

# Satoshi Uematsu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,447  
citations

279487

23  
h-index

344852

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of humoral and cellular gut immunity by lamina propria dendritic cells expressing Toll-like receptor 5. <i>Nature Immunology</i> , 2008, 9, 769-776.	7.0	668
2	Innate lymphoid cells regulate intestinal epithelial cell glycosylation. <i>Science</i> , 2014, 345, 1254009.	6.0	450
3	Epithelial glycosylation in gut homeostasis and inflammation. <i>Nature Immunology</i> , 2016, 17, 1244-1251.	7.0	150
4	Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. <i>Nature Communications</i> , 2014, 5, 3492.	5.8	119
5	Inhaled Fine Particles Induce Alveolar Macrophage Death and Interleukin-1 $\beta$ Release to Promote Inducible Bronchus-Associated Lymphoid Tissue Formation. <i>Immunity</i> , 2016, 45, 1299-1310.	6.6	110
6	A Refined Culture System for Human Induced Pluripotent Stem Cell-Derived Intestinal Epithelial Organoids. <i>Stem Cell Reports</i> , 2018, 10, 314-328.	2.3	83
7	Immune responses of TLR5+ lamina propria dendritic cells in enterobacterial infection. <i>Journal of Gastroenterology</i> , 2009, 44, 803-811.	2.3	77
8	Eosinophil depletion suppresses radiation-induced small intestinal fibrosis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	58
9	Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. <i>Cell Host and Microbe</i> , 2020, 28, 380-389.e9.	5.1	51
10	Inhibition of microsomal prostaglandin E synthase-1 facilitates liver repair after hepatic injury in mice. <i>Journal of Hepatology</i> , 2018, 69, 110-120.	1.8	47
11	G-CSF-induced sympathetic tone provokes fever and primes antimobilizing functions of neutrophils via PGE2. <i>Blood</i> , 2017, 129, 587-597.	0.6	45
12	Functional Restoration of Bacteriomes and Viromes by Fecal Microbiota Transplantation. <i>Gastroenterology</i> , 2021, 160, 2089-2102.e12.	0.6	45
13	Effects of long-term intake of a yogurt fermented with <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> 2038 and <i>Streptococcus thermophilus</i> 1131 on mice. <i>International Immunology</i> , 2018, 30, 319-331.	1.8	42
14	Innate immune adaptor TRIF deficiency accelerates disease progression of ALS mice with accumulation of aberrantly activated astrocytes. <i>Cell Death and Differentiation</i> , 2018, 25, 2130-2146.	5.0	36
15	Direct Melanoma Cell Contact Induces Stromal Cell Autocrine Prostaglandin E2-EP4 Receptor Signaling That Drives Tumor Growth, Angiogenesis, and Metastasis. <i>Journal of Biological Chemistry</i> , 2015, 290, 29781-29793.	1.6	35
16	DUSP10 constrains innate IL-33-mediated cytokine production in ST2hi memory-type pathogenic Th2 cells. <i>Nature Communications</i> , 2018, 9, 4231.	5.8	35
17	MyD88 Signaling Inhibits Protective Immunity to the Gastrointestinal Helminth Parasite <i>Heligmosomoides polygyrus</i> . <i>Journal of Immunology</i> , 2014, 193, 2984-2993.	0.4	34
18	Herpes simplex virus-1 evasion of CD8+ T cell accumulation contributes to viral encephalitis. <i>Journal of Clinical Investigation</i> , 2017, 127, 3784-3795.	3.9	32

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19	The innate immune system in the intestine. <i>Microbiology and Immunology</i> , 2010, 54, 645-657.	0.7	29
20	Gut carbohydrate inhibits GIP secretion via a microbiota/SCFA/FFAR3 pathway. <i>Journal of Endocrinology</i> , 2018, 239, 267-276.	1.2	29
21	Oral MucoRice-CTB vaccine for safety and microbiota-dependent immunogenicity in humans: a phase 1 randomised trial. <i>Lancet Microbe</i> , The, 2021, 2, e429-e440.	3.4	27
22	Intestinal CD103+CD11b+ cDC2 Conventional Dendritic Cells Are Required for Primary CD4+ T and B Cell Responses to Soluble Flagellin. <i>Frontiers in Immunology</i> , 2018, 9, 2409.	2.2	26
23	Soluble flagellin coimmunization attenuates Th1 priming to Salmonella and clearance by modulating dendritic cell activation and cytokine production. <i>European Journal of Immunology</i> , 2015, 45, 2299-2311.	1.6	25
24	Antigen-Specific Mucosal Immunity Regulates Development of Intestinal Bacteria-Mediated Diseases. <i>Gastroenterology</i> , 2019, 157, 1530-1543.e4.	0.6	24
25	Dysbiotic Fecal Microbiome in HIV-1 Infected Individuals in Ghana. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 646467.	1.8	24
26	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. <i>Mucosal Immunology</i> , 2021, 14, 640-651.	2.7	22
27	Microsomal prostaglandin E synthase-1 promotes lung metastasis via SDF-1/CXCR4-mediated recruitment of CD11b+Gr1+MDSCs from bone marrow. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109581.	2.5	21
28	p53 Is a Host Cell Regulator during Herpes Simplex Encephalitis. <i>Journal of Virology</i> , 2016, 90, 6738-6745.	1.5	17
29	Intestinal microbiota link lymphopenia to murine autoimmunity via PD-1+CXCR5 <sup>hi</sup> /dim B-helper T cell induction. <i>Scientific Reports</i> , 2017, 7, 46037.	1.6	16
30	Microsomal prostaglandin E synthase-1 is a critical factor in dopaminergic neurodegeneration in Parkinson's disease. <i>Neurobiology of Disease</i> , 2019, 124, 81-92.	2.1	16
31	5-Azacytidine-induced Protein 2 (AZI2) Regulates Bone Mass by Fine-tuning Osteoclast Survival. <i>Journal of Biological Chemistry</i> , 2015, 290, 9377-9386.	1.6	13
32	Mucosal Mesenchymal Cells: Secondary Barrier and Peripheral Educator for the Gut Immune System. <i>Frontiers in Immunology</i> , 2017, 8, 1787.	2.2	13
33	DNA-Encoded Flagellin Activates Toll-Like Receptor 5 (TLR5), Nod-like Receptor Family CARD Domain-Containing Protein 4 (NRLC4), and Acts as an Epidermal, Systemic, and Mucosal-Adjuvant. <i>Vaccines</i> , 2013, 1, 415-443.	2.1	9
34	Generation of tumor antigen-specific murine CD8+ T cells with enhanced anti-tumor activity via highly efficient CRISPR/Cas9 genome editing. <i>International Immunology</i> , 2018, 30, 141-154.	1.8	9
35	Fecal Microbiome Composition in Healthy Adults in Ghana. <i>Japanese Journal of Infectious Diseases</i> , 2021, 74, 42-47.	0.5	9
36	Intestine and Innate Immunity. <i>Bioscience and Microflora</i> , 2009, 28, 69-74.	0.5	1

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37	Isolation and Functional Analysis of Lamina Propria Dendritic Cells from the Mouse Small Intestine. <i>Methods in Molecular Biology</i> , 2016, 1422, 181-188.	0.4	0
38	Neutrophils Modulate Osteoblastic Niche for Hematopoietic Progenitors Via Prostaglandin E2 Production Triggered By Sympathetic Nervous System. <i>Blood</i> , 2014, 124, 769-769.	0.6	0
39	Eosinophil depletion is a potential therapeutic strategy for radiation-induced fibrosis in the small intestine. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY78-4.	0.0	0