

Hiroshi Ohno

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235
papers

23,347
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247
ext. papers

27,639
ext. citations

9.2
avg, IF

6.4
L-index

#	Paper	IF	Citations
235	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013 , 504, 446-50	50.4	2810
234	Treg induction by a rationally selected mixture of Clostridia strains from the human microbiota. <i>Nature</i> , 2013 , 500, 232-6	50.4	1795
233	An atlas of active enhancers across human cell types and tissues. <i>Nature</i> , 2014 , 507, 455-461	50.4	1595
232	Bifidobacteria can protect from enteropathogenic infection through production of acetate. <i>Nature</i> , 2011 , 469, 543-7	50.4	1423
231	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
230	Interaction of tyrosine-based sorting signals with clathrin-associated proteins. <i>Science</i> , 1995 , 269, 1872-5	33.3	829
229	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. <i>Cell</i> , 2015 , 163, 367-80	56.2	612
228	A novel clathrin adaptor complex mediates basolateral targeting in polarized epithelial cells. <i>Cell</i> , 1999 , 99, 189-98	56.2	444
227	Uptake through glycoprotein 2 of FimH(+) bacteria by M cells initiates mucosal immune response. <i>Nature</i> , 2009 , 462, 226-30	50.4	443
226	Microfold (M) cells: important immunosurveillance posts in the intestinal epithelium. <i>Mucosal Immunology</i> , 2013 , 6, 666-77	9.2	395
225	AP-3: an adaptor-like protein complex with ubiquitous expression. <i>EMBO Journal</i> , 1997 , 16, 917-28	13	323
224	Tyrosine phosphorylation controls internalization of CTLA-4 by regulating its interaction with clathrin-associated adaptor complex AP-2. <i>Immunity</i> , 1997 , 6, 583-9	32.3	295
223	Protein sorting by tyrosine-based signals: adapting to the Ys and wherefores. <i>Trends in Cell Biology</i> , 1997 , 7, 124-8	18.3	294
222	Protein targeting by tyrosine- and di-leucine-based signals: evidence for distinct saturable components. <i>Journal of Cell Biology</i> , 1996 , 135, 341-54	7.3	282
221	Two distinct pathways of specific killing revealed by perforin mutant cytotoxic T lymphocytes. <i>Immunity</i> , 1994 , 1, 357-64	32.3	278
220	Structural determinants of interaction of tyrosine-based sorting signals with the adaptor medium chains. <i>Journal of Biological Chemistry</i> , 1996 , 271, 29009-15	5.4	235
219	M-Sec promotes membrane nanotube formation by interacting with Ral and the exocyst complex. <i>Nature Cell Biology</i> , 2009 , 11, 1427-32	23.4	227

