

Jun Kunisawa

List of Publications by Year in descending order

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Version: 2024-02-01

137
papers

7,743
citations

46918

47
h-index

56606

83
g-index

143
all docs

143
docs citations

143
times ranked

10189
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate Lymphoid Cells Promote Anatomical Containment of Lymphoid-Resident Commensal Bacteria. <i>Science</i> , 2012, 336, 1321-1325.	6.0	638
2	Innate lymphoid cells regulate intestinal epithelial cell glycosylation. <i>Science</i> , 2014, 345, 1254009.	6.0	450
3	Intestinal villous M cells: An antigen entry site in the mucosal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6110-6115.	3.3	423
4	A macromolecular delivery vehicle for protein-based vaccines: Acid-degradable protein-loaded microgels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4995-5000.	3.3	382
5	Metabolism of Dietary and Microbial Vitamin B Family in the Regulation of Host Immunity. <i>Frontiers in Nutrition</i> , 2019, 6, 48.	1.6	332
6	Polyunsaturated fatty acid saturation by gut lactic acid bacteria affecting host lipid composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17808-17813.	3.3	305
7	Indigenous opportunistic bacteria inhabit mammalian gut-associated lymphoid tissues and share a mucosal antibody-mediated symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7419-7424.	3.3	197
8	Positively charged liposome functions as an efficient immunoadjuvant in inducing cell-mediated immune response to soluble proteins. <i>Journal of Controlled Release</i> , 1999, 61, 233-240.	4.8	142
9	Lymphoid-Tissue-Resident Commensal Bacteria Promote Members of the IL-10 Cytokine Family to Establish Mutualism. <i>Immunity</i> , 2016, 44, 634-646.	6.6	126
10	Development of Mature and Functional Human Myeloid Subsets in Hematopoietic Stem Cell-Engrafted NOD/SCID/IL2r β KO Mice. <i>Journal of Immunology</i> , 2012, 188, 6145-6155.	0.4	124
11	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
12	Gut-associated lymphoid tissues for the development of oral vaccines. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 523-530.	6.6	119
13	All the peptides that fit: the beginning, the middle, and the end of the MHC class I antigen-processing pathway. <i>Immunological Reviews</i> , 2005, 207, 31-41.	2.8	114
14	Dietary Folic Acid Promotes Survival of Foxp3+ Regulatory T Cells in the Colon. <i>Journal of Immunology</i> , 2012, 189, 2869-2878.	0.4	114
15	Immunological commonalities and distinctions between airway and digestive immunity. <i>Trends in Immunology</i> , 2008, 29, 505-513.	2.9	112
16	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
17	Inhaled Fine Particles Induce Alveolar Macrophage Death and Interleukin-1 β Release to Promote Inducible Bronchus-Associated Lymphoid Tissue Formation. <i>Immunity</i> , 2016, 45, 1299-1310.	6.6	110
18	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

