelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2006, 114, 313-319.	1.2	41
89	$\gamma\delta$ T Cells Shape Preimmune Peripheral B Cell Populations. <i>Journal of Immunology</i> , 2016, 196, 217-231.	0.8	41
90	Uptake and presentation of antigen to T cells by primary colonic epithelial cells in normal and diseased states. <i>Gastroenterology</i> , 2000, 119, 1548-1559.	1.3	40

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91	Activation status of the CD4-8- gamma delta-T cells recovered from mice with influenza pneumonia. <i>Journal of Immunology</i> , 1991, 147, 2069-74.	0.8	39
92	Does the microbiome and virome contribute to myalgic encephalomyelitis/chronic fatigue syndrome?. <i>Clinical Science</i> , 2018, 132, 523-542.	4.3	38
93	Extent of $\hat{\gamma}\hat{\delta}$ T cell involvement in the pneumonia caused by sendai virus. <i>Cellular Immunology</i> , 1992, 143, 183-193.	3.0	37
94	hsp65 mRNA+ macrophages and $\hat{\gamma}\hat{\delta}$ T cells in influenza virus-infected mice depleted of the CD4+ and CD8+ lymphocyte subsets. <i>Microbial Pathogenesis</i> , 1993, 14, 75-84.	2.9	37
95	Defining the Bacteroides Ribosomal Binding Site. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1980-1989.	3.1	37
96	Mechanisms and pathways of <i>Toxoplasma gondii</i> transepithelial migration. <i>Tissue Barriers</i> , 2017, 5, e1273865.	3.2	37
97	Characterization of colonic dendritic cells in normal and colitic mice. <i>World Journal of Gastroenterology</i> , 2005, 11, 6338.	3.3	37
98	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> , 2002, 70, 4757-4761.	2.2	36
99	Non-canonical autophagy functions of ATG16L1 in epithelial cells limit lethal infection by influenza A virus. <i>EMBO Journal</i> , 2021, 40, e105543.	7.8	36
100	Low avidity recognition of a class II-restricted neo-self peptide by virus-specific T cells. <i>International Immunology</i> , 1995, 7, 935-945.	4.0	35
101	Use of genetically modified bacteria for drug delivery in humans: Revisiting the safety aspect. <i>Scientific Reports</i> , 2017, 7, 2294.	3.3	35
102	Modelling the Spatio-Temporal Cell Dynamics Reveals Novel Insights on Cell Differentiation and Proliferation in the Small Intestinal Crypt. <i>PLoS ONE</i> , 2012, 7, e37115.	2.5	33
103	An individual based computational model of intestinal crypt fission and its application to predicting unrestrictive growth of the intestinal epithelium. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 213-228.	1.3	33
104	A holistic approach to healthy ageing: how can people live longer, healthier lives?. <i>Journal of Human Nutrition and Dietetics</i> , 2018, 31, 439-450.	2.5	33
105	Extracellular vesicles produced by the human commensal gut bacterium <i>Bacteroides thetaiotaomicron</i> affect host immune pathways in a cell-type specific manner that are altered in inflammatory bowel disease. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12189.	12.2	33
106	Regulatory network analysis of Paneth cell and goblet cell enriched gut organoids using transcriptomics approaches. <i>Molecular Omics</i> , 2020, 16, 39-58.	2.8	31
107	Evidence for the opposing roles of different $\hat{\gamma}\hat{\delta}$ T cell subsets in macrophage homeostasis. <i>European Journal of Immunology</i> , 2006, 36, 1729-1738.	2.9	29
108	Use of bioengineered human commensal gut bacteria-derived microvesicles for mucosal plague vaccine delivery and immunization. <i>Clinical and Experimental Immunology</i> , 2019, 196, 287-304.	2.6	29