218	Comparative genome analysis of <i>Lactobacillus reuteri</i> and <i>Lactobacillus fermentum</i> reveal a genomic island for reuterin and cobalamin production. <i>DNA Research</i> , 2008 , 15, 151-61	4.5	215
217	Mu1B, a novel adaptor medium chain expressed in polarized epithelial cells. <i>FEBS Letters</i> , 1999 , 449, 215-20	3.8	211
216	Resistance of Fc receptor- deficient mice to fatal glomerulonephritis. <i>Journal of Clinical Investigation</i> , 1998 , 102, 1229-38	15.9	207
215	Cytoplasmic tail-dependent internalization of membrane-type 1 matrix metalloproteinase is important for its invasion-promoting activity. <i>Journal of Cell Biology</i> , 2001 , 155, 1345-56	7.3	204
214	ADAMTS-1 cleaves a cartilage proteoglycan, aggrecan. <i>FEBS Letters</i> , 2000 , 478, 241-5	3.8	203
213	The medium subunits of adaptor complexes recognize distinct but overlapping sets of tyrosine-based sorting signals. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25915-21	5.4	202
212	Robustness of gut microbiota of healthy adults in response to probiotic intervention revealed by high-throughput pyrosequencing. <i>DNA Research</i> , 2013 , 20, 241-53	4.5	200
211	Oral Administration of <i>P. gingivalis</i> Induces Dysbiosis of Gut Microbiota and Impaired Barrier Function Leading to Dissemination of Enterobacteria to the Liver. <i>PLoS ONE</i> , 2015 , 10, e0134234	3.7	170
210	Identity of the elusive IgM Fc receptor (FcmuR) in humans. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2779-93	16.6	163
209	Interaction of endocytic signals from the HIV-1 envelope glycoprotein complex with members of the adaptor medium chain family. <i>Virology</i> , 1997 , 238, 305-15	3.6	154
208	Adaptor protein complexes as the key regulators of protein sorting in the post-Golgi network. <i>Cell Structure and Function</i> , 2003 , 28, 419-29	2.2	154
207	The Ets transcription factor Spi-B is essential for the differentiation of intestinal microfold cells. <i>Nature Immunology</i> , 2012 , 13, 729-36	19.1	147
206	Comprehensive gene expression profiling of Peyer's patch M cells, villous M-like cells, and intestinal epithelial cells. <i>Journal of Immunology</i> , 2008 , 180, 7840-6	5.3	139
205	Association with FcRgamma is essential for activation signal through NKR-P1 (CD161) in natural killer (NK) cells and NK1.1+ T cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1957-63	16.6	134
204	Acetate-producing bifidobacteria protect the host from enteropathogenic infection via carbohydrate transporters. <i>Gut Microbes</i> , 2012 , 3, 449-54	8.8	128
203	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014 , 15, 571-9	19.1	125
202	AP-1 and KIF13A coordinate endosomal sorting and positioning during melanosome biogenesis. <i>Journal of Cell Biology</i> , 2009 , 187, 247-64	7.3	125
201	Alternative splicing regulates the subcellular localization of divalent metal transporter 1 isoforms. <i>Molecular Biology of the Cell</i> , 2002 , 13, 4371-87	3.5	114

200	Antinociception induced in rats by intrathecal administration of antiserum against calcitonin gene-related peptide. <i>Neuroscience Letters</i> , 1988 , 92, 325-9	3.3	113
199	Regulation of cell surface expression of CTLA-4 by secretion of CTLA-4-containing lysosomes upon activation of CD4+ T cells. <i>Journal of Immunology</i> , 2000 , 165, 5062-8	5.3	111
198	Mast Cells Are Crucial for Induction of Group 2 Innate Lymphoid Cells and Clearance of Helminth Infections. <i>Immunity</i> , 2017 , 46, 863-874.e4	32.3	110
197	Intestinal M cells. <i>Journal of Biochemistry</i> , 2016 , 159, 151-60	3.1	109
196	Signal-binding specificity of the mu4 subunit of the adaptor protein complex AP-4. <i>Journal of Biological Chemistry</i> , 2001 , 276, 13145-52	5.4	105
195	Cell surface expression of calnexin, a molecular chaperone in the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 2000 , 275, 35751-8	5.4	105
194	Clathrin adaptor AP-2 is essential for early embryonal development. <i>Molecular and Cellular Biology</i> , 2005 , 25, 9318-23	4.8	104
193	Calcitonin gene-related peptide increases in the dorsal root ganglia of adjuvant arthritic rat. <i>Peptides</i> , 1989 , 10, 447-52	3.8	103
192	Aggravation of collagen-induced arthritis by orally administered Porphyromonas gingivalis through modulation of the gut microbiota and gut immune system. <i>Scientific Reports</i> , 2017 , 7, 6955	4.9	102
191	Dependence of T cell antigen recognition on the dimensions of an accessory receptor-ligand complex. <i>Journal of Experimental Medicine</i> , 1999 , 190, 31-41	16.6	101
190	Gut microbiome and metabolic diseases. <i>Seminars in Immunopathology</i> , 2014 , 36, 103-14	12	98
189	High-affinity monoclonal IgA regulates gut microbiota and prevents colitis in mice. <i>Nature Microbiology</i> , 2016 , 1, 16103	26.6	96
188	Complete genome sequences of rat and mouse segmented filamentous bacteria, a potent inducer of th17 cell differentiation. <i>Cell Host and Microbe</i> , 2011 , 10, 273-84	23.4	96
187	Identification of TOSO/FAIM3 as an Fc receptor for IgM. <i>International Immunology</i> , 2010 , 22, 149-56	4.9	96
186	Probiotic Bifidobacterium longum alters gut luminal metabolism through modification of the gut microbial community. <i>Scientific Reports</i> , 2015 , 5, 13548	4.9	95
185	Essential role of S-adenosylmethionine decarboxylase in mouse embryonic development. <i>Genes To Cells</i> , 2002 , 7, 41-7	2.3	93
184	Critical role of the IgM Fc receptor in IgM homeostasis, B-cell survival, and humoral immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2699-706	11.5	89
183	Defective function of GABA-containing synaptic vesicles in mice lacking the AP-3B clathrin adaptor. <i>Journal of Cell Biology</i> , 2004 , 167, 293-302	7.3	89

