Jung-Hyun Park

List of Publications by Year
in descending order

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96 papers	5,094 citations	218677 26 h-index	102487 66 g-index
101 all docs	101 docs citations	101 times ranked	7271 citing authors

#	Article	IF	Citations
1	Signaling by intrathymic cytokines, not T cell antigen receptors, specifies CD8 lineage choice and promotes the differentiation of cytotoxic-lineage T cells. Nature Immunology, 2010, 11, 257-264.	14.5	1,811
2	Suppression of IL7RÎ± Transcription by IL-7 and Other Prosurvival Cytokines. Immunity, 2004, 21, 289-302.	14.3	428
3	Lineage fate and intense debate: myths, models and mechanisms of CD4- versus CD8-lineage choice. Nature Reviews Immunology, 2008, 8, 788-801.	22.7	380
4	Deletion of CD4 and CD8 Coreceptors Permits Generation of Î±Î²T Cells that Recognize Antigens Independently of the MHC. Immunity, 2007, 27, 735-750.	14.3	163
5	Clonal deletion and the fate of autoreactive thymocytes that survive negative selection. Nature Immunology, 2012, 13, 569-578.	14.5	159
6	'Coreceptor tuning': cytokine signals transcriptionally tailor CD8 coreceptor expression to the self-specificity of the TCR. Nature Immunology, 2007, 8, 1049-1059.	14.5	151
7	IL-7 signaling must be intermittent, not continuous, during CD8+ T cell homeostasis to promote cell survival instead of cell death. Nature Immunology, 2013, 14, 143-151.	14.5	117
8	IL-7 Receptor Signals Inhibit Expression of Transcription Factors TCF-1, LEF-1, and RORÎ³t. Journal of Experimental Medicine, 2004, 200, 797-803.	8.5	116
9	CD4 and CD8 T Cell Immune Activation during Chronic HIV Infection: Roles of Homeostasis, HIV, Type I IFN, and IL-7. Journal of Immunology, 2011, 186, 2106-2116.	0.8	99
10	Î±Î² T Cell Receptors that Do Not Undergo Major Histocompatibility Complex-Specific Thymic Selection Possess Antibody-like Recognition Specificities. Immunity, 2012, 36, 79-91.	14.3	95
11	Intrathymic IL-7: The where, when, and why of IL-7 signaling during T cell development. Seminars in Immunology, 2012, 24, 151-158.	5.6	94
12	Cytokine signal transduction is suppressed in preselection double-positive thymocytes and restored by positive selection. Journal of Experimental Medicine, 2006, 203, 165-175.	8.5	82
13	The dynamic changes in cytokine responses in COVID-19: a snapshot of the current state of knowledge. Nature Immunology, 2020, 21, 1146-1151.	14.5	82
14	Conditional deletion of cytokine receptor chains reveals that IL-7 and IL-15 specify CD8 cytotoxic lineage fate in the thymus. Journal of Experimental Medicine, 2012, 209, 2263-2276.	8.5	76
15	Panophthalmoplegia and vision loss after cosmetic nasal dorsum injection. Journal of Clinical Neuroscience, 2014, 21, 678-680.	1.5	69
16	The common Î³-chain cytokine receptor: tricks-and-treats for T cells. Cellular and Molecular Life Sciences, 2016, 73, 253-269.	5.4	64
17	The transcription factor ThPOK suppresses Runx3 and imposes CD4+ lineage fate by inducing the SOCS suppressors of cytokine signaling. Nature Immunology, 2014, 15, 638-645.	14.5	58
18	Leptin receptor isoform expression in rat osteoblasts and their functional analysis. FEBS Letters, 2002, 528, 43-47.	2.8	57

