

Koji Atarashi

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

24,446
citations

117625

34
h-index

168389

53
g-index

58
all docs

58
docs citations

58
times ranked

27987
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013, 504, 446-450.	27.8	3,901
2	Induction of Intestinal Th17 Cells by Segmented Filamentous Bacteria. <i>Cell</i> , 2009, 139, 485-498.	28.9	3,818
3	Induction of Colonic Regulatory T Cells by Indigenous <i>Clostridium</i> Species. <i>Science</i> , 2011, 331, 337-341.	12.6	3,144
4	Treg induction by a rationally selected mixture of Clostridia strains from the human microbiota. <i>Nature</i> , 2013, 500, 232-236.	27.8	2,339
5	Obesity-induced gut microbial metabolite promotes liver cancer through senescence secretome. <i>Nature</i> , 2013, 499, 97-101.	27.8	1,774
6	ATP drives lamina propria TH17 cell differentiation. <i>Nature</i> , 2008, 455, 808-812.	27.8	970
7	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. <i>Cell</i> , 2015, 163, 367-380.	28.9	846
8	A defined commensal consortium elicits CD8 T cells and anti-cancer immunity. <i>Nature</i> , 2019, 565, 600-605.	27.8	741
9	The microbiota regulates type 2 immunity through ROR γ T cells. <i>Science</i> , 2015, 349, 989-993.	12.6	709
10	IRF4 Transcription Factor-Dependent CD11b ⁺ Dendritic Cells in Human and Mouse Control Mucosal IL-17 Cytokine Responses. <i>Immunity</i> , 2013, 38, 970-983.	14.3	703
11	Two FOXP3 ⁺ CD4 ⁺ T cell subpopulations distinctly control the prognosis of colorectal cancers. <i>Nature Medicine</i> , 2016, 22, 679-684.	30.7	641
12	Ectopic colonization of oral bacteria in the intestine drives T _H 1 cell induction and inflammation. <i>Science</i> , 2017, 358, 359-365.	12.6	612
13	Maternal gut bacteria promote neurodevelopmental abnormalities in mouse offspring. <i>Nature</i> , 2017, 549, 528-532.	27.8	478
14	Development and maintenance of intestinal regulatory T cells. <i>Nature Reviews Immunology</i> , 2016, 16, 295-309.	22.7	442
15	Foxp3 ⁺ T Cells Regulate Immunoglobulin A Selection and Facilitate Diversification of Bacterial Species Responsible for Immune Homeostasis. <i>Immunity</i> , 2014, 41, 152-165.	14.3	431
16	Transcriptional reprogramming of mature CD4 ⁺ helper T cells generates distinct MHC class II-restricted cytotoxic T lymphocytes. <i>Nature Immunology</i> , 2013, 14, 281-289.	14.5	306
17	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.	13.3	270
18	Novel bile acid biosynthetic pathways are enriched in the microbiome of centenarians. <i>Nature</i> , 2021, 599, 458-464.	27.8	251

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19	Endogenous murine microbiota member <i>Faecalibaculum rodentium</i> and its human homologue protect from intestinal tumour growth. <i>Nature Microbiology</i> , 2020, 5, 511-524.	13.3	248
20	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4+ T cells. <i>Nature Immunology</i> , 2011, 12, 450-459.	14.5	184
21	Characterization of the 17 strains of regulatory T cell-inducing human-derived <i>Clostridia</i> . <i>Gut Microbes</i> , 2014, 5, 333-339.	9.8	182
22	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014, 15, 571-579.	14.5	147
23	Î²BNS Inhibits Induction of a Subset of Toll-like Receptor-Dependent Genes and Limits Inflammation. <i>Immunity</i> , 2006, 24, 41-51.	14.3	138
24	Cross-interference of RLR and TLR signaling pathways modulates antibacterial T cell responses. <i>Nature Immunology</i> , 2012, 13, 659-666.	14.5	138
25	Microbiota in autoimmunity and tolerance. <i>Current Opinion in Immunology</i> , 2011, 23, 761-768.	5.5	102
26	Commensal bacteria at the crossroad between cholesterol homeostasis and chronic inflammation in atherosclerosis. <i>Journal of Lipid Research</i> , 2017, 58, 519-528.	4.2	96
27	TLR-Dependent Induction of IFN-Î² Mediates Host Defense against <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2006, 177, 7059-7066.	0.8	85
28	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, 774-783.	0.8	73
29	IL-10 produced by macrophages regulates epithelial integrity in the small intestine. <i>Scientific Reports</i> , 2019, 9, 1223.	3.3	72
30	Microbial influence on T cell subset development. <i>Seminars in Immunology</i> , 2011, 23, 146-153.	5.6	70
31	Monocyte-Derived Dendritic Cells Perform Hemophagocytosis to Fine-Tune Excessive Immune Responses. <i>Immunity</i> , 2013, 39, 584-598.	14.3	68
32	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, 12770-12775.	7.1	52
33	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.	1.8	48
34	Diet-dependent, microbiota-independent regulation of IL-10-producing lamina propria macrophages in the small intestine. <i>Scientific Reports</i> , 2016, 6, 27634.	3.3	44
35	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.	5.2	42
36	TH1 cell-inducing <i>Escherichia coli</i> strain identified from the small intestinal mucosa of patients with Crohn's disease. <i>Gut Microbes</i> , 2020, 12, 1788898.	9.8	40

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37	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.	4.7	34
38	Induction of lamina propria Th17 cells by intestinal commensal bacteria. <i>Vaccine</i> , 2010, 28, 8036-8038.	3.8	32
39	NFATc1 Mediates Toll-Like Receptor-Independent Innate Immune Responses during <i>Trypanosoma cruzi</i> Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000514.	4.7	31
40	<i>Staphylococcus cohnii</i> is a potentially biotherapeutic skin commensal alleviating skin inflammation. <i>Cell Reports</i> , 2021, 35, 109052.	6.4	26
41	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.	3.3	25
42	Fra-1 negatively regulates lipopolysaccharide-mediated inflammatory responses. <i>International Immunology</i> , 2009, 21, 457-465.	4.0	19
43	Regulation of Th17 cell differentiation by intestinal commensal bacteria. <i>Beneficial Microbes</i> , 2010, 1, 327-334.	2.4	13
44	A novel in vivo inducible dendritic cell ablation model in mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 559-563.	2.1	10
45	MAVS-dependent IRF3/7 bypass of interferon β -induction restricts the response to measles infection in CD150Tg mouse bone marrow-derived dendritic cells. <i>Molecular Immunology</i> , 2014, 57, 100-110.	2.2	7
46	A common epigenetic mechanism across different cellular origins underlies systemic immune dysregulation in an idiopathic autism mouse model. <i>Molecular Psychiatry</i> , 2022, 27, 3343-3354.	7.9	4
47	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.	1.9	3
48	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.	2.4	3
49	Mechanism of Th17 cell differentiation in the intestinal lamina propria. <i>Inflammation and Regeneration</i> , 2009, 29, 263-269.	3.7	3
50	Microbiota's Influence on Immunity. <i>Else-Kröner-Fresenius-Symposia</i> , 2013, , 43-47.	0.1	1
51	Microbial Recognition and Pathogen-Associated Molecular Pattern Receptors in Inflammatory Bowel Disease. , 2012, , 97-110.		1
52	Control of Intestinal Regulatory T Cells by Human Commensal Bacteria. , 2016, , 591-601.		0