182	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
181	Microbiota-derived lactate accelerates colon epithelial cell turnover in starvation-refed mice. <i>Nature Communications</i> , 2013 , 4, 1654	17.4	86
180	Differential roles of epigenetic changes and Foxp3 expression in regulatory T cell-specific transcriptional regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5289-94	11.5	85
179	LST1 promotes the assembly of a molecular machinery responsible for tunneling nanotube formation. <i>Journal of Cell Science</i> , 2013 , 126, 767-77	5.3	83
178	Mechanism of NKT cell activation by intranasal coadministration of alpha-galactosylceramide, which can induce cross-protection against influenza viruses. <i>Mucosal Immunology</i> , 2008 , 1, 208-18	9.2	83
177	Functional domain mapping of the clathrin-associated adaptor medium chains mu1 and mu2. <i>Journal of Biological Chemistry</i> , 1997 , 272, 27160-6	5.4	80
176	Cytotoxic T lymphocyte antigen 4 (CTLA-4) engagement delivers an inhibitory signal through the membrane-proximal region in the absence of the tyrosine motif in the cytoplasmic tail. <i>Journal of Experimental Medicine</i> , 1999 , 190, 765-74	16.6	80
175	M cell-depletion blocks oral prion disease pathogenesis. <i>Mucosal Immunology</i> , 2012 , 5, 216-25	9.2	75
174	The membrane-bound chemokine CXCL16 expressed on follicle-associated epithelium and M cells mediates lympho-epithelial interaction in GALT. <i>Journal of Immunology</i> , 2006 , 176, 43-51	5.3	75
173	The neuronal form of adaptor protein-3 is required for synaptic vesicle formation from endosomes. <i>Journal of Neuroscience</i> , 2001 , 21, 8034-42	6.6	73
172	Distinct gene expression profiles characterize cellular phenotypes of follicle-associated epithelium and M cells. <i>DNA Research</i> , 2005 , 12, 127-37	4.5	72
171	Rapid turnover of the CD3 zeta chain independent of the TCR-CD3 complex in normal T cells. <i>Immunity</i> , 1995 , 2, 639-44	32.3	71
170	Potential Role of the Formation of Tunneling Nanotubes in HIV-1 Spread in Macrophages. <i>Journal of Immunology</i> , 2016 , 196, 1832-41	5.3	69
169	A Di-leucine signal in the ubiquitin moiety. Possible involvement in ubiquitination-mediated endocytosis. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26213-9	5.4	68
168	Construction of an open-access database that integrates cross-reference information from the transcriptome and proteome of immune cells. <i>Bioinformatics</i> , 2007 , 23, 2934-41	7.2	67
167	Differential recognition of tyrosine-based basolateral signals by AP-1B subunit mu1B in polarized epithelial cells. <i>Molecular Biology of the Cell</i> , 2002 , 13, 2374-82	3.5	66
166	Cutting Edge: <i>Brucella abortus</i> exploits a cellular prion protein on intestinal M cells as an invasive receptor. <i>Journal of Immunology</i> , 2012 , 189, 1540-4	5.3	65
165	The functional maturation of M cells is dramatically reduced in the Peyer's patches of aged mice. <i>Mucosal Immunology</i> , 2013 , 6, 1027-37	9.2	63

