Jun Kunisawa

List of Publications by Year
in descending order

55	2,899	186265 28	182427 51
papers	citations	h-index	g-index

56	56	56	4716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Innate lymphoid cells regulate intestinal epithelial cell glycosylation. Science, 2014, 345, 1254009.	12.6	450
2	Extracellular ATP mediates mast cell-dependent intestinal inflammation through P2X7 purinoceptors. Nature Communications, 2012, 3, 1034.	12.8	243
3	Intraepithelial lymphocytes: their shared and divergent immunological behaviors in the small and large intestine. Immunological Reviews, 2007, 215, 136-153.	6.0	119
4	Gut-associated lymphoid tissues for the development of oral vaccines. Advanced Drug Delivery Reviews, 2012, 64, 523-530.	13.7	119
5	Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. Nature Communications, 2014, 5, 3492.	12.8	119
6	Immunological commonalities and distinctions between airway and digestive immunity. Trends in Immunology, 2008, 29, 505-513.	6.8	112
7	Dietary Ï‰3 fatty acid exerts anti-allergic effect through the conversion to 17,18-epoxyeicosatetraenoic acid in the gut. Scientific Reports, 2015, 5, 9750.	3.3	112
8	A Pivotal Role of Vitamin B9 in the Maintenance of Regulatory T Cells In Vitro and In Vivo. PLoS ONE, 2012, 7, e32094.	2.5	110
9	Mode of Bioenergetic Metabolism during B Cell Differentiation in the Intestine Determines the Distinct Requirement for Vitamin B1. Cell Reports, 2015, 13, 122-131.	6.4	96
10	Dietary and Microbial Metabolites in the Regulation of Host Immunity. Frontiers in Microbiology, 2017, 8, 2171.	3.5	87
11	Sphingosine 1-phosphate regulates peritoneal B-cell trafficking for subsequent intestinal IgA production. Blood, 2007, 109, 3749-3756.	1.4	86
12	The Enzyme Cyp26b1 Mediates Inhibition of Mast Cell Activation by Fibroblasts to Maintain Skin-Barrier Homeostasis. Immunity, 2014, 40, 530-541.	14.3	81
13	Ecto-Nucleoside Triphosphate Diphosphohydrolase 7 Controls Th17 Cell Responses through Regulation of Luminal ATP in the Small Intestine. Journal of Immunology, 2013, 190, 774-783.	0.8	73
14	Sphingosine 1-phosphate dependence in the regulation of lymphocyte trafficking to the gut epithelium. Journal of Experimental Medicine, 2007, 204, 2335-2348.	8.5	70
15	Lymphoid tissue-resident Alcaligenes LPS induces IgA production without excessive inflammatory responses via weak TLR4 agonist activity. Mucosal Immunology, 2018, 11, 693-702.	6.0	65
16	Microbe-dependent CD11b+ IgA+ plasma cells mediate robust early-phase intestinal IgA responses in mice. Nature Communications, 2013, 4, 1772.	12.8	59
17	Mucosa-Associated Lymphoid Tissues in the Aerodigestive Tract: Their Shared and Divergent Traits and Their Importance to the Orchestration of the Mucosal Immune System. Current Molecular Medicine, 2005, 5, 557-572.	1.3	57
18	The 17,18-epoxyeicosatetraenoic acidâ€“G proteinâ€“coupled receptor 40 axis ameliorates contact hypersensitivity by inhibiting neutrophil mobility in mice and cynomolgus macaques. Journal of Allergy and Clinical Immunology, 2018, 142, 470-484.e12.	2.9	55