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19	Hsp90 \pm Chaperones Large C-Terminally Extended Proteolytic Intermediates in the MHC Class I Antigen Processing Pathway. <i>Immunity</i> , 2006, 24, 523-534.	6.6	109
20	Positively Charged Liposome Functions as an Efficient Immunoadjuvant in Inducing Immune Responses to Soluble Proteins. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 793-797.	1.0	108
21	Obesity Suppresses Cell-Competition-Mediated Apical Elimination of RasV12-Transformed Cells from Epithelial Tissues. <i>Cell Reports</i> , 2018, 23, 974-982.	2.9	101
22	Membrane-bound human SCF/KL promotes in vivo human hematopoietic engraftment and myeloid differentiation. <i>Blood</i> , 2012, 119, 2768-2777.	0.6	96
23	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
24	The Airway Antigen Sampling System: Respiratory M Cells as an Alternative Gateway for Inhaled Antigens. <i>Journal of Immunology</i> , 2011, 186, 4253-4262.	0.4	91
25	Fusogenic liposome delivers encapsulated nanoparticles for cytosolic controlled gene release. <i>Journal of Controlled Release</i> , 2005, 105, 344-353.	4.8	89
26	Dietary and Microbial Metabolites in the Regulation of Host Immunity. <i>Frontiers in Microbiology</i> , 2017, 8, 2171.	1.5	87
27	Sphingosine 1-phosphate regulates peritoneal B-cell trafficking for subsequent intestinal IgA production. <i>Blood</i> , 2007, 109, 3749-3756.	0.6	86
28	The Group II Chaperonin TRiC Protects Proteolytic Intermediates from Degradation in the MHC Class I Antigen Processing Pathway. <i>Molecular Cell</i> , 2003, 12, 565-576.	4.5	85
29	HIV Mucosal Vaccine: Nasal Immunization with gp160-Encapsulated Hemagglutinating Virus of Japan-Liposome Induces Antigen-Specific CTLs and Neutralizing Antibody Responses. <i>Journal of Immunology</i> , 2003, 170, 495-502.	0.4	82
30	Acid-Degradable Particles for Protein-Based Vaccines: Enhanced Survival Rate for Tumor-Challenged Mice Using Ovalbumin Model. <i>Bioconjugate Chemistry</i> , 2004, 15, 1281-1288.	1.8	82
31	Sphingosine 1-Phosphate Regulates the Egress of IgA Plasmablasts from Peyer's Patches for Intestinal IgA Responses. <i>Journal of Immunology</i> , 2008, 180, 5335-5343.	0.4	82
32	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
33	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
34	Gut microbiome, metabolome, and allergic diseases. <i>Allergology International</i> , 2017, 66, 523-528.	1.4	70
35	Id2-, ROR γ t-, and LT β R-independent initiation of lymphoid organogenesis in ocular immunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 2351-2364.	4.2	66
36	Mucin O-glycans facilitate symbiosynthesis to maintain gut immune homeostasis. <i>EBioMedicine</i> , 2019, 48, 513-525.	2.7	66

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37	High fat diet exacerbates murine psoriatic dermatitis by increasing the number of IL-17-producing $\hat{\text{I}}^{\text{3}}\hat{\text{T}}$ cells. <i>Scientific Reports</i> , 2017, 7, 14076.	1.6	65
38	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
39	Fusogenic liposomes efficiently deliver exogenous antigen through the cytoplasm into the MHC class I processing pathway. <i>European Journal of Immunology</i> , 2000, 30, 1740-1747.	1.6	63
40	Pharmacotherapy by intracellular delivery of drugs using fusogenic liposomes: application to vaccine development. <i>Advanced Drug Delivery Reviews</i> , 2001, 52, 177-186.	6.6	62
41	Sendai Virus Fusion Protein-Mediates Simultaneous Induction of MHC Class I/II-Dependent Mucosal and Systemic Immune Responses Via the Nasopharyngeal-Associated Lymphoreticular Tissue Immune System. <i>Journal of Immunology</i> , 2001, 167, 1406-1412.	0.4	59
42	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
43	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
44	Vitamin-Mediated Regulation of Intestinal Immunity. <i>Frontiers in Immunology</i> , 2013, 4, 189.	2.2	56
45	The 17,18-epoxyeicosatetraenoic acid $\hat{\text{C}}$ protein $\hat{\text{C}}$ -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
46	Method for preparing DNA from feces in guanidine thiocyanate solution affects 16S rRNA-based profiling of human microbiota diversity. <i>Scientific Reports</i> , 2017, 7, 4339.	1.6	53
47	Regulation of Intestinal IgA Responses by Dietary Palmitic Acid and Its Metabolism. <i>Journal of Immunology</i> , 2014, 193, 1666-1671.	0.4	51
48	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
49	C-Terminal <i>Clostridium perfringens</i> Enterotoxin-Mediated Antigen Delivery for Nasal Pneumococcal Vaccine. <i>PLoS ONE</i> , 2015, 10, e0126352.	1.1	47
50	Role of <i>Lactobacillus pentosus</i> 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
51	Nasal vaccination with pneumococcal surface protein A in combination with cationic liposomes consisting of DOTAP and DC-chol confers antigen-mediated protective immunity against <i>Streptococcus pneumoniae</i> infections in mice. <i>International Immunopharmacology</i> , 2018, 61, 385-393.	1.7	41
52	Lack of antigen-specific immune responses in anti-IL-7 receptor $\hat{\text{I}}^{\text{z}}$ chain antibody-treated Peyer's patch-null mice following intestinal immunization with microencapsulated antigen. <i>European Journal of Immunology</i> , 2002, 32, 2347.	1.6	40
53	IgA-enhancing effects of membrane vesicles derived from <i>Lactobacillus sakei</i> ; subsp. <i>sakei</i> ; NBRC15893. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 23-29.	0.8	40
54	Dietary Omega-3 Fatty Acid Dampens Allergic Rhinitis via Eosinophilic Production of the Anti-Allergic Lipid Mediator 15-Hydroxyeicosapentaenoic Acid in Mice. <i>Nutrients</i> , 2019, 11, 2868.	1.7	37

