

Koji Atarashi

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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.

52 papers	18,094 citations	32 h-index	58 g-index
58 ext. papers	21,848 ext. citations	21.2 avg, IF	5.88 L-index

#	Paper	IF	Citations
52	Induction of intestinal Th17 cells by segmented filamentous bacteria. <i>Cell</i> , 2009 , 139, 485-98	56.2	3110
51	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013 , 504, 446-50	50.4	2810
50	Induction of colonic regulatory T cells by indigenous <i>Clostridium</i> species. <i>Science</i> , 2011 , 331, 337-41	33.3	2543
49	Treg induction by a rationally selected mixture of <i>Clostridia</i> strains from the human microbiota. <i>Nature</i> , 2013 , 500, 232-6	50.4	1795
48	Obesity-induced gut microbial metabolite promotes liver cancer through senescence secretome. <i>Nature</i> , 2013 , 499, 97-101	50.4	1298
47	ATP drives lamina propria T(H)17 cell differentiation. <i>Nature</i> , 2008 , 455, 808-12	50.4	838
46	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. <i>Cell</i> , 2015 , 163, 367-80	56.2	612
45	IRF4 transcription factor-dependent CD11b ⁺ dendritic cells in human and mouse control mucosal IL-17 cytokine responses. <i>Immunity</i> , 2013 , 38, 970-83	32.3	573
44	MUCOSAL IMMUNOLOGY. The microbiota regulates type 2 immunity through ROR γ ⁺ T cells. <i>Science</i> , 2015 , 349, 989-93	33.3	494
43	Two FOXP3(+)CD4(+) T cell subpopulations distinctly control the prognosis of colorectal cancers. <i>Nature Medicine</i> , 2016 , 22, 679-84	50.5	445
42	A defined commensal consortium elicits CD8 T cells and anti-cancer immunity. <i>Nature</i> , 2019 , 565, 600-605	50.4	417
41	Ectopic colonization of oral bacteria in the intestine drives T1 cell induction and inflammation. <i>Science</i> , 2017 , 358, 359-365	33.3	341
40	Foxp3(+) T cells regulate immunoglobulin a selection and facilitate diversification of bacterial species responsible for immune homeostasis. <i>Immunity</i> , 2014 , 41, 152-65	32.3	333
39	Development and maintenance of intestinal regulatory T cells. <i>Nature Reviews Immunology</i> , 2016 , 16, 295-309	36.5	327
38	Maternal gut bacteria promote neurodevelopmental abnormalities in mouse offspring. <i>Nature</i> , 2017 , 549, 528-532	50.4	318
37	Transcriptional reprogramming of mature CD4 ⁺ helper T cells generates distinct MHC class II-restricted cytotoxic T lymphocytes. <i>Nature Immunology</i> , 2013 , 14, 281-9	19.1	204
36	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4 ⁺ T cells. <i>Nature Immunology</i> , 2011 , 12, 450-9	19.1	145

35	Characterization of the 17 strains of regulatory T cell-inducing human-derived Clostridia. <i>Gut Microbes</i> , 2014 , 5, 333-9	8.8	130
34	Gut pathobionts underlie intestinal barrier dysfunction and liver T helper 17 cell immune response in primary sclerosing cholangitis. <i>Nature Microbiology</i> , 2019 , 4, 492-503	26.6	126
33	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
32	IkappaBNS inhibits induction of a subset of Toll-like receptor-dependent genes and limits inflammation. <i>Immunity</i> , 2006 , 24, 41-51	32.3	116
31	Cross-interference of RLR and TLR signaling pathways modulates antibacterial T cell responses. <i>Nature Immunology</i> , 2012 , 13, 659-66	19.1	107
30	Endogenous murine microbiota member Faecalibaculum rodentium and its human homologue protect from intestinal tumour growth. <i>Nature Microbiology</i> , 2020 , 5, 511-524	26.6	104
29	Microbiota in autoimmunity and tolerance. <i>Current Opinion in Immunology</i> , 2011 , 23, 761-8	7.8	84
28	TLR-dependent induction of IFN-beta mediates host defense against Trypanosoma cruzi. <i>Journal of Immunology</i> , 2006 , 177, 7059-66	5.3	78
27	Commensal bacteria at the crossroad between cholesterol homeostasis and chronic inflammation in atherosclerosis. <i>Journal of Lipid Research</i> , 2017 , 58, 519-528	6.3	67
26	Monocyte-derived dendritic cells perform hemophagocytosis to fine-tune excessive immune responses. <i>Immunity</i> , 2013 , 39, 584-98	32.3	57
25	Ecto-nucleoside triphosphate diphosphohydrolase 7 controls Th17 cell responses through regulation of luminal ATP in the small intestine. <i>Journal of Immunology</i> , 2013 , 190, 774-83	5.3	55
24	Microbial influence on T cell subset development. <i>Seminars in Immunology</i> , 2011 , 23, 146-53	10.7	55
23	Novel bile acid biosynthetic pathways are enriched in the microbiome of centenarians. <i>Nature</i> , 2021 , 599, 458-464	50.4	48
22	Requirement of full TCR repertoire for regulatory T cells to maintain intestinal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12770-5	11.5	41
21	IL-10 produced by macrophages regulates epithelial integrity in the small intestine. <i>Scientific Reports</i> , 2019 , 9, 1223	4.9	37
20	Clinical impact of pre-transplant gut microbial diversity on outcomes of allogeneic hematopoietic stem cell transplantation. <i>Annals of Hematology</i> , 2017 , 96, 1517-1523	3	31
19	Induction of lamina propria Th17 cells by intestinal commensal bacteria. <i>Vaccine</i> , 2010 , 28, 8036-8	4.1	31
18	Diet-dependent, microbiota-independent regulation of IL-10-producing lamina propria macrophages in the small intestine. <i>Scientific Reports</i> , 2016 , 6, 27634	4.9	30

