

# Hiroshi Ohno

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235  
papers

23,347  
citations

68  
h-index

150  
g-index

247  
ext. papers

27,639  
ext. citations

9.2  
avg, IF

6.4  
L-index

#	Paper	IF	Citations
235	Impact of dietary fructooligosaccharides (FOS) on murine gut microbiota and intestinal IgA secretion.. <i>3 Biotech</i> , <b>2022</b> , 12, 56	2.8	0
234	Analysis of colonic mucosa-associated microbiota using endoscopically collected lavage.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1758	4.9	2
233	Morphological and functional adaptation of pancreatic islet blood vessels to insulin resistance is impaired in diabetic db/db mice.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 1868, 166339	6.9	1
232	High-throughput identification and quantification of single bacterial cells in the microbiota.. <i>Nature Communications</i> , <b>2022</b> , 13, 863	17.4	3
231	Development of a novel feeding method for Japanese black calves with thermophile probiotics at postweaning.. <i>Journal of Applied Microbiology</i> , <b>2022</b> ,	4.7	1
230	Shotgun metagenomic sequencing revealed the prebiotic potential of a grain-based diet in mice.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6748	4.9	0
229	A potential network structure of symbiotic bacteria involved in carbon and nitrogen metabolism of wood-utilizing insect larvae.. <i>Science of the Total Environment</i> , <b>2022</b> , 155520	10.2	1
228	Oral Pathobiont-Induced Changes in Gut Microbiota Aggravate the Pathology of Nonalcoholic Fatty Liver Disease in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 766170	8.4	5
227	Sepsis Induces Deregulation of IL-13 Production and PD-1 Expression in Lung Group 2 Innate Lymphoid Cells. <i>Shock</i> , <b>2021</b> , 55, 357-370	3.4	7
226	Protective Role of the M-Sec-Tunneling Nanotube System in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 1114-1130	12.7	3
225	Dietary Derived Micronutrients Modulate Immune Responses Through Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 670632	8.4	2
224	Starvation-induced transcription factor CREBH negatively governs body growth by controlling GH signaling. <i>FASEB Journal</i> , <b>2021</b> , 35, e21663	0.9	2
223	Constructing a gnotobiotic mouse model with a synthetic human gut microbiome to study host-microbe cross talk. <i>STAR Protocols</i> , <b>2021</b> , 2, 100607	1.4	3
222	Habitual Dietary Intake Affects the Altered Pattern of Gut Microbiome by Acarbose in Patients with Type 2 Diabetes. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
221	Obesity-Related Gut Microbiota Aggravates Alveolar Bone Destruction in Experimental Periodontitis through Elevation of Uric Acid. <i>MBio</i> , <b>2021</b> , 12, e0077121	7.8	6
220	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 11, 949-971	7.9	3
219	Next-generation prebiotic promotes selective growth of bifidobacteria, suppressing. <i>Gut Microbes</i> , <b>2021</b> , 13, 1973835	8.8	4

218	Pancreatic glycoprotein 2 is a first line of defense for mucosal protection in intestinal inflammation. <i>Nature Communications</i> , <b>2021</b> , 12, 1067	17.4	6
217	Acetate differentially regulates IgA reactivity to commensal bacteria. <i>Nature</i> , <b>2021</b> , 595, 560-564	50.4	22
216	Association of the Maternal Gut Microbiota/Metabolome with Cord Blood CCL17. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
215	Rapid manipulation of mitochondrial morphology in a living cell with iCMM.. <i>Cell Reports Methods</i> , <b>2021</b> , 1, 100052		1
214	Reciprocal regulation of IgA and the gut microbiota: a key mutualism in the intestine. <i>International Immunology</i> , <b>2021</b> , 33, 781-786	4.9	1
213	The impact of metabolites derived from the gut microbiota on immune regulation and diseases. <i>International Immunology</i> , <b>2020</b> , 32, 629-636	4.9	9
212	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> , <b>2020</b> , 11, 1385-1404	8.8	20
211	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. <i>iScience</i> , <b>2020</b> , 23, 100930	6.1	8
210	Association of colitis with gut-microbiota dysbiosis in clathrin adapter AP-1B knockout mice. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228358	3.7	9
209	Bacteria-Induced Group 2 Innate Lymphoid Cells in the Stomach Provide Immune Protection through Induction of IgA. <i>Immunity</i> , <b>2020</b> , 52, 635-649.e4	32.3	46
208	Essential functions of Runx/Cbfr in gut conventional dendritic cells for priming RorT cells. <i>Life Science Alliance</i> , <b>2020</b> , 3,	5.8	6
207	Association between gut microbiota composition and glycoalbumin level during pregnancy in Japanese women: Pilot study from Chiba Study of Mother and Child Health. <i>Journal of Diabetes Investigation</i> , <b>2020</b> , 11, 699-706	3.9	6
206	Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. <i>Nature Microbiology</i> , <b>2020</b> , 5, 181-191	26.6	27
205	Intestinal M cells: Tireless samplers of enteric microbiota. <i>Traffic</i> , <b>2020</b> , 21, 34-44	5.7	7
204	Human gain-of-function STAT1 mutation disturbs IL-17 immunity in mice. <i>International Immunology</i> , <b>2020</b> , 32, 259-272	4.9	7
203	Intestinal epithelial cell-derived IL-15 determines local maintenance and maturation of intra-epithelial lymphocytes in the intestine. <i>International Immunology</i> , <b>2020</b> , 32, 307-319	4.9	7
202	SOD1 deficiency alters gastrointestinal microbiota and metabolites in mice. <i>Experimental Gerontology</i> , <b>2020</b> , 130, 110795	4.5	4
201	Unraveling the Heterogeneity and Specialization of ILCs. <i>Immunity</i> , <b>2020</b> , 53, 699-701	32.3	