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55	Characterization of mucoadhesive microspheres for the induction of mucosal and systemic immune responses. <i>Vaccine</i> , 2000, 19, 589-594.	1.7	34
56	Metabolic changes during B cell differentiation for the production of intestinal IgA antibody. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1503-1509.	2.4	34
57	Fatty acid metabolism in the host and commensal bacteria for the control of intestinal immune responses and diseases. <i>Gut Microbes</i> , 2020, 11, 276-284.	4.3	33
58	Immunological Function of Sphingosine 1-Phosphate in the Intestine. <i>Nutrients</i> , 2012, 4, 154-166.	1.7	32
59	Host- and Microbe-Dependent Dietary Lipid Metabolism in the Control of Allergy, Inflammation, and Immunity. <i>Frontiers in Nutrition</i> , 2019, 6, 36.	1.6	32
60	Emerging roles of metabolites of ω 3 and ω 6 essential fatty acids in the control of intestinal inflammation. <i>International Immunology</i> , 2019, 31, 569-577.	1.8	32
61	Gut microbiota modification suppresses the development of pulmonary arterial hypertension in an SU5416/hypoxia rat model. <i>Pulmonary Circulation</i> , 2020, 10, 1-10.	0.8	32
62	Gut microbial composition in patients with atrial fibrillation: effects of diet and drugs. <i>Heart and Vessels</i> , 2021, 36, 105-114.	0.5	31
63	Comprehensive analysis of gut microbiota of a healthy population and covariates affecting microbial variation in two large Japanese cohorts. <i>BMC Microbiology</i> , 2021, 21, 151.	1.3	30
64	<i>Alcaligenes</i> 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
65	BLT1 mediates commensal bacteria-dependent innate immune signals to enhance antigen-specific intestinal IgA responses. <i>Mucosal Immunology</i> , 2019, 12, 1082-1091.	2.7	29
66	Analysis of oral microbiota in Japanese oral cancer patients using 16S rRNA sequencing. <i>Journal of Oral Biosciences</i> , 2019, 61, 120-128.	0.8	29
67	A Novel Vaccine Delivery System Using Immunopotentiating Fusogenic Liposomes. <i>Biochemical and Biophysical Research Communications</i> , 1999, 261, 824-828.	1.0	28
68	Mast cells play role in wound healing through the ZnT2/GPR39/IL-6 axis. <i>Scientific Reports</i> , 2019, 9, 10842.	1.6	28
69	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
70	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
71	Lipopolysaccharide from Gut-Associated Lymphoid Tissue-Resident <i>Alcaligenes faecalis</i> : Complete Structure Determination and Chemical Synthesis of Its Lipid...A. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10023-10031.	7.2	26
72	Vitamin-mediated immune regulation in the development of inflammatory diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2015, 15, 212-215.	0.6	26

