Myoung Ho Jang

List of Publications by Year
in descending order

61	7,207	109137 35	114278 63
papers	citations	h-index	g-index

63	63	63	11376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1Î² production. Nature, 2008, 456, 264-268.	13.7	1,837
2	Regulation of humoral and cellular gut immunity by lamina propria dendritic cells expressing Toll-like receptor 5. Nature Immunology, 2008, 9, 769-776.	7.0	668
3	Intestinal villous M cells: An antigen entry site in the mucosal epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6110-6115.	3.3	423
4	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. Nature Immunology, 2006, 7, 868-874.	7.0	399
5	CCR7 Is Critically Important for Migration of Dendritic Cells in Intestinal Lamina Propria to Mesenteric Lymph Nodes. Journal of Immunology, 2006, 176, 803-810.	0.4	381
6	Functional Characterization of Two Type III Secretion Systems of Vibrio parahaemolyticus. Infection and Immunity, 2004, 72, 6659-6665.	1.0	363
7	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon-Î². Immunity, 2013, 38, 1187-1197.	6.6	176
8	IgA Class Switch Occurs in the Organized Nasopharynx- and Gut-Associated Lymphoid Tissue, but Not in the Diffuse Lamina Propria of Airways and Gut. Journal of Immunology, 2004, 172, 6259-6264.	0.4	171
9	Involvement of the NLRP3 Inflammasome in Innate and Humoral Adaptive Immune Responses to Fungal Î²-Glucan. Journal of Immunology, 2009, 183, 8061-8067.	0.4	146
10	Intracellularly Expressed TLR2s and TLR4s Contribution to an Immunosilent Environment at the Ocular Mucosal Epithelium. Journal of Immunology, 2004, 173, 3337-3347.	0.4	143
11	Extracellular vesicleâ€“derived protein from Bifidobacterium longum alleviates food allergy through mast cell suppression. Journal of Allergy and Clinical Immunology, 2016, 137, 507-516.e8.	1.5	132
12	<scp>S</scp>taphylococcus aureusâ€derived extracellular vesicles induce neutrophilic pulmonary inflammation via both <scp>T</scp>h1 and <scp>T</scp>h17 cell responses. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1271-1281.	2.7	126
13	Cytotoxicity and Enterotoxicity of the Thermostable Direct HemolysinâEDeletion Mutants of Vibrio parahaemolyticus. Microbiology and Immunology, 2004, 48, 313-318.	0.7	117
14	Quantitative analysis of polyvinyl alcohol on the surface of poly(d,l-lactide-co-glycolide) microparticles prepared by solvent evaporation method: effect of particle size and PVA concentration. Journal of Controlled Release, 1999, 59, 123-132.	4.8	113
15	CXCL12 secreted from adipose tissue recruits macrophages and induces insulin resistance in mice. Diabetologia, 2014, 57, 1456-1465.	2.9	104
16	Poly I:C-Induced Activation of NK Cells by CD8Î±+ Dendritic Cells via the IPS-1 and TRIF-Dependent Pathways. Journal of Immunology, 2009, 183, 2522-2528.	0.4	100
17	IL-15-Dependent Activation-Induced Cell Death-Resistant Th1 Type CD8Î±Î²+NK1.1+ T Cells for the Development of Small Intestinal Inflammation. Journal of Immunology, 2002, 169, 460-468.	0.4	95
18	Protective effects of Fc-fused PD-L1 on two different animal models of colitis. Gut, 2015, 64, 260-271.	6.1	94