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19	Activated T Cells Secrete an Alternatively Spliced Form of Common Î³-Chain that Inhibits Cytokine Signaling and Exacerbates Inflammation. Immunity, 2014, 40, 910-923.	14.3	53
20	Seeing Is Believing: Illuminating the Source ofIn VivoInterleukin-7. Immune Network, 2011, 11, 1.	3.6	52
21	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. PLoS ONE, 2020, 15, e0230667.	2.5	38
22	The DNA Damage- and Transcription-Associated Protein Paxip1 Controls Thymocyte Development and Emigration. Immunity, 2012, 37, 971-985.	14.3	35
23	Mitogenic signals through CD28 activate the protein kinase Ctheta-NF-kappaB pathway in primary peripheral T cells. International Immunology, 2003, 15, 655-663.	4.0	34
24	Immune quiescence in the oral mucosa is maintained by a uniquely large population of highly activated Foxp3+ regulatory T cells. Mucosal Immunology, 2018, 11, 1092-1102.	6.0	32
25	Quantitative Difference in PLZF Protein Expression Determines iNKT Lineage Fate and Controls Innate CD8ÂT Cell Generation. Cell Reports, 2019, 27, 2548-2557.e4.	6.4	32
26	CD4 effector T cell differentiation is controlled by IL-15 that is expressed and presented in trans. Cytokine, 2017, 99, 266-274.	3.2	28
27	Detection of the Asialoglycoprotein Receptor on Cell Lines of Extrahepatic Origin. Biochemical and Biophysical Research Communications, 1998, 244, 304-311.	2.1	25
28	Determination of the Protective Effects of Neutralizing Antiâ€Hepatitis B Virus (HBV) Immunoglobulins by Epitope Mapping with Recombinant HBV Surfaceâ€Antigen Proteins. Microbiology and Immunology, 2000, 44, 703-710.	1.4	24
29	Specific binding of recombinantListeria monocytogenesp60 protein to Caco-2 cells. FEMS Microbiology Letters, 2000, 186, 35-40.	1.8	24
30	Coreceptor gene imprinting governs thymocyte lineage fate. EMBO Journal, 2012, 31, 366-377.	7.8	24
31	An In Vivo IL-7 Requirement for Peripheral Foxp3+ Regulatory T Cell Homeostasis. Journal of Immunology, 2012, 188, 5859-5866.	0.8	24
32	Chronic Exposure to Type-I IFN under Lymphopenic Conditions Alters CD4 T Cell Homeostasis. PLoS Pathogens, 2014, 10, e1003976.	4.7	24
33	Thymic development and repertoire selection: the rat perspective. Immunological Reviews, 2001, 184, 7-19.	6.0	22
34	T cell receptor ligation induces interleukin (IL) 2R beta chain expression in rat CD4,8 double positive thymocytes, initiating an IL-2-dependent differentiation pathway of CD8 alpha+/beta- T cells.. Journal of Experimental Medicine, 1993, 177, 541-546.	8.5	21
35	Soluble Î³c cytokine receptor suppresses IL-15 signaling and impairs iNKT cell development in the thymus. Scientific Reports, 2016, 6, 36962.	3.3	21
36	CD8 Lineage-specific Regulation of Interleukin-7 Receptor Expression by the Transcriptional Repressor Gfi1. Journal of Biological Chemistry, 2012, 287, 34386-34399.	3.4	19

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37	HIV immune activation drives increased Eomes expression in memory CD8 T cells in association with transcriptional downregulation of CD127. Aids, 2013, 27, 1867-1877.	2.2	18
38	Phenotype and Tissue Residency of Lymphocytes in the Murine Oral Mucosa. Frontiers in Immunology, 2017, 8, 250.	4.8	18
39	Interleukin-6 expands homeostatic space for peripheral T cells. Cytokine, 2013, 64, 532-540.	3.2	16
40	Detection of surface asialoglycoprotein receptor expression in hepatic and extra-hepatic cells using a novel monoclonal antibody. Biotechnology Letters, 2006, 28, 1061-1069.	2.2	15
41	The Cytokine Receptor IL-7RÎ± Impairs IL-2 Receptor Signaling and Constrains the InÂVitro Differentiation of Foxp3+ Treg Cells. IScience, 2020, 23, 101421.	4.1	15
42	IL-7â€“dependent STAT1 activation limits homeostatic CD4+ T cell expansion. JCI Insight, 2017, 2, .	5.0	15
43	Metabolic sensor AMPK directly phosphorylates RAG1 protein and regulates V(D)J recombination. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9873-9878.	7.1	14
44	Genomic organization and tissue-specific expression of rat urocortin. Neuroscience Letters, 2000, 292, 45-48.	2.1	13
45	Recombinant Expression of Biologically Active Rat Leptin in Escherichia coli. Protein Expression and Purification, 2001, 22, 60-69.	1.3	13
46	Design of novel analogue peptides with potent fungicidal but low hemolytic activity based on the cecropin aâ€melittin hybrid structure. IUBMB Life, 1997, 43, 489-498.	3.4	12
47	Ikaros is required to survive positive selection and to maintain clonal diversity during T-cell development in the thymus. Blood, 2013, 122, 2358-2368.	1.4	12
48	The Abundance and Availability of Cytokine Receptor IL-2RÎ² (CD122) Constrain the Lymphopenia-Induced Homeostatic Proliferation of Naive CD4 T Cells. Journal of Immunology, 2020, 204, 3227-3235.	0.8	12
49	InÂvivo availability of the cytokine IL-7 constrains the survival and homeostasis of peripheral iNKT cells. Cell Reports, 2022, 38, 110219.	6.4	12
50	<scp>P</scp>im1 permits generation and survival of <scp>CD</scp>4⁺<scp>T</scp> cells in the absence of Î³c cytokine receptor signaling. European Journal of Immunology, 2013, 43, 2283-2294.	2.9	11
51	RORÎ³t limits the amount of the cytokine receptor Î³c through the prosurvival factor Bcl-x _L in developing thymocytes. Science Signaling, 2018, 11, .	3.6	11
52	Targeted destruction of the polymerized human serum albumin binding site within the preS2 region of the HBV surface antigen while retaining full immunogenicity for this epitope. Journal of Viral Hepatitis, 2003, 10, 70-79.	2.0	10
53	The small intestine epithelium exempts Foxp3+ Tregs from their IL-2 requirement for homeostasis and effector function. JCI Insight, 2021, 6, .	5.0	10
54	Identification and cellular distribution of the rat interleukin-2 receptor Î² chain: induction of the IL-2RÎ±â^'Î²+ phenotype by major histocompatibility complex class I recognition during T cell developmentin vivo and by T cell receptor stimulation of CD4+8+ immature thymocytesin vitro. European Journal of Immunology, 1996, 26, 2371-2375.	2.9	8