17	NFATc1 mediates Toll-like receptor-independent innate immune responses during <i>Trypanosoma cruzi</i> infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000514	7.6	29
16	Clarithromycin expands CD11b+Gr-1+ cells via the STAT3/Bv8 axis to ameliorate lethal endotoxic shock and post-influenza bacterial pneumonia. <i>PLoS Pathogens</i> , 2018 , 14, e1006955	7.6	26
15	A subpopulation of high IL-21-producing CD4(+) T cells in Peyer's Patches is induced by the microbiota and regulates germinal centers. <i>Scientific Reports</i> , 2016 , 6, 30784	4.9	19
14	TH1 cell-inducing strain identified from the small intestinal mucosa of patients with Crohn's disease. <i>Gut Microbes</i> , 2020 , 12, 1788898	8.8	15
13	Prebiotics protect against acute graft-versus-host disease and preserve the gut microbiota in stem cell transplantation. <i>Blood Advances</i> , 2020 , 4, 4607-4617	7.8	15
12	Fra-1 negatively regulates lipopolysaccharide-mediated inflammatory responses. <i>International Immunology</i> , 2009 , 21, 457-65	4.9	13
11	Regulation of Th17 cell differentiation by intestinal commensal bacteria. <i>Beneficial Microbes</i> , 2010 , 1, 327-34	4.9	12
10	A novel in vivo inducible dendritic cell ablation model in mice. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 397, 559-63	3.4	9
9	MAVS-dependent IRF3/7 bypass of interferon induction restricts the response to measles infection in CD150Tg mouse bone marrow-derived dendritic cells. <i>Molecular Immunology</i> , 2014 , 57, 100-110	4.3	7
8	<i>Staphylococcus cohnii</i> is a potentially biotherapeutic skin commensal alleviating skin inflammation. <i>Cell Reports</i> , 2021 , 35, 109052	10.6	4
7	Identification of unique bile acid-metabolizing bacteria from the microbiome of centenarians		3
6	Mechanism of Th17 cell differentiation in the intestinal lamina propria. <i>Inflammation and Regeneration</i> , 2009 , 29, 263-269	10.9	3
5	P074 HUMAN-DERIVED CLOSTRIDIUM VE202 STRAINS REDUCE ENTEROBACTERIACEAE AND FUSOBACTERIA AND REVERSE EXPERIMENTAL COLITIS INDUCED BY HUMAN GUT MICROBIOTA. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, S36-S37	4.5	2
4	Microbiota's Influence on Immunity. <i>Else-Krüger-Fresenius-Symposia</i> , 2013 , 43-47		1
3	Low diversity of gut microbiota in the early phase of post-bone marrow transplantation increases the risk of chronic graft-versus-host disease. <i>Bone Marrow Transplantation</i> , 2021 , 56, 1728-1731	4.4	1
2	Microbial Recognition and Pathogen-Associated Molecular Pattern Receptors in Inflammatory Bowel Disease 2012 , 97-110		1
1	Control of Intestinal Regulatory T Cells by Human Commensal Bacteria 2016 , 591-601		