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19	Small intestinal eosinophils regulate Th17 cells by producing IL-1 receptor antagonist. Journal of Experimental Medicine, 2016, 213, 555-567.	4.2	86
20	Gut-Specific Delivery of T-Helper 17 Cells Reduces Obesity andÂInsulin Resistance in Mice. Gastroenterology, 2017, 152, 1998-2010.	0.6	85
21	Pulmonary Inflammation Induced by Bacteria-Free Outer Membrane Vesicles from Pseudomonas aeruginosa. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 637-645.	1.4	75
22	Binding of Lymphoid Chemokines to Collagen IV That Accumulates in the Basal Lamina of High Endothelial Venules: Its Implications in Lymphocyte Trafficking. Journal of Immunology, 2007, 179, 4376-4382.	0.4	70
23	CXC Chemokine Ligand 12 Promotes CCR7-Dependent Naive T Cell Trafficking to Lymph Nodes and Peyerâ€™s Patches. Journal of Immunology, 2009, 182, 1287-1295.	0.4	69
24	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. Molecular Cell, 2016, 62, 7-20.	4.5	69
25	Constitutive Expression of IDO by Dendritic Cells of Mesenteric Lymph Nodes: Functional Involvement of the CTLA-4/B7 and CCL22/CCR4 Interactions. Journal of Immunology, 2009, 183, 5608-5614.	0.4	67
26	Intestinal Epithelial Cell-Derived Semaphorin 7A Negatively Regulates Development of Colitis via Î±vÎ²1 Integrin. Journal of Immunology, 2012, 188, 1108-1116.	0.4	66
27	Oral Immunization withHelicobacter pyloriâ€Loaded Poly(d,lâ€Lactideâ€Coâ€Glycolide) Nanoparticles. Helicobacter, 1999, 4, 33-39.	1.6	62
28	UNC93B1 is essential for the plasma membrane localization and signaling of Toll-like receptor 5. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7072-7077.	3.3	62
29	Nepmucin, a novel HEV sialomucin, mediates L-selectinâ€“dependent lymphocyte rolling and promotes lymphocyte adhesion under flow. Journal of Experimental Medicine, 2006, 203, 1603-1614.	4.2	58
30	SIRPÎ±/CD172a Regulates Eosinophil Homeostasis. Journal of Immunology, 2011, 187, 2268-2277.	0.4	54
31	Constitutive Plasmacytoid Dendritic Cell Migration to the Splenic White Pulp Is Cooperatively Regulated by CCR7- and CXCR4-Mediated Signaling. Journal of Immunology, 2012, 189, 191-199.	0.4	53
32	Combined two-photon microscopy and optical coherence tomography using individually optimized sources. Optics Express, 2011, 19, 13089.	1.7	51
33	CD4+CD25+ regulatory T cells in the small intestinal lamina propria show an effector/memory phenotype. International Immunology, 2008, 20, 307-315.	1.8	47
34	Distinct fucosylation of M cells and epithelial cells by Fut1 and Fut2, respectively, in response to intestinal environmental stress. Biochemical and Biophysical Research Communications, 2011, 404, 822-828.	1.0	46
35	House Dust Mite Increases pro-Th2 Cytokines IL-25 and IL-33 via the Activation of TLR1/6 Signaling. Journal of Investigative Dermatology, 2017, 137, 2354-2361.	0.3	43
36	TLR9 regulates adipose tissue inflammation and obesity-related metabolic disorders. Obesity, 2015, 23, 2199-2206.	1.5	39