164	Multiple omics uncovers host-gut microbial mutualism during prebiotic fructooligosaccharide supplementation. <i>DNA Research</i> , 2014 , 21, 469-80	4.5	62
163	Gut microorganisms act together to exacerbate inflammation in spinal cords. <i>Nature</i> , 2020 , 585, 102-106	50.4	62
162	Capsaicin-induced release of calcitonin gene-related peptide from dorsal horn slices is enhanced in adjuvant arthritic rats. <i>Neuroscience Research</i> , 1989 , 6, 569-72	2.9	61
161	Maternal High Fiber Diet during Pregnancy and Lactation Influences Regulatory T Cell Differentiation in Offspring in Mice. <i>Journal of Immunology</i> , 2017 , 199, 3516-3524	5.3	59
160	Glycoprotein 2 (GP2): grabbing the FimH bacteria into M cells for mucosal immunity. <i>Gut Microbes</i> , 2010 , 1, 407-10	8.8	58
159	Preferential usage of the Fc receptor gamma chain in the T cell antigen receptor complex by gamma/delta T cells localized in epithelia. <i>Journal of Experimental Medicine</i> , 1994 , 179, 365-9	16.6	57
158	Botulinum toxin A complex exploits intestinal M cells to enter the host and exert neurotoxicity. <i>Nature Communications</i> , 2015 , 6, 6255	17.4	56
157	A novel mucosal vaccine targeting Peyer's patch M cells induces protective antigen-specific IgA responses. <i>International Immunology</i> , 2014 , 26, 619-25	4.9	56
156	Developmental arrest of NK1.1+ T cell antigen receptor (TCR)-alpha/beta+ T cells and expansion of NK1.1+ TCR-gamma/delta+ T cell development in CD3 zeta-deficient mice. <i>Journal of Experimental Medicine</i> , 1995 , 182, 891-5	16.6	56
155	Altered Ig levels and antibody responses in mice deficient for the Fc receptor for IgM (FcR). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15882-7	11.5	55
154	Oral Administration of Porphyromonas gingivalis Alters the Gut Microbiome and Serum Metabolome. <i>MSphere</i> , 2018 , 3,	5	55
153	Rats harboring S284L Chrna4 mutation show attenuation of synaptic and extrasynaptic GABAergic transmission and exhibit the nocturnal frontal lobe epilepsy phenotype. <i>Journal of Neuroscience</i> , 2008 , 28, 12465-76	6.6	53
152	Epithelial cell-intrinsic Notch signaling plays an essential role in the maintenance of gut immune homeostasis. <i>Journal of Immunology</i> , 2012 , 188, 2427-36	5.3	51
151	Blockade by ferrous iron of Ca ²⁺ influx through N-methyl-D-aspartate receptor channels in immature cultured rat cortical neurons. <i>Journal of Neurochemistry</i> , 2002 , 83, 1-11	6	51
150	Evaluation and characterization of bacterial metabolic dynamics with a novel profiling technique, real-time metabolotyping. <i>PLoS ONE</i> , 2009 , 4, e4893	3.7	51
149	New approach for m-cell-specific molecules screening by comprehensive transcriptome analysis. <i>DNA Research</i> , 2009 , 16, 227-35	4.5	50
148	The epithelia-specific membrane trafficking factor AP-1B controls gut immune homeostasis in mice. <i>Gastroenterology</i> , 2011 , 141, 621-32	13.3	49
147	Clathrin-associated adaptor protein complexes. <i>Journal of Cell Science</i> , 2006 , 119, 3719-21	5.3	49

