

Jun Kunisawa

List of Publications by Year in descending order

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55
papers

2,899
citations

186209

28
h-index

182361

51
g-index

56
all docs

56
docs citations

56
times ranked

4716
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate lymphoid cells regulate intestinal epithelial cell glycosylation. <i>Science</i> , 2014, 345, 1254009.	6.0	450
2	Extracellular ATP mediates mast cell-dependent intestinal inflammation through P2X7 purinoceptors. <i>Nature Communications</i> , 2012, 3, 1034.	5.8	243
3	Intraepithelial lymphocytes: their shared and divergent immunological behaviors in the small and large intestine. <i>Immunological Reviews</i> , 2007, 215, 136-153.	2.8	119
4	Gut-associated lymphoid tissues for the development of oral vaccines. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 523-530.	6.6	119
5	Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. <i>Nature Communications</i> , 2014, 5, 3492.	5.8	119
6	Immunological commonalities and distinctions between airway and digestive immunity. <i>Trends in Immunology</i> , 2008, 29, 505-513.	2.9	112
7	Dietary ω 3 fatty acid exerts anti-allergic effect through the conversion to 17,18-epoxyeicosatetraenoic acid in the gut. <i>Scientific Reports</i> , 2015, 5, 9750.	1.6	112
8	A Pivotal Role of Vitamin B9 in the Maintenance of Regulatory T Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2012, 7, e32094.	1.1	110
9	Mode of Bioenergetic Metabolism during B Cell Differentiation in the Intestine Determines the Distinct Requirement for Vitamin B1. <i>Cell Reports</i> , 2015, 13, 122-131.	2.9	96
10	Dietary and Microbial Metabolites in the Regulation of Host Immunity. <i>Frontiers in Microbiology</i> , 2017, 8, 2171.	1.5	87
11	Sphingosine 1-phosphate regulates peritoneal B-cell trafficking for subsequent intestinal IgA production. <i>Blood</i> , 2007, 109, 3749-3756.	0.6	86
12	The Enzyme Cyp26b1 Mediates Inhibition of Mast Cell Activation by Fibroblasts to Maintain Skin-Barrier Homeostasis. <i>Immunity</i> , 2014, 40, 530-541.	6.6	81
13	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.	0.4	73
14	Sphingosine 1-phosphate dependence in the regulation of lymphocyte trafficking to the gut epithelium. <i>Journal of Experimental Medicine</i> , 2007, 204, 2335-2348.	4.2	70
15	Lymphoid tissue-resident <i>Alcaligenes</i> LPS induces IgA production without excessive inflammatory responses via weak TLR4 agonist activity. <i>Mucosal Immunology</i> , 2018, 11, 693-702.	2.7	65
16	Microbe-dependent CD11b+ IgA+ plasma cells mediate robust early-phase intestinal IgA responses in mice. <i>Nature Communications</i> , 2013, 4, 1772.	5.8	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. <i>Current Molecular Medicine</i> , 2005, 5, 557-572.	0.6	57
18	The 17,18-epoxyeicosatetraenoic acid-G protein-coupled receptor 40 axis ameliorates contact hypersensitivity by inhibiting neutrophil mobility in mice and cynomolgus macaques. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 470-484.e12.	1.5	55

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19	Regulation of Intestinal IgA Responses by Dietary Palmitic Acid and Its Metabolism. <i>Journal of Immunology</i> , 2014, 193, 1666-1671.	0.4	51
20	IL-22BP dictates characteristics of Peyer's patch follicle-associated epithelium for antigen uptake. <i>Journal of Experimental Medicine</i> , 2017, 214, 1607-1618.	4.2	51
21	Intranasal Immunization with DOTAP Cationic Liposomes Combined with DC-Cholesterol Induces Potent Antigen-Specific Mucosal and Systemic Immune Responses in Mice. <i>PLoS ONE</i> , 2015, 10, e0139785.	1.1	48
22	C-Terminal Clostridium perfringens Enterotoxin-Mediated Antigen Delivery for Nasal Pneumococcal Vaccine. <i>PLoS ONE</i> , 2015, 10, e0126352.	1.1	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. <i>PLoS ONE</i> , 2014, 9, e91857.	1.1	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. <i>International Immunopharmacology</i> , 2018, 61, 385-393.	1.7	41
25	Vaginal Memory T Cells Induced by Intranasal Vaccination Are Critical for Protective T Cell Recruitment and Prevention of Genital HSV-2 Disease. <i>Journal of Virology</i> , 2014, 88, 13699-13708.	1.5	34
26	Attachment of class B CpG ODN onto DOTAP/DC-chol liposome in nasal vaccine formulations augments antigen-specific immune responses in mice. <i>BMC Research Notes</i> , 2017, 10, 68.	0.6	33
27	Immunological Function of Sphingosine 1-Phosphate in the Intestine. <i>Nutrients</i> , 2012, 4, 154-166.	1.7	32
28	Alcaligenes is Commensal Bacteria Habituating in the Gut-Associated Lymphoid Tissue for the Regulation of Intestinal IgA Responses. <i>Frontiers in Immunology</i> , 2012, 3, 65.	2.2	29
29	Loss of Lymph Node Fibroblastic Reticular Cells and High Endothelial Cells Is Associated with Humoral Immunodeficiency in Mouse Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2015, 194, 398-406.	0.4	27
30	IL-10-producing CD4+ T cells negatively regulate fucosylation of epithelial cells in the gut. <i>Scientific Reports</i> , 2015, 5, 15918.	1.6	26
31	The Specific Roles of Vitamins in the Regulation of Immunosurveillance and Maintenance of Immunologic Homeostasis in the Gut. <i>Immune Network</i> , 2017, 17, 13.	1.6	26
32	Microfold cell-dependent antigen transport alleviates infectious colitis by inducing antigen-specific cellular immunity. <i>Mucosal Immunology</i> , 2020, 13, 679-690.	2.7	26
33	Intestinal commensal microbiota and cytokines regulate Fut2 ⁺ Paneth cells for gut defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	26
34	Sphingosine 1-phosphate-dependent trafficking of peritoneal B cells requires functional NF- κ B-inducing kinase in stromal cells. <i>Blood</i> , 2008, 111, 4646-4652.	0.6	25
35	Immune regulation and monitoring at the epithelial surface of the intestine. <i>Drug Discovery Today</i> , 2013, 18, 87-92.	3.2	25
36	Peyer's Patches and Mesenteric Lymph Nodes Cooperatively Promote Enteropathy in a Mouse Model of Food Allergy. <i>PLoS ONE</i> , 2014, 9, e107492.	1.1	24