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73	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
74	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
75	Immune regulation and monitoring at the epithelial surface of the intestine. <i>Drug Discovery Today</i> , 2013, 18, 87-92.	3.2	25
76	Group IIA secreted phospholipase A2 controls skin carcinogenesis and psoriasis by shaping the gut microbiota. <i>JCI Insight</i> , 2022, 7, .	2.3	24
77	Biological role of Ep-CAM in the physical interaction between epithelial cells and lymphocytes in intestinal epithelium. <i>Clinical Immunology</i> , 2004, 113, 326-339.	1.4	23
78	Diversity of energy metabolism in immune responses regulated by micro-organisms and dietary nutrition. <i>International Immunology</i> , 2020, 32, 447-454.	1.8	22
79	12-Hydroxyeicosapentaenoic acid inhibits foam cell formation and ameliorates high-fat diet-induced pathology of atherosclerosis in mice. <i>Scientific Reports</i> , 2021, 11, 10426.	1.6	19
80	Nutritional components regulate the gut immune system and its association with intestinal immune disease development. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 18-24.	1.4	18
81	Adjuvant Activity of Synthetic Lipid A of <i>Alcaligenes</i> , a Gut-Associated Lymphoid Tissue-Resident Commensal Bacterium, to Augment Antigen-Specific IgG and Th17 Responses in Systemic Vaccine. <i>Vaccines</i> , 2020, 8, 395.	2.1	18
82	ω 3 fatty acid metabolite, 12 α -hydroxyeicosapentaenoic acid, alleviates contact hypersensitivity by downregulation of <i>CXCL1</i> and <i>CXCL2</i> gene expression in keratinocytes via retinoid X receptor β . <i>FASEB Journal</i> , 2021, 35, e21354.	0.2	18
83	Effects of the oral adsorbent AST-120 on fecal p-cresol and indole levels and on the gut microbiota composition. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 773-779.	1.0	17
84	Characterization and Demonstration of Mock Communities as Control Reagents for Accurate Human Microbiome Community Measurements. <i>Microbiology Spectrum</i> , 2022, 10, e0191521.	1.2	17
85	Chemically Synthesized <i>Alcaligenes</i> Lipid A Shows a Potent and Safe Nasal Vaccine Adjuvant Activity for the Induction of <i>Streptococcus pneumoniae</i> -Specific IgA and Th17 Mediated Protective Immunity. <i>Microorganisms</i> , 2020, 8, 1102.	1.6	16
86	Mother-to-infant transmission of the carcinogenic colibactin-producing bacteria. <i>BMC Microbiology</i> , 2021, 21, 235.	1.3	16
87	Intestinal microbe-dependent ω 3 lipid metabolite β -KetoA prevents inflammatory diseases in mice and cynomolgus macaques. <i>Mucosal Immunology</i> , 2022, 15, 289-300.	2.7	16
88	Creation of a Claudin-2 Binder and Its Tight Junction-Modulating Activity in a Human Intestinal Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 444-451.	1.3	15
89	Mechanisms underlying enhanced IgA production in Peyer's patch cells by membrane vesicles derived from <i>Lactobacillus sakei</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1536-1545.	0.6	15
90	Lymphoid Tissue-Resident <i>Alcaligenes</i> Establish an Intracellular Symbiotic Environment by Creating a Unique Energy Shift in Dendritic Cells. <i>Frontiers in Microbiology</i> , 2020, 11, 561005.	1.5	15