146	Visualization of the entire differentiation process of murine M cells: suppression of their maturation in cecal patches. <i>Mucosal Immunology</i> , 2015 , 8, 650-60	9.2	48
145	Activation-induced cytidine deaminase deficiency causes organ-specific autoimmune disease. <i>PLoS ONE</i> , 2008 , 3, e3033	3.7	48
144	Bifidobacterium longum alleviates dextran sulfate sodium-induced colitis by suppressing IL-17A response: involvement of intestinal epithelial costimulatory molecules. <i>PLoS ONE</i> , 2013 , 8, e79735	3.7	47
143	Bacteria-Induced Group 2 Innate Lymphoid Cells in the Stomach Provide Immune Protection through Induction of IgA. <i>Immunity</i> , 2020 , 52, 635-649.e4	32.3	46
142	Tunneling nanotubes: emerging view of their molecular components and formation mechanisms. <i>Experimental Cell Research</i> , 2012 , 318, 1699-706	4.2	46
141	The molecular basis of induction and formation of tunneling nanotubes. <i>Cell and Tissue Research</i> , 2013 , 352, 67-76	4.2	46
140	Development of intestinal M cells and follicle-associated epithelium is regulated by TRAF6-mediated NF- κ B signaling. <i>Journal of Experimental Medicine</i> , 2018 , 215, 501-519	16.6	43
139	AP-1B-mediated protein sorting regulates polarity and proliferation of intestinal epithelial cells in mice. <i>Gastroenterology</i> , 2013 , 145, 625-35	13.3	43
138	Dynamic omics approach identifies nutrition-mediated microbial interactions. <i>Journal of Proteome Research</i> , 2011 , 10, 824-36	5.6	43
137	CCR6hiCD11c(int) B cells promote M-cell differentiation in Peyer's patch. <i>International Immunology</i> , 2011 , 23, 261-9	4.9	43
136	Dynamics of Golgi matrix proteins after the blockage of ER to Golgi transport. <i>Journal of Biochemistry</i> , 2004 , 135, 201-16	3.1	43
135	Plasmodium berghei ANKA causes intestinal malaria associated with dysbiosis. <i>Scientific Reports</i> , 2015 , 5, 15699	4.9	40
134	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , 2016 , 11, e0157580	3.7	40
133	Physiological roles of clathrin adaptor AP complexes: lessons from mutant animals. <i>Journal of Biochemistry</i> , 2006 , 139, 943-8	3.1	39
132	Neuronal leucine-rich repeat protein-3 amplifies MAPK activation by epidermal growth factor through a carboxyl-terminal region containing endocytosis motifs. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43549-52	5.4	39
131	IL-22BP dictates characteristics of Peyer's patch follicle-associated epithelium for antigen uptake. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1607-1618	16.6	37
130	New monitoring approach for metabolic dynamics in microbial ecosystems using stable-isotope-labeling technologies. <i>Journal of Bioscience and Bioengineering</i> , 2010 , 110, 87-93	3.3	37
129	Ceruloplasmin is a novel adipokine which is overexpressed in adipose tissue of obese subjects and in obesity-associated cancer cells. <i>PLoS ONE</i> , 2014 , 9, e80274	3.7	36