200	Deep phenotyping of myalgic encephalomyelitis/chronic fatigue syndrome in Japanese population. <i>Scientific Reports</i> , <b>2020</b> , 10, 19933	4.9	7
199	Gut microorganisms act together to exacerbate inflammation in spinal cords. <i>Nature</i> , <b>2020</b> , 585, 102-106	50.4	62
198	IRF2 maintains the stemness of colonic stem cells by limiting physiological stress from interferon. <i>Scientific Reports</i> , <b>2020</b> , 10, 14639	4.9	5
197	Innate Lymphoid Cells: Important Regulators of Host-Bacteria Interaction for Border Defense. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	7
196	Stomach microbiota, Helicobacter pylori, and group 2 innate lymphoid cells. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 1377-1382	12.8	8
195	Lactobacillus plantarum USM8613 Aids in Wound Healing and Suppresses Staphylococcus aureus Infection at Wound Sites. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 125-137	5.5	25
194	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acyl-Chain Length and Hepatic Insulin Sensitivity in Mice. <i>Hepatology</i> , <b>2020</b> , 71, 1609-1625	11.2	15
193	Effects of Potential Probiotic Strains on the Fecal Microbiota and Metabolites of D-Galactose-Induced Aging Rats Fed with High-Fat Diet. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 545-562	5.5	8
192	CD8 regulatory T cells are critical in prevention of autoimmune-mediated diabetes. <i>Nature Communications</i> , <b>2020</b> , 11, 1922	17.4	29
191	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> , <b>2019</b> , 180, 202-211	3.7	21
190	Dietary intervention of mice using an improved Multiple Artificial-gravity Research System (MARS) under artificial 1 g. <i>Npj Microgravity</i> , <b>2019</b> , 5, 16	5.3	11
189	Lactobacillus sp. improved microbiota and metabolite profiles of aging rats. <i>Pharmacological Research</i> , <b>2019</b> , 146, 104312	10.2	21
188	Maternal gut microbiota is associated with newborn anthropometrics in a sex-specific manner. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2019</b> , 10, 659-666	2.4	10
187	Extracellular transglycosylase and glyceraldehyde-3-phosphate dehydrogenase attributed to the anti-staphylococcal activity of Lactobacillus plantarum USM8613. <i>Journal of Biotechnology</i> , <b>2019</b> , 300, 20-31	3.7	5
186	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> , <b>2019</b> , 9, 5169	4.9	17
185	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> , <b>2019</b> , 216, 831-846	16.6	21
184	Role of the IgM Fc Receptor in Immunity and Tolerance. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 529	8.4	24
183	Innate Lymphoid Cells in the Induction of Obesity. <i>Cell Reports</i> , <b>2019</b> , 28, 202-217.e7	10.6	32