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55	Gene Expression Profile and Identification of Differentially Expressed Transcripts during Human Intrathymic T-Cell Development by cDNA Sequencing Analysis. Genomics, 2000, 70, 1-18.	2.9	8
56	Targeting CD4 Coreceptor Expression to Postselection Thymocytes Reveals That CD4/CD8 Lineage Choice Is neither Error-Prone nor Stochastic. Journal of Immunology, 2008, 181, 6975-6983.	0.8	8
57	Out-sourcing forTrans-presentation: Assessing T Cell Intrinsic and Extrinsic IL-15 Expression withIl15Gene Reporter Mice. Immune Network, 2018, 18, e13.	3.6	7
58	CD24+ Cell Depletion Permits Effective Enrichment of Thymic iNKT Cells While Preserving Their Subset Composition. Immune Network, 2019, 19, e14.	3.6	7
59	The Timing and Abundance of IL-2RÎ² (CD122) Expression Control Thymic iNKT Cell Generation and NKT1 Subset Differentiation. Frontiers in Immunology, 2021, 12, 642856.	4.8	7
60	Assessing IL-2-Induced STAT5 Phosphorylation in Fixed, Permeabilized Foxp3+ Treg Cells by Multiparameter Flow Cytometry. STAR Protocols, 2020, 1, 100195.	1.2	7
61	In Vitro Binding Analysis of Hepatitis B Virus preSâ€derived Putative Helper Tâ€cell Epitopes to MHC Class II Molecules Using Stable HLAâ€DRB1*0405/â€DRA*0101 Transfected Cells. IUBMB Life, 2000, 50, 379-384.	3.4	6
62	Detection of Cellular Receptors Specific for the Hepatitis B Virus preS Surface Protein on Cell Lines of Extrahepatic Origin. Biochemical and Biophysical Research Communications, 2000, 277, 246-254.	2.1	6
63	Detection of pET-Vector Encoded, Recombinant S-Tagged Proteins Using the Monoclonal Antibody ATOM-2. Hybridoma, 2001, 20, 17-23.	0.6	6
64	IL7 receptor signaling in T cells: A mathematical modeling perspective. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2019, 11, e1447.	6.6	6
65	SOCS3 is a suppressor of Î³c cytokine signaling and constrains generation of murine Foxp3⁺ regulatory T cells. European Journal of Immunology, 2020, 50, 986-999.	2.9	6
66	Generation and Characterization of a Novel Fusion Partner Cell Line for the Production of Human Macrophage Hybridoma. Hybridoma, 1997, 16, 551-556.	0.6	5
67	In Vitro Binding Analysis of Hepatitis B Virus preS-derived Putative Helper T-cell Epitopes to MHC Class II Molecules Using Stable HLA-DRB1*0405/-DRA*0101 Transfected Cells. IUBMB Life, 2000, 50, 379-384.	3.4	5
68	Clusterin mRNA expression in apoptotic and activated rat thymocytes. Cell Research, 2003, 13, 49-58.	12.0	5
69	CD138 expression is a molecular signature but not a developmental requirement for RORÎ³t+ NKT17 cells. JCI Insight, 2021, 6, .	5.0	5
70	Chemokine receptor CCR9 suppresses the differentiation of CD4+CD8Î±Î±+ intraepithelial T cells in the gut. Mucosal Immunology, 2022, 15, 882-895.	6.0	5
71	Expression of T-Cell Receptor Î²-Chain mRNA and Protein inÎ³/ÎT-Cells from Euthymic and Athymic Rats: Implications for T-Cell Lineage Divergence. Autoimmunity, 2000, 8, 19-30.	0.6	4
72	Coreceptor gene â€œimprinting:â€•A genetic solution to a developmental dilemma in T cells. Cell Cycle, 2012, 11, 833-834.	2.6	4