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19	Regulation of Intestinal IgA Responses by Dietary Palmitic Acid and Its Metabolism. Journal of Immunology, 2014, 193, 1666-1671.	0.8	51
20	IL-22BP dictates characteristics of Peyerâ€™s patch follicle-associated epithelium for antigen uptake. Journal of Experimental Medicine, 2017, 214, 1607-1618.	8.5	51
21	Intranasal Immunization with DOTAP Cationic Liposomes Combined with DC-Cholesterol Induces Potent Antigen-Specific Mucosal and Systemic Immune Responses in Mice. PLoS ONE, 2015, 10, e0139785.	2.5	48
22	C-Terminal Clostridium perfringens Enterotoxin-Mediated Antigen Delivery for Nasal Pneumococcal Vaccine. PLoS ONE, 2015, 10, e0126352.	2.5	47
23	Role of Lactobacillus pentosus Strain b240 and the Toll-Like Receptor 2 Axis in Peyer's Patch Dendritic Cell-Mediated Immunoglobulin A Enhancement. PLoS ONE, 2014, 9, e91857.	2.5	41
24	Nasal vaccination with pneumococcal surface protein A in combination with cationic liposomes consisting of DOTAP and DC-chol confers antigen-mediated protective immunity against Streptococcus pneumoniae infections in mice. International Immunopharmacology, 2018, 61, 385-393.	3.8	41
25	Vaginal Memory T Cells Induced by Intranasal Vaccination Are Critical for Protective T Cell Recruitment and Prevention of Genital HSV-2 Disease. Journal of Virology, 2014, 88, 13699-13708.	3.4	34
26	Attachment of class B CpG ODN onto DOTAP/DC-chol liposome in nasal vaccine formulations augments antigen-specific immune responses in mice. BMC Research Notes, 2017, 10, 68.	1.4	33
27	Immunological Function of Sphingosine 1-Phosphate in the Intestine. Nutrients, 2012, 4, 154-166.	4.1	32
28	Alcaligenes is Commensal Bacteria Habituating in the Gut-Associated Lymphoid Tissue for the Regulation of Intestinal IgA Responses. Frontiers in Immunology, 2012, 3, 65.	4.8	29
29	Loss of Lymph Node Fibroblastic Reticular Cells and High Endothelial Cells Is Associated with Humoral Immunodeficiency in Mouse Graft-versus-Host Disease. Journal of Immunology, 2015, 194, 398-406.	0.8	27
30	IL-10-producing CD4+ T cells negatively regulate fucosylation of epithelial cells in the gut. Scientific Reports, 2015, 5, 15918.	3.3	26
31	The Specific Roles of Vitamins in the Regulation of Immunosurveillance and Maintenance of Immunologic Homeostasis in the Gut. Immune Network, 2017, 17, 13.	3.6	26
32	Microfold cell-dependent antigen transport alleviates infectious colitis by inducing antigen-specific cellular immunity. Mucosal Immunology, 2020, 13, 679-690.	6.0	26
33	Intestinal commensal microbiota and cytokines regulate Fut2⁺Paneth cells for gut defense. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	26
34	Sphingosine 1-phosphateâ€“dependent trafficking of peritoneal B cells requires functional NFÎºB-inducing kinase in stromal cells. Blood, 2008, 111, 4646-4652.	1.4	25
35	Immune regulation and monitoring at the epithelial surface of the intestine. Drug Discovery Today, 2013, 18, 87-92.	6.4	25
36	Peyerâ€™s Patches and Mesenteric Lymph Nodes Cooperatively Promote Enteropathy in a Mouse Model of Food Allergy. PLoS ONE, 2014, 9, e107492.	2.5	24

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37	Orally desensitized mast cells form a regulatory network with Treg cells for the control of food allergy. Mucosal Immunology, 2021, 14, 640-651.	6.0	22
38	Pathophysiological Role of Extracellular Purinergic Mediators in the Control of Intestinal Inflammation. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	17
39	Negative regulation of DSS-induced experimental colitis by PILRÎ±. International Immunology, 2015, 27, 307-314.	4.0	16
40	Aberrant Interaction of the Gut Immune System with Environmental Factors in the Development of Food Allergies. Current Allergy and Asthma Reports, 2010, 10, 215-221.	5.3	15
41	Peaceful Mutualism in the Gut: Revealing Key Commensal Bacteria for the Creation and Maintenance of Immunological Homeostasis. Cell Host and Microbe, 2011, 9, 83-84.	11.0	15
42	Intranasal administration of cationic liposomes enhanced granulocyteâ€“macrophage colony-stimulating factor expression and this expression is dispensable for mucosal adjuvant activity. BMC Research Notes, 2018, 11, 472.	1.4	14
43	Impact of the intestinal environment on the immune responses to vaccination. Vaccine, 2020, 38, 6959-6965.	3.8	12
44	Central Role of Core Binding Factor Î²2 in Mucosa-Associated Lymphoid Tissue Organogenesis in Mouse. PLoS ONE, 2015, 10, e0127460.	2.5	10
45	Polymeric Caffeic Acid Is a Safer Mucosal Adjuvant That Augments Antigen-Specific Mucosal and Systemic Immune Responses in Mice. Molecular Pharmaceutics, 2018, 15, 4226-4234.	4.6	8
46	Essential Role of Host Double-Stranded DNA Released from Dying Cells by Cationic Liposomes for Mucosal Adjuvanticity. Vaccines, 2020, 8, 8.	4.4	8
47	Clostridium perfringens enterotoxin-based protein engineering for the vaccine design and delivery system. Vaccine, 2019, 37, 6232-6239.	3.8	7
48	Enzymatically polymerised polyphenols prepared from various precursors potentiate antigen-specific immune responses in both mucosal and systemic compartments in mice. PLoS ONE, 2021, 16, e0246422.	2.5	5
49	Role of interleukin-6 in antigen-specific mucosal immunoglobulin A induction by cationic liposomes. International Immunopharmacology, 2021, 101, 108280.	3.8	4
50	The mucosal immune system for secretory IgA responses and mucosal vaccine development. Inflammation and Regeneration, 2010, 30, 40-47.	3.7	2
51	Lipopolysaccharide from Gutâ€Associated Lymphoidâ€Tissueâ€Resident Alcaligenes faecalis: Complete Structure Determination and Chemical Synthesis of Its Lipidâ€...A. Angewandte Chemie, 2021, 133, 10111-10119.	2.0	1
52	Development of antigen delivery system for mucosal vaccine. Drug Delivery System, 2018, 33, 43-49.	0.0	0
53	Influence of commensal bacteria on the induction of UEAâ€1 + NKMâ€16â€2â€4 + cells in small intestine. FASEB Journal, 2008, 22, 851.4.	0.5	0
54	Sphingosine 1â€phosphate regulates innate and acquired intestinal IgA production. FASEB Journal, 2008, 22, 853.17.	0.5	0

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55	Genesis of tear ductâ€associated lymphoid tissue is independent of Id2, RORÎ³t but requires CbfÎ²2 transcriptional regulator. FASEB Journal, 2008, 22, 845.1.	0.5	0