182	Dietary Antigens Induce Germinal Center Responses in Peyer's Patches and Antigen-Specific IgA Production. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2432	8.4	17
181	Impact of spaceflight on the murine thymus and mitigation by exposure to artificial gravity during spaceflight. <i>Scientific Reports</i> , <b>2019</b> , 9, 19866	4.9	13
180	Association of the maternal microbiome in Japanese pregnant women with the cumulative prevalence of dermatitis in early infancy: A pilot study from the Chiba study of Mother and Child Health birth cohort. <i>World Allergy Organization Journal</i> , <b>2019</b> , 12, 100065	5.2	6
179	Development of intestinal M cells and follicle-associated epithelium is regulated by TRAF6-mediated NF- $\kappa$ B signaling. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 501-519	16.6	43
178	The Peroxisome Proliferator-Activated Receptor $\alpha$ (PPAR $\alpha$ ) Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	28
177	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. <i>Endocrinology</i> , <b>2018</b> , 159, 2308-2323	4.8	11
176	Oral Administration of Porphyromonas gingivalis Alters the Gut Microbiome and Serum Metabolome. <i>MSphere</i> , <b>2018</b> , 3,	5	55
175	Selective peroxisome proliferator-activated receptor- $\gamma$ modulator K-877 efficiently activates the peroxisome proliferator-activated receptor- $\gamma$ pathway and improves lipid metabolism in mice. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 8, 446-452	3.9	28
174	Mast Cells Are Crucial for Induction of Group 2 Innate Lymphoid Cells and Clearance of Helminth Infections. <i>Immunity</i> , <b>2017</b> , 46, 863-874.e4	32.3	110
173	IL-22BP dictates characteristics of Peyer's patch follicle-associated epithelium for antigen uptake. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 1607-1618	16.6	37
172	Intestinal IgA as a modulator of the gut microbiota. <i>Gut Microbes</i> , <b>2017</b> , 8, 486-492	8.8	35
171	Lactobacillus fermentum FTDC 8312 combats hypercholesterolemia via alteration of gut microbiota. <i>Journal of Biotechnology</i> , <b>2017</b> , 262, 75-83	3.7	33
170	Maternal High Fiber Diet during Pregnancy and Lactation Influences Regulatory T Cell Differentiation in Offspring in Mice. <i>Journal of Immunology</i> , <b>2017</b> , 199, 3516-3524	5.3	59
169	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , <b>2017</b> , 4, 170112	8.2	88
168	Aggravation of collagen-induced arthritis by orally administered Porphyromonas gingivalis through modulation of the gut microbiota and gut immune system. <i>Scientific Reports</i> , <b>2017</b> , 7, 6955	4.9	102
167	Uromodulin-SlpA binding dictates Lactobacillus acidophilus uptake by intestinal epithelial M cells. <i>International Immunology</i> , <b>2017</b> , 29, 357-363	4.9	19
166	NALT M cells are important for immune induction for the common mucosal immune system. <i>International Immunology</i> , <b>2017</b> , 29, 471-478	4.9	21
165	A 3-dimensional mathematical model of microbial proliferation that generates the characteristic cumulative relative abundance distributions in gut microbiomes. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180863	3.7	4

164	High-affinity monoclonal IgA regulates gut microbiota and prevents colitis in mice. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16103	26.6	96
163	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. <i>Scientific Reports</i> , <b>2016</b> , 6, 27857	4.9	25
162	Intestinal M cells. <i>Journal of Biochemistry</i> , <b>2016</b> , 159, 151-60	3.1	109
161	Potential Role of the Formation of Tunneling Nanotubes in HIV-1 Spread in Macrophages. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1832-41	5.3	69
160	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157580	3.7	40
159	Epithelium-Intrinsic MicroRNAs Contribute to Mucosal Immune Homeostasis by Promoting M-Cell Maturation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150379	3.7	9
158	Reduced Human $\alpha$ -Defensin 6 in Noninflamed Jejunal Tissue of Patients with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, 1119-28	4.5	9
157	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> , <b>2016</b> , 51, 639-46	4.3	29
156	Distinct Roles for the N- and C-terminal Regions of M-Sec in Plasma Membrane Deformation during Tunneling Nanotube Formation. <i>Scientific Reports</i> , <b>2016</b> , 6, 33548	4.9	28
155	Botulinum toxin A complex exploits intestinal M cells to enter the host and exert neurotoxicity. <i>Nature Communications</i> , <b>2015</b> , 6, 6255	17.4	56
154	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. <i>Cell</i> , <b>2015</b> , 163, 367-80	56.2	612
153	Visualization of the entire differentiation process of murine M cells: suppression of their maturation in cecal patches. <i>Mucosal Immunology</i> , <b>2015</b> , 8, 650-60	9.2	48
152	Probiotic <i>Bifidobacterium longum</i> alters gut luminal metabolism through modification of the gut microbial community. <i>Scientific Reports</i> , <b>2015</b> , 5, 13548	4.9	95
151	<i>Plasmodium berghei</i> ANKA causes intestinal malaria associated with dysbiosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 15699	4.9	40
150	Distinct microRNA expression profiles in follicle-associated epithelium and villous epithelium. <i>Genomics Data</i> , <b>2015</b> , 5, 388-90		1
149	Discovery of molecular markers to discriminate corneal endothelial cells in the human body. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117581	3.7	19
148	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> , <b>2015</b> , 10, e0134234	3.7	170
147	Gut microbial short-chain fatty acids in host defense and immune regulation. <i>Inflammation and Regeneration</i> , <b>2015</b> , 35, 114-121	10.9	5