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73	Î³c cytokine signaling: graduate school in thymic education. Blood, 2013, 121, 4-6.	1.4	4
74	Differential Cytokine Utilization and Tissue Tropism Results in Distinct Repopulation Kinetics of NaÃ¯ve vs. Memory T Cells in Mice. Frontiers in Immunology, 2019, 10, 355.	4.8	4
75	The molecular basis and cellular effects of distinct CD103 expression on CD4 and CD8 T cells. Cellular and Molecular Life Sciences, 2021, 78, 5789-5805.	5.4	4
76	Protein abundance of the cytokine receptor Î³c controls the thymic generation of innate-like T cells. Cellular and Molecular Life Sciences, 2022, 79, 17.	5.4	4
77	Identification of alternatively spliced Il7r transcripts in mouse T cells that encode soluble IL-7RÎ±. Cellular and Molecular Immunology, 2020, 17, 1284-1286.	10.5	3
78	Specific binding of recombinant Listeria monocytogenes p60 protein to Caco-2 cells. FEMS Microbiology Letters, 2000, 186, 35-40.	1.8	3
79	The homeostatic Î³c cytokines IL-7 and IL-15 suppress the induction of CD4+CD8Î±Î±+ intraepithelial T cells in the gut. , 2022, 19, 751-753.		2
80	Downregulation of MHC Class II Expression by Oxidant-induced Apoptosis in EBV-transformed B-Cells. Molecules and Cells, 2000, 10, 654-661.	2.6	1
81	Selective Isolation and Identification of HLAâ€ÐRâ€Associated Naturally Processed and Presented Epitope Peptides. Immunological Investigations, 2003, 32, 155-169.	2.0	1
82	118 Coreceptor Tuning: IL-7 Signals Transcriptionally Tailor CD8 Coreceptor Expression in CD8 T Cells to the Self-specificity of their TCR. Cytokine, 2007, 39, 32.	3.2	1
83	Remote control of Î³c expression by arginine methylation. Nature Immunology, 2018, 19, 1152-1154.	14.5	1
84	The Cytokine Receptor IL-7RÎ± Suppresses IL-2 Receptor Signaling and Constrains the Differentiation of Foxp3 ⁺ Treg Cells. SSRN Electronic Journal, 0, , .	0.4	1
85	High-yield enrichment of mouse small intestine intraepithelial lymphocytes by immunomagnetic depletion of EpCAM+ cells. STAR Protocols, 2022, 3, 101207.	1.2	1
86	Single-step purification of proteins of interest from proteolytically cleaved recombinant maltose-binding protein (MBP) fusion proteins by selective immunoprecipitation of MBP. Biotechnology and Bioprocess Engineering, 1998, 3, 82-86.	2.6	0
87	Enforced Expression of Integrin CD103 on CD4+ T Cells Alters Their Tissue Migration or Residency to Dysregulate Inflammatory Immune Responses in a Mouse Model of Autoimmune Colitis. Journal of the American College of Surgeons, 2020, 231, S54-S55.	0.5	0
88	Cytokine Receptor Signaling and CD4/CD8 Lineage Choice during T Cell Development in the Thymus. , 2021, , 1-20.		0
89	Connection Between Dysbiotic Oral Microbiota and Deregulation of Salivary Gland Epithelial Cells in Sjogren's Syndrome. SSRN Electronic Journal, 0, , .	0.4	0
90	In Vivo Availability of the Cytokine Il-7 Constrains the Survival and Homeostasis of Peripheral Î¹NKT Cells. SSRN Electronic Journal, 0, , .	0.4	0

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91	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0
92	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0
93	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0
94	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0
95	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0
96	Dysbiotic oral microbiota and infected salivary glands in SjÃ¶grenâ€™s syndrome. , 2020, 15, e0230667.		0