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37	Adipose tissue macrophages induce PPARÎ³-high FOXP3+ regulatory T cells. Scientific Reports, 2015, 5, 16801.	1.6	35
38	Acidic Amino Acid Residues in the Juxtamembrane Region of the Nucleotide-Sensing TLRs Are Important for UNC93B1 Binding and Signaling. Journal of Immunology, 2013, 190, 5287-5295.	0.4	34
39	Molecular Determinants Controlling Homeostatic Recirculation and Tissue-Specific Trafficking of Lymphocytes. International Archives of Allergy and Immunology, 2004, 134, 120-134.	0.9	32
40	Oral immunization of haemaggulutinin H5 expressed in plant endoplasmic reticulum with adjuvant saponin protects mice against highly pathogenic avian influenza A virus infection. Plant Biotechnology Journal, 2015, 13, 62-72.	4.1	31
41	Delivery of IL-12p40 ameliorates DSS-induced colitis by suppressing IL-17A expression and inflammation in the intestinal mucosa. Clinical Immunology, 2012, 144, 190-199.	1.4	29
42	Parasitic Nematode-Induced CD4+Foxp3+T Cells Can Ameliorate Allergic Airway Inflammation. PLoS Neglected Tropical Diseases, 2014, 8, e3410.	1.3	27
43	Human Eosinophils Show Chemotaxis to Lymphoid Chemokines and Exhibit Antigen-Presenting-Cell-Like Properties upon Stimulation with IFN-Î³, IL-3 and GM-CSF. International Archives of Allergy and Immunology, 2008, 146, 227-234.	0.9	26
44	Intestinal Epithelial Cell-Specific Deletion of PLD2 Alleviates DSS-Induced Colitis by Regulating Occludin. Scientific Reports, 2017, 7, 1573.	1.6	25
45	Regulatory Eosinophils in Inflammation and Metabolic Disorders. Immune Network, 2017, 17, 41.	1.6	23
46	Nepmucin/CLMâ€9, an Ig domainâ€containing sialomucin in vascular endothelial cells, promotes lymphocyte transendothelial migration in vitro. FEBS Letters, 2008, 582, 3018-3024.	1.3	22
47	Plasmacytoid dendritic cells employ multiple cell adhesion molecules sequentially to interact with high endothelial venule cells - molecular basis of their trafficking to lymph nodes. International Immunology, 2007, 19, 1031-1037.	1.8	21
48	Moxifloxacin: Clinically compatible contrast agent for multiphoton imaging. Scientific Reports, 2016, 6, 27142.	1.6	21
49	IL-15 up-regulates iNOS expression and NO production by gingival epithelial cells. Biochemical and Biophysical Research Communications, 2002, 297, 329-334.	1.0	20
50	Dendritic cells in colonic patches and iliac lymph nodes are essential in mucosal IgA induction following intrarectal administration via CCR7 interaction. European Journal of Immunology, 2008, 38, 1127-1137.	1.6	19
51	Comparative analysis of the effects of anti-IL-6 receptor mAb and anti-TNF mAb treatment on CD4+ T-cell responses in murine colitis. Inflammatory Bowel Diseases, 2011, 17, 491-502.	0.9	19
52	Intestinal Linâ^'c-Kit+NKp46â^'CD4â^' Population Strongly Produces IL-22 upon IL-1Î² Stimulation. Journal of Immunology, 2013, 190, 5296-5305.	0.4	18
53	Protein energy malnutrition alters mucosal IgA responses and reduces mucosal vaccine efficacy in mice. Immunology Letters, 2017, 190, 247-256.	1.1	17
54	Development of antigen induced colitis in SCID mice reconstituted with spleen derived memory type CD4+ CD45RB+ T cells. Gut, 2002, 50, 299-306.	6.1	16

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55	Characterization of CCR9 expression and thymus-expressed chemokine responsiveness of the murine thymus, spleen and mesenteric lymph node. Immunobiology, 2012, 217, 402-411.	0.8	15
56	Induction of cytotoxic T lymphocyte responses by cholera toxin-treated bone marrow-derived dendritic cells. Vaccine, 2003, 21, 1613-1619.	1.7	14
57	Hyperoxygenation Attenuated a Murine Model of Atopic Dermatitis through Raising Skin Level of ROS. PLoS ONE, 2014, 9, e109297.	1.1	14
58	Acetyl salicylic acid inhibits Th17 airway inflammation via blockade of IL-6 and IL-17 positive feedback. Experimental and Molecular Medicine, 2013, 45, e5-e5.	3.2	10
59	Ulmus davidiana var. japonica Nakai Upregulates Eosinophils and Suppresses Th1 and Th17 Cells in the Small Intestine. PLoS ONE, 2013, 8, e76716.	1.1	9
60	Identification of Novel Isoforms of Mouse L-selectin with Different Carboxyl-terminal Tails. Journal of Biological Chemistry, 2008, 283, 12112-12119.	1.6	8
61	Transcriptional Regulator CTR9 Inhibits Th17 Differentiation via Repression of IL-17 Expression. Journal of Immunology, 2014, 192, 1440-1448.	0.4	8