146	Nomenclature of Toso, Fas apoptosis inhibitory molecule 3, and IgM FcR. <i>Journal of Immunology</i> , <b>2015</b> , 194, 4055-7	5.3	13
145	The statistical geometry of transcriptome divergence in cell-type evolution and cancer. <i>Nature Communications</i> , <b>2015</b> , 6, 6066	17.4	33
144	Host&ndash;Gut Microbiota Interaction. <i>Japanese Journal of Food Microbiology</i> , <b>2015</b> , 32, 95-99	0.2	1
143	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlr(-/-) mouse model. <i>Scientific Reports</i> , <b>2015</b> , 5, 17604	4.9	15
142	Gut Commensal Microbes and the Gut Immune System. <i>Microbiology Monographs</i> , <b>2015</b> , 149-166	0.8	
141	A promoter-level mammalian expression atlas. <i>Nature</i> , <b>2014</b> , 507, 462-70	50.4	1301
140	An atlas of active enhancers across human cell types and tissues. <i>Nature</i> , <b>2014</b> , 507, 455-461	50.4	1595
139	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , <b>2014</b> , 15, 571-9	19.1	125
138	Gut microbiome and metabolic diseases. <i>Seminars in Immunopathology</i> , <b>2014</b> , 36, 103-14	12	98
137	Epithelial-stromal interaction via Notch signaling is essential for the full maturation of gut-associated lymphoid tissues. <i>EMBO Reports</i> , <b>2014</b> , 15, 1297-304	6.5	10
136	Enhanced auto-antibody production and Mott cell formation in FcR-deficient autoimmune mice. <i>International Immunology</i> , <b>2014</b> , 26, 659-72	4.9	16
135	CCL2 enhances pluripotency of human induced pluripotent stem cells by activating hypoxia related genes. <i>Scientific Reports</i> , <b>2014</b> , 4, 5228	4.9	14
134	Pitfalls in global normalization of CHIP-seq data in CD4(+) T cells treated with butyrate: A possible solution strategy. <i>Genomics Data</i> , <b>2014</b> , 2, 176-80		2
133	In vitro evaluation method for screening of candidate prebiotic foods. <i>Food Chemistry</i> , <b>2014</b> , 152, 251-608.5		29
132	Selection of an aptamer against mouse GP2 by SELEX. <i>Cell Structure and Function</i> , <b>2014</b> , 39, 23-9	2.2	6
131	Ceruloplasmin is a novel adipokine which is overexpressed in adipose tissue of obese subjects and in obesity-associated cancer cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e80274	3.7	36
130	Periodontal disease bacteria specific to tonsil in IgA nephropathy patients predicts the remission by the treatment. <i>PLoS ONE</i> , <b>2014</b> , 9, e81636	3.7	25
129	The Mechanisms of M-cell Differentiation. <i>Bioscience of Microbiota, Food and Health</i> , <b>2014</b> , 33, 91-7	3.2	24