128	Direct targeting of cis-Golgi matrix proteins to the Golgi apparatus. <i>Journal of Cell Science</i> , 2001 , 114, 4105-4115	5.3	36
127	Intestinal IgA as a modulator of the gut microbiota. <i>Gut Microbes</i> , 2017 , 8, 486-492	8.8	35
126	M-Sec: Emerging secrets of tunneling nanotube formation. <i>Communicative and Integrative Biology</i> , 2010 , 3, 231-3	1.7	35
125	The Role of the Clathrin Adaptor AP-1: Polarized Sorting and Beyond. <i>Membranes</i> , 2014 , 4, 747-63	3.8	34
124	Lactobacillus fermentum FTDC 8312 combats hypercholesterolemia via alteration of gut microbiota. <i>Journal of Biotechnology</i> , 2017 , 262, 75-83	3.7	33
123	The statistical geometry of transcriptome divergence in cell-type evolution and cancer. <i>Nature Communications</i> , 2015 , 6, 6066	17.4	33
122	Innate Lymphoid Cells in the Induction of Obesity. <i>Cell Reports</i> , 2019 , 28, 202-217.e7	10.6	32
121	Basolateral sorting of human poliovirus receptor alpha involves an interaction with the mu1B subunit of the clathrin adaptor complex in polarized epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 287, 941-8	3.4	31
120	Somatostatin is increased in the dorsal root ganglia of adjuvant-inflamed rat. <i>Neuroscience Research</i> , 1990 , 8, 179-88	2.9	30
119	In vitro evaluation method for screening of candidate prebiotic foods. <i>Food Chemistry</i> , 2014 , 152, 251-608.5	3.5	29
118	Ligature-induced periodontitis in mice induces elevated levels of circulating interleukin-6 but shows only weak effects on adipose and liver tissues. <i>Journal of Periodontal Research</i> , 2016 , 51, 639-46	4.3	29
117	CD8 regulatory T cells are critical in prevention of autoimmune-mediated diabetes. <i>Nature Communications</i> , 2020 , 11, 1922	17.4	29
116	Selective peroxisome proliferator-activated receptor- γ modulator K-877 efficiently activates the peroxisome proliferator-activated receptor- γ pathway and improves lipid metabolism in mice. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 446-452	3.9	28
115	The Peroxisome Proliferator-Activated Receptor γ Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
114	CD300 antigen like family member G: A novel Ig receptor like protein exclusively expressed on capillary endothelium. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 183-91	3.4	28
113	Identification of a five-pass transmembrane protein family localizing in the Golgi apparatus and the ER. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 312, 850-7	3.4	28
112	Distinct Roles for the N- and C-terminal Regions of M-Sec in Plasma Membrane Deformation during Tunneling Nanotube Formation. <i>Scientific Reports</i> , 2016 , 6, 33548	4.9	28
111	CMRF-35-like molecule-5 constitutes novel paired receptors, with CMRF-35-like molecule-1, to transduce activation signal upon association with Fc γ R. <i>International Immunology</i> , 2006 , 18, 1499-508	4.9	27

110	Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. <i>Nature Microbiology</i> , 2020 , 5, 181-191	26.6	27
109	Dual mechanisms of Ca(2+) increases elicited by N-methyl-D-aspartate in immature and mature cultured cortical neurons. <i>Journal of Neuroscience Research</i> , 2002 , 67, 275-83	4.4	26
108	TCR isoform containing the Fc receptor gamma chain exhibits structural and functional differences from isoform containing CD3 zeta. <i>International Immunology</i> , 1993 , 5, 1403-11	4.9	26
107	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016 , 6, 27857	4.9	25
106	Periodontal disease bacteria specific to tonsil in IgA nephropathy patients predicts the remission by the treatment. <i>PLoS ONE</i> , 2014 , 9, e81636	3.7	25
105	CD3 zeta and eta chains are produced by alternative splicing from a common gene. <i>International Immunology</i> , 1990 , 2, 1117-9	4.9	25
104	Lactobacillus plantarum USM8613 Aids in Wound Healing and Suppresses Staphylococcus aureus Infection at Wound Sites. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 125-137	5.5	25
103	Role of the IgM Fc Receptor in Immunity and Tolerance. <i>Frontiers in Immunology</i> , 2019 , 10, 529	8.4	24
102	The Mechanisms of M-cell Differentiation. <i>Bioscience of Microbiota, Food and Health</i> , 2014 , 33, 91-7	3.2	24
101	Negative regulation of expression and function of Fc gamma RIII by CD3 zeta in murine NK cells. <i>Journal of Immunology</i> , 2001 , 166, 21-5	5.3	24
100	Modality-specific antinociception produced by intrathecal injection of anti-somatostatin antiserum in rats. <i>Brain Research</i> , 1988 , 474, 197-200	3.7	24
99	Foxl1-deficient mice exhibit aberrant epithelial cell positioning resulting from dysregulated EphB/EphrinB expression in the small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G163-70	5.1	23
98	The polarized epithelia-specific mu 1B-adaptin complements mu 1A-deficiency in fibroblasts. <i>EMBO Reports</i> , 2002 , 3, 471-7	6.5	23
97	Effect of epinephrine concentration on lidocaine disposition during epidural anesthesia. <i>Anesthesiology</i> , 1988 , 68, 625-8	4.3	23
96	Expression pattern changes and function of RANKL during mouse lymph node microarchitecture development. <i>International Immunology</i> , 2012 , 24, 369-78	4.9	22
95	Splenic CD19-CD35+B220+ cells function as an inducer of follicular dendritic cell network formation. <i>Blood</i> , 2007 , 110, 1215-24	2.2	22
94	Cytokine-independent Jak3 activation upon T cell receptor (TCR) stimulation through direct association of Jak3 and the TCR complex. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25378-85	5.4	22
93	Acetate differentially regulates IgA reactivity to commensal bacteria. <i>Nature</i> , 2021 , 595, 560-564	50.4	22