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37	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
38	Pathophysiological Role of Extracellular Purinergic Mediators in the Control of Intestinal Inflammation. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8.	1.4	17
39	Negative regulation of DSS-induced experimental colitis by PILRÎ±. <i>International Immunology</i> , 2015, 27, 307-314.	1.8	16
40	Aberrant Interaction of the Gut Immune System with Environmental Factors in the Development of Food Allergies. <i>Current Allergy and Asthma Reports</i> , 2010, 10, 215-221.	2.4	15
41	Peaceful Mutualism in the Gut: Revealing Key Commensal Bacteria for the Creation and Maintenance of Immunological Homeostasis. <i>Cell Host and Microbe</i> , 2011, 9, 83-84.	5.1	15
42	Intranasal administration of cationic liposomes enhanced granulocyteâ€“macrophage colony-stimulating factor expression and this expression is dispensable for mucosal adjuvant activity. <i>BMC Research Notes</i> , 2018, 11, 472.	0.6	14
43	Impact of the intestinal environment on the immune responses to vaccination. <i>Vaccine</i> , 2020, 38, 6959-6965.	1.7	12
44	Central Role of Core Binding Factor Î²2 in Mucosa-Associated Lymphoid Tissue Organogenesis in Mouse. <i>PLoS ONE</i> , 2015, 10, e0127460.	1.1	10
45	Polymeric Caffeic Acid Is a Safer Mucosal Adjuvant That Augments Antigen-Specific Mucosal and Systemic Immune Responses in Mice. <i>Molecular Pharmaceutics</i> , 2018, 15, 4226-4234.	2.3	8
46	Essential Role of Host Double-Stranded DNA Released from Dying Cells by Cationic Liposomes for Mucosal Adjuvanticity. <i>Vaccines</i> , 2020, 8, 8.	2.1	8
47	<i>Clostridium perfringens</i> enterotoxin-based protein engineering for the vaccine design and delivery system. <i>Vaccine</i> , 2019, 37, 6232-6239.	1.7	7
48	Enzymatically polymerised polyphenols prepared from various precursors potentiate antigen-specific immune responses in both mucosal and systemic compartments in mice. <i>PLoS ONE</i> , 2021, 16, e0246422.	1.1	5
49	Role of interleukin-6 in antigen-specific mucosal immunoglobulin A induction by cationic liposomes. <i>International Immunopharmacology</i> , 2021, 101, 108280.	1.7	4
50	The mucosal immune system for secretory IgA responses and mucosal vaccine development. <i>Inflammation and Regeneration</i> , 2010, 30, 40-47.	1.5	2
51	Lipopolysaccharide from Gut-Associated Lymphoid Tissue Resident <i>Alcaligenes faecalis</i> : Complete Structure Determination and Chemical Synthesis of Its Lipid...A. <i>Angewandte Chemie</i> , 2021, 133, 10111-10119. ^{1.6}	1.6	1
52	Development of antigen delivery system for mucosal vaccine. <i>Drug Delivery System</i> , 2018, 33, 43-49.	0.0	0
53	Influence of commensal bacteria on the induction of UEAÎ± + NKMÎ±16Î±2Î±4 + cells in small intestine. <i>FASEB Journal</i> , 2008, 22, 851.4.	0.2	0
54	Sphingosine 1-phosphate regulates innate and acquired intestinal IgA production. <i>FASEB Journal</i> , 2008, 22, 853.17.	0.2	0

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55	Genesis of tear duct-associated lymphoid tissue is independent of Id2, ROR γ t but requires Cbfb β 2 transcriptional regulator. FASEB Journal, 2008, 22, 845.1.	0.2	0