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91	Development of Adjuvant-Free Bivalent Food Poisoning Vaccine by Augmenting the Antigenicity of Clostridium perfringens Enterotoxin. <i>Frontiers in Immunology</i> , 2018, 9, 2320.	2.2	14
92	Immunological association of inducible bronchus-associated lymphoid tissue organogenesis in Ag85B-rHPIV2 vaccine-induced anti-tuberculosis mucosal immune responses in mice. <i>International Immunology</i> , 2018, 30, 471-481.	1.8	14
93	Vitamin B1 Supports the Differentiation of T Cells through TGF- β 2 Superfamily Production in Thymic Stromal Cells. <i>IScience</i> , 2020, 23, 101426.	1.9	14
94	Enzymatically synthesized exopolysaccharide of a probiotic strain <i>Leuconostoc mesenteroides</i> NTM048 shows adjuvant activity to promote IgA antibody responses. <i>Gut Microbes</i> , 2021, 13, 1949097.	4.3	14
95	Dietary Vitamin B1 Intake Influences Gut Microbial Community and the Consequent Production of Short-Chain Fatty Acids. <i>Nutrients</i> , 2022, 14, 2078.	1.7	14
96	Sphingolipids and Epoxidized Lipid Metabolites in the Control of Gut Immunosurveillance and Allergy. <i>Frontiers in Nutrition</i> , 2016, 3, 3.	1.6	13
97	Selective expression of claudin-5 in thymic endothelial cells regulates the blood-thymus barrier and T-cell export. <i>International Immunology</i> , 2021, 33, 171-182.	1.8	13
98	Association of <i>Escherichia coli</i> containing polyketide synthase in the gut microbiota with colorectal neoplasia in Japan. <i>Cancer Science</i> , 2022, 113, 277-286.	1.7	13
99	Development of a bivalent food poisoning vaccine: augmented antigenicity of the C-terminus of <i>Clostridium perfringens</i> enterotoxin by fusion with the B subunit of <i>Escherichia coli</i> Shiga toxin 2. <i>International Immunology</i> , 2019, 31, 91-100.	1.8	12
100	Impact of the intestinal environment on the immune responses to vaccination. <i>Vaccine</i> , 2020, 38, 6959-6965.	1.7	12
101	Impaired airway mucociliary function reduces antigen-specific IgA immune response to immunization with a claudin-4-targeting nasal vaccine in mice. <i>Scientific Reports</i> , 2018, 8, 2904.	1.6	11
102	Immunostimulatory effect on dendritic cells of the adjuvant-active exopolysaccharide from <i>Leuconostoc mesenteroides</i> strain NTM048. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1647-1651.	0.6	11
103	Dietary coconut oil ameliorates skin contact hypersensitivity through mead acid production in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1522-1532.	2.7	11
104	17(S),18(R)-epoxyeicosatetraenoic acid generated by cytochrome P450 BM-3 from <i>Bacillus megaterium</i> inhibits the development of contact hypersensitivity via G-protein-coupled receptor 40-mediated neutrophil suppression. <i>FASEB BioAdvances</i> , 2020, 2, 59-71.	1.3	11
105	Central Role of Core Binding Factor β 2 in Mucosa-Associated Lymphoid Tissue Organogenesis in Mouse. <i>PLoS ONE</i> , 2015, 10, e0127460.	1.1	10
106	Maternal ω -3 docosapentaenoic acid inhibits infant allergic dermatitis through TRAIL-expressing plasmacytoid dendritic cells in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1939-1955.	2.7	10
107	Relationship between Nutrient Intake and Human Gut Microbiota in Monozygotic Twins. <i>Medicina (Lithuania)</i> , 2021, 57, 275.	0.8	8
108	Classification of the Occurrence of Dyslipidemia Based on Gut Bacteria Related to Barley Intake. <i>Frontiers in Nutrition</i> , 2022, 9, 812469.	1.6	8