92	Skin Care and Synbiotics for Prevention of Atopic Dermatitis or Food Allergy in Newborn Infants: A 2 X 2 Factorial, Randomized, Non-Treatment Controlled Trial. <i>International Archives of Allergy and Immunology</i> , 2019 , 180, 202-211	3.7	21
91	Lactobacillus sp. improved microbiota and metabolite profiles of aging rats. <i>Pharmacological Research</i> , 2019 , 146, 104312	10.2	21
90	Sox8 is essential for M cell maturation to accelerate IgA response at the early stage after weaning in mice. <i>Journal of Experimental Medicine</i> , 2019 , 216, 831-846	16.6	21
89	NALT M cells are important for immune induction for the common mucosal immune system. <i>International Immunology</i> , 2017 , 29, 471-478	4.9	21
88	The protective effect of G9-1 against mucus degradation by following small intestine injury caused by a proton pump inhibitor and aspirin. <i>Gut Microbes</i> , 2020 , 11, 1385-1404	8.8	20
87	Uromodulin-SlpA binding dictates Lactobacillus acidophilus uptake by intestinal epithelial M cells. <i>International Immunology</i> , 2017 , 29, 357-363	4.9	19
86	Discovery of molecular markers to discriminate corneal endothelial cells in the human body. <i>PLoS ONE</i> , 2015 , 10, e0117581	3.7	19
85	Negative regulation of LPS-stimulated expression of inducible nitric oxide synthase by AP-1 in macrophage cell line J774A.1. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 289, 1031-8	3.4	18
84	Complement-activating IgM enhances the humoral but not the T cell immune response in mice. <i>PLoS ONE</i> , 2013 , 8, e81299	3.7	18
83	Octacosanol and policosanol prevent high-fat diet-induced obesity and metabolic disorders by activating brown adipose tissue and improving liver metabolism. <i>Scientific Reports</i> , 2019 , 9, 5169	4.9	17
82	Dietary Antigens Induce Germinal Center Responses in Peyer's Patches and Antigen-Specific IgA Production. <i>Frontiers in Immunology</i> , 2019 , 10, 2432	8.4	17
81	Enhanced auto-antibody production and Mott cell formation in FcR-deficient autoimmune mice. <i>International Immunology</i> , 2014 , 26, 659-72	4.9	16
80	Identification of novel genes selectively expressed in the follicle-associated epithelium from the meta-analysis of transcriptomics data from multiple mouse cell and tissue populations. <i>DNA Research</i> , 2012 , 19, 407-22	4.5	16
79	Visualization of the post-Golgi trafficking of multiphoton photoactivated transferrin receptors. <i>Cell Structure and Function</i> , 2006 , 31, 63-75	2.2	16
78	Identification of a QTL in <i>Mus musculus</i> for alcohol preference, withdrawal, and Ap3m2 expression using integrative functional genomics and precision genetics. <i>Genetics</i> , 2014 , 197, 1377-93	4	15
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