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109	Regulated expression and structure of T cell receptor gamma/delta transcripts in human thymic ontogeny. <i>EMBO Journal</i> , 1991, 10, 83-91.	7.8	29
110	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> , 1993, 150, 4867-75.	0.8	29
111	$\hat{\imath}^3\hat{\imath}^7$ 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> , 2014, 306, G582-G593.	3.4	27
112	Elucidating pathways of <i>Toxoplasma gondii</i> invasion in the gastrointestinal tract: involvement of the tight junction protein occludin. <i>Microbes and Infection</i> , 2015, 17, 698-709.	1.9	27
113	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> , 2016, 2, 22-39.e5.	4.5	27
114	Regulation of Enteroendocrine Cell Networks by the Major Human Gut Symbiont <i>Bacteroides thetaiotaomicron</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 575595.	3.5	27
115	Canine X-linked severe combined immunodeficiency. <i>Immunologic Research</i> , 1998, 17, 63-73.	2.9	26
116	Drug-microbiota interactions and treatment response: Relevance to rheumatoid arthritis. <i>AIMS Microbiology</i> , 2018, 4, 642-654.	2.2	26
117	Heat-shock proteins and the $\gamma\gamma$ T cell response in virus infections: Implications for autoimmunity. <i>Seminars in Immunopathology</i> , 1991, 13, 11-24.	4.0	25
118	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> , 2014, 7, 1094-1105.	6.0	25
119	Characterization of $\hat{\imath}^3\hat{\imath}^7$ T cell clones isolated from human fetal liver and thymus. <i>European Journal of Immunology</i> , 1990, 20, 1327-1335.	2.9	23
120	Abnormal Myelocytic Cell Development in Interleukin-2 (IL-2) Deficient Mice: Evidence for the Involvement of IL-2 in Myelopoiesis. <i>Blood</i> , 1998, 91, 2935-2947.	1.4	23
121	Murine $\hat{\imath}^3\hat{\imath}^7$ T cells in infections: beneficial or deleterious?. <i>Microbes and Infection</i> , 2005, 7, 529-536.	1.9	23
122	Characterisation of Fractalkine/CX3CL1 and Fractalkine Receptor (CX3CR1) Expression in Abdominal Aortic Aneurysm Disease. <i>European Journal of Vascular and Endovascular Surgery</i> , 2008, 36, 20-27.	1.5	21
123	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> , 2012, 1258, 135-142.	3.8	21
124	Flavonoids from Engineered Tomatoes Inhibit Gut Barrier Pro-inflammatory Cytokines and Chemokines, via SAPK/JNK and p38 MAPK Pathways. <i>Frontiers in Nutrition</i> , 2017, 4, 61.	3.7	21
125	A hierarchical Bayesian model for understanding the spatiotemporal dynamics of the intestinal epithelium. <i>PLoS Computational Biology</i> , 2017, 13, e1005688.	3.2	21
126	Preterm Infants Harbour a Rapidly Changing Mycobiota That Includes <i>Candida</i> Pathobionts. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 273.	3.5	21

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127	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> , 2008, 154, 3165-3174.	1.8	20
128	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> , 2019, 12, .	2.4	20
129	Evidence for the involvement of NOD2 in regulating colonic epithelial cell growth and survival. <i>World Journal of Gastroenterology</i> , 2008, 14, 5834.	3.3	20
130	Production and characterization of monoclonal antibodies to β -galactoside-binding lectin of bovine heart muscle. Direct evidence that haemagglutinating activity is associated with a 13kDa protein. <i>Biochemical Journal</i> , 1984, 220, 253-260.	3.7	19
131	Age-Associated Decline in Dendritic Cell Function and the Impact of Mediterranean Diet Intervention in Elderly Subjects. <i>Frontiers in Nutrition</i> , 2017, 4, 65.	3.7	19
132	Multiple proteins related to the soluble galactose-binding animal lectin revealed by a monoclonal anti-lectin antibody. <i>Biochemical Journal</i> , 1985, 228, 147-153.	3.7	18
133	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> , 1989, 19, 2205-2210.	2.9	18
134	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 Physiology</i> , 2018, 9, 997.	2.8	17
135	The Origin of Plasma-Derived Bacterial Extracellular Vesicles in Healthy Individuals and Patients with Inflammatory Bowel Disease: A Pilot Study. <i>Genes</i> , 2021, 12, 1636.	2.4	17
136	Thymic Stromal-Cell Abnormalities and Dysregulated T-Cell Development in IL-2-Deficient Mice. <i>Autoimmunity</i> , 1998, 5, 287-302.	0.6	16
137	A Novel Tightly Regulated Gene Expression System for the Human Intestinal Symbiont <i>Bacteroides thetaiotaomicron</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1080.	3.5	16
138	Molecular analysis of T cell receptor gamma gene expression in allo-activated splenic T cells of adult mice. <i>European Journal of Immunology</i> , 1988, 18, 1907-1915.	2.9	15
139	A role for β γ T cells in the primary immune response to influenza virus. <i>Research in Immunology</i> , 1990, 141, 603-606.	0.9	15
140	Identification of Novel β γ T-Cell Subsets following Bacterial Infection in the Absence of β γ ⁺ T Cells: Homeostatic Control of β γ T-Cell Responses to Pathogen Infection by β γ ⁺ T Cells. <i>Infection and Immunity</i> , 2006, 74, 1097-1105.	2.2	15
141	Mechanisms of immune cell-mediated tissue injury in inflammatory bowel disease (Review).. <i>International Journal of Molecular Medicine</i> , 1998, 1, 315-32.	4.0	14
142	IL-4 (B cell stimulatory factor 1) exhibits thymocyte growth factor activity in the presence of IL-2. <i>Journal of Immunology</i> , 1988, 140, 1519-26.	0.8	14
143	Analyzing the distribution of cells expressing mRNA for T cell receptor β and γ chains in a virus-induced inflammatory process. <i>Cellular Immunology</i> , 1992, 143, 55-65.	3.0	12
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