128	Lactobacillus acidophilus L-92 Cells Activate Expression of Immunomodulatory Genes in THP-1 Cells. <i>Bioscience of Microbiota, Food and Health</i> , <b>2014</b> , 33, 157-64	3.2	4
127	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> , <b>2014</b> , 111, 5289-94	11.5	85
126	A novel mucosal vaccine targeting Peyer's patch M cells induces protective antigen-specific IgA responses. <i>International Immunology</i> , <b>2014</b> , 26, 619-25	4.9	56
125	Multiple omics uncovers host-gut microbial mutualism during prebiotic fructooligosaccharide supplementation. <i>DNA Research</i> , <b>2014</b> , 21, 469-80	4.5	62
124	The Role of the Clathrin Adaptor AP-1: Polarized Sorting and Beyond. <i>Membranes</i> , <b>2014</b> , 4, 747-63	3.8	34
123	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> , <b>2014</b> , 197, 1377-93	4	15
122	Treg induction by a rationally selected mixture of Clostridia strains from the human microbiota. <i>Nature</i> , <b>2013</b> , 500, 232-6	50.4	1795
121	AP-1B-mediated protein sorting regulates polarity and proliferation of intestinal epithelial cells in mice. <i>Gastroenterology</i> , <b>2013</b> , 145, 625-35	13.3	43
120	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , <b>2013</b> , 504, 446-50	50.4	2810
119	Thermophile-fermented compost as a possible scavenging feed additive to prevent peroxidation. <i>Journal of Bioscience and Bioengineering</i> , <b>2013</b> , 116, 203-8	3.3	5
118	Microbiota-derived lactate accelerates colon epithelial cell turnover in starvation-refed mice. <i>Nature Communications</i> , <b>2013</b> , 4, 1654	17.4	86
117	The molecular basis of induction and formation of tunneling nanotubes. <i>Cell and Tissue Research</i> , <b>2013</b> , 352, 67-76	4.2	46
116	Robustness of gut microbiota of healthy adults in response to probiotic intervention revealed by high-throughput pyrosequencing. <i>DNA Research</i> , <b>2013</b> , 20, 241-53	4.5	200
115	Microfold (M) cells: important immunosurveillance posts in the intestinal epithelium. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 666-77	9.2	395
114	The functional maturation of M cells is dramatically reduced in the Peyer's patches of aged mice. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 1027-37	9.2	63
113	FcR (Toso/Faim3) is not an inhibitor of Fas-mediated cell death in mouse T and B cells. <i>Blood</i> , <b>2013</b> , 121, 2368-70	2.2	6
112	Distinct Roles for CXCR6(+) and CXCR6(-) CD4(+) T Cells in the Pathogenesis of Chronic Colitis. <i>PLoS ONE</i> , <b>2013</b> , 8, e65488	3.7	13
111	LST1 promotes the assembly of a molecular machinery responsible for tunneling nanotube formation. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 767-77	5.3	83



110	Bifidobacterium longum alleviates dextran sulfate sodium-induced colitis by suppressing IL-17A response: involvement of intestinal epithelial costimulatory molecules. <i>PLoS ONE</i> , <b>2013</b> , 8, e79735	3.7	47
109	Complement-activating IgM enhances the humoral but not the T cell immune response in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e81299	3.7	18
108	Tunneling nanotubes: emerging view of their molecular components and formation mechanisms. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 1699-706	4.2	46
107	AP1B plays an important role in intestinal tumorigenesis with the truncating mutation of an APC gene. <i>International Journal of Cancer</i> , <b>2012</b> , 130, 1011-20	7.5	9
106	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> , <b>2012</b> , 109, E2699-706	11.5	89
105	M cell differentiation: distinct lineage or phenotypic transition? Salmonella provides answers. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 607-9	23.4	9
104	The Ets transcription factor Spi-B is essential for the differentiation of intestinal microfold cells. <i>Nature Immunology</i> , <b>2012</b> , 13, 729-36	19.1	147
103	Cutting Edge: Brucella abortus exploits a cellular prion protein on intestinal M cells as an invasive receptor. <i>Journal of Immunology</i> , <b>2012</b> , 189, 1540-4	5.3	65
102	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> , <b>2012</b> , 19, 407-22	4.5	16
101	Altered Ig levels and antibody responses in mice deficient for the Fc receptor for IgM (Fc $\beta$ ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15882-7	11.5	55
100	Acetate-producing bifidobacteria protect the host from enteropathogenic infection via carbohydrate transporters. <i>Gut Microbes</i> , <b>2012</b> , 3, 449-54	8.8	128
99	Expression pattern changes and function of RANKL during mouse lymph node microarchitecture development. <i>International Immunology</i> , <b>2012</b> , 24, 369-78	4.9	22
98	Exposure to probiotic Lactobacillus acidophilus L-92 modulates gene expression profiles of epithelial Caco-2 cells. <i>Journal of Medicinal Food</i> , <b>2012</b> , 15, 511-9	2.8	15
97	M cell-depletion blocks oral prion disease pathogenesis. <i>Mucosal Immunology</i> , <b>2012</b> , 5, 216-25	9.2	75
96	Epithelial cell-intrinsic Notch signaling plays an essential role in the maintenance of gut immune homeostasis. <i>Journal of Immunology</i> , <b>2012</b> , 188, 2427-36	5.3	51
95	The epithelia-specific membrane trafficking factor AP-1B controls gut immune homeostasis in mice. <i>Gastroenterology</i> , <b>2011</b> , 141, 621-32	13.3	49
94	Complete genome sequences of rat and mouse segmented filamentous bacteria, a potent inducer of th17 cell differentiation. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 273-84	23.4	96
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