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109	Altered gut microbiota and its association with inflammation in patients with chronic thromboembolic pulmonary hypertension: a single-center observational study in Japan. <i>BMC Pulmonary Medicine</i> , 2022, 22, 138.	0.8	8
110	Critical Role of Dendritic Cells in T Cell Retention in the Interfollicular Region of Peyer's Patches. <i>Journal of Immunology</i> , 2013, 191, 942-948.	0.4	7
111	<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
112	Role of salivary microbiome in IL-10 production and efficacy of sublingual immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2617-2620.	2.7	7
113	Lipopolysaccharide Derived From the Lymphoid-Resident Commensal Bacteria <i>Alcaligenes faecalis</i> Functions as an Effective Nasal Adjuvant to Augment IgA Antibody and Th17 Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 699349.	2.2	7
114	Effects of Malted Rice Amazake on Constipation Symptoms and Gut Microbiota in Children and Adults with Severe Motor and Intellectual Disabilities: A Pilot Study. <i>Nutrients</i> , 2021, 13, 4466.	1.7	7
115	Persistent colonization of non-lymphoid tissue-resident macrophages by <i>Stenotrophomonas maltophilia</i> . <i>International Immunology</i> , 2020, 32, 133-141.	1.8	6
116	Vitamins Mediate Immunological Homeostasis and Diseases at the Surface of the Body. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2015, 15, 25-30.	0.6	6
117	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. <i>PLoS ONE</i> , 2020, 15, e0243609.	1.1	6
118	Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study. <i>BMC Nutrition</i> , 2022, 8, 23.	0.6	6
119	Impaired mucociliary motility enhances antigen-specific nasal IgA immune responses to a cholera toxin-based nasal vaccine. <i>International Immunology</i> , 2020, 32, 559-568.	1.8	5
120	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
121	Polymeric Caffeic Acid Acts as a Nasal Vaccine Formulation against <i>Streptococcus pneumoniae</i> Infections in Mice. <i>Pharmaceutics</i> , 2021, 13, 585.	2.0	5
122	The Gut Microbiome as a Biomarker of Cancer Progression Among Female Never-smokers With Lung Adenocarcinoma. <i>Anticancer Research</i> , 2022, 42, 1589-1598.	0.5	5
123	Stool pattern is associated with not only the prevalence of tumorigenic bacteria isolated from fecal matter but also plasma and fecal fatty acids in healthy Japanese adults. <i>BMC Microbiology</i> , 2021, 21, 196.	1.3	4
124	Chemically Synthesized <i>Alcaligenes</i> Lipid A as an Adjuvant to Augment Immune Responses to <i>Haemophilus influenzae</i> Type B Conjugate Vaccine. <i>Frontiers in Pharmacology</i> , 2021, 12, 763657.	1.6	4
125	Categorization of the Ocular Microbiome in Japanese Stevens-Johnson Syndrome Patients With Severe Ocular Complications. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 741654.	1.8	3
126	Mucosal SIgA Enhancement: Development of Safe and Effective Mucosal Adjuvants and Mucosal Antigen Delivery Vehicles. , 2007, , 345-389.		2

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127	Analysis of Intestinal T Cell Populations and Cytokine Productions. <i>Methods in Microbiology</i> , 2010, , 183-193.	0.4	1
128	Lipopolysaccharide from Gut-Associated Lymphoid Tissue-Resident <i>Alcaligenes faecalis</i> : Complete Structure Determination and Chemical Synthesis of Its Lipid... <i>A. Angewandte Chemie</i> , 2021, 133, 10111-10119. ^{1.6}	1.6	1
129	Influence of Dietary Components and Commensal Bacteria on the Control of Mucosal Immunity. , 2020, , 203-211.		0
130	Drug delivery systems for the development of prospective mucosal vaccine. <i>Drug Delivery System</i> , 2008, 23, 116-122.	0.0	0
131	Immune regulation, inflammation, and vaccine adjuvant by using lymphoid tissue-resident commensal bacteria. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 1-S10-1.	0.0	0
132	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
133	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
134	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
135	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
136	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0
137	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data. , 2020, 15, e0243609.		0