

# 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	InÂvivo availability of the cytokine IL-7 constrains the survival and homeostasis of peripheral iNKT cells. <i>Cell Reports</i> , 2022, 38, 110219.	6.4	12
2	High-yield enrichment of mouse small intestine intraepithelial lymphocytes by immunomagnetic depletion of EpCAM+ cells. <i>STAR Protocols</i> , 2022, 3, 101207.	1.2	1
3	Protein abundance of the cytokine receptor $\hat{I}^3c$ controls the thymic generation of innate-like T cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 17.	5.4	4
4	The homeostatic $\hat{I}^3c$ cytokines IL-7 and IL-15 suppress the induction of CD4+CD8 $\hat{I}^{\pm}$ intraepithelial T cells in the gut. , 2022, 19, 751-753.		2
5	Chemokine receptor CCR9 suppresses the differentiation of CD4+CD8 $\hat{I}^{\pm}$ intraepithelial T cells in the gut. <i>Mucosal Immunology</i> , 2022, 15, 882-895.	6.0	5
6	The Timing and Abundance of IL-2R $\hat{I}^2$ (CD122) Expression Control Thymic iNKT Cell Generation and NKT1 Subset Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 642856.	4.8	7
7	The molecular basis and cellular effects of distinct CD103 expression on CD4 and CD8 T cells. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5789-5805.	5.4	4
8	CD138 expression is a molecular signature but not a developmental requirement for ROR $\hat{I}^3t$ + NKT17 cells. <i>JCI Insight</i> , 2021, 6, .	5.0	5
9	Cytokine Receptor Signaling and CD4/CD8 Lineage Choice during T Cell Development in the Thymus. , 2021, , 1-20.		0
10	The small intestine epithelium exempts Foxp3+ Tregs from their IL-2 requirement for homeostasis and effector function. <i>JCI Insight</i> , 2021, 6, .	5.0	10
11	The Cytokine Receptor IL-7R $\hat{I}^{\pm}$ Impairs IL-2 Receptor Signaling and Constrains the InÂvitro Differentiation of Foxp3+ Treg Cells. <i>IScience</i> , 2020, 23, 101421.	4.1	15
12	The dynamic changes in cytokine responses in COVID-19: a snapshot of the current state of knowledge. <i>Nature Immunology</i> , 2020, 21, 1146-1151.	14.5	82
13	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. <i>Journal of the American College of Surgeons</i> , 2020, 231, S54-S55.	0.5	0
14	The Abundance and Availability of Cytokine Receptor IL-2R $\hat{I}^2$ (CD122) Constrain the Lymphopenia-Induced Homeostatic Proliferation of Naive CD4 T Cells. <i>Journal of Immunology</i> , 2020, 204, 3227-3235.	0.8	12
15	SOCS3 is a suppressor of $\hat{I}^3c$ cytokine signaling and constrains generation of murine Foxp3<sup>+</sup> regulatory T cells. <i>European Journal of Immunology</i> , 2020, 50, 986-999.	2.9	6
16	Dysbiotic oral microbiota and infected salivary glands in SjÅgrenâ€™s syndrome. <i>PLoS ONE</i> , 2020, 15, e0230667.	2.5	38
17	Identification of alternatively spliced Il7r transcripts in mouse T cells that encode soluble IL-7R $\hat{I}^{\pm}$ . <i>Cellular and Molecular Immunology</i> , 2020, 17, 1284-1286.	10.5	3
18	Assessing IL-2-Induced STAT5 Phosphorylation in Fixed, Permeabilized Foxp3+ Treg Cells by Multiparameter Flow Cytometry. <i>STAR Protocols</i> , 2020, 1, 100195.	1.2	7

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19	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
20	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
21	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
22	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
23	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
24	Dysbiotic oral microbiota and infected salivary glands in Sjögren's syndrome. , 2020, 15, e0230667.		0
25	Differential Cytokine Utilization and Tissue Tropism Results in Distinct Repopulation Kinetics of Naïve vs. Memory T Cells in Mice. <i>Frontiers in Immunology</i> , 2019, 10, 355.	4.8	4
26	IL7 receptor signaling in T cells: A mathematical modeling perspective. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2019, 11, e1447.	6.6	6
27	Quantitative Difference in PLZF Protein Expression Determines iNKT Lineage Fate and Controls Innate CD8 <sup>+</sup> Cell Generation. <i>Cell Reports</i> , 2019, 27, 2548-2557.e4.	6.4	32
28	CD24 <sup>+</sup> Cell Depletion Permits Effective Enrichment of Thymic iNKT Cells While Preserving Their Subset Composition. <i>Immune Network</i> , 2019, 19, e14.	3.6	7
29	Out-sourcing for Trans-presentation: Assessing T Cell Intrinsic and Extrinsic IL-15 Expression with IL15 Gene Reporter Mice. <i>Immune Network</i> , 2018, 18, e13.	3.6	7
30	Remote control of $\hat{I}^3c$ expression by arginine methylation. <i>Nature Immunology</i> , 2018, 19, 1152-1154.	14.5	1
31	Immune quiescence in the oral mucosa is maintained by a uniquely large population of highly activated Foxp3 <sup>+</sup> regulatory T cells. <i>Mucosal Immunology</i> , 2018, 11, 1092-1102.	6.0	32
32	ROR $\hat{I}^3t$ limits the amount of the cytokine receptor $\hat{I}^3c$ through the prosurvival factor Bcl-x <sub>L</sub> in developing thymocytes. <i>Science Signaling</i> , 2018, 11, .	3.6	11
33	CD4 effector T cell differentiation is controlled by IL-15 that is expressed and presented in trans. <i>Cytokine</i> , 2017, 99, 266-274.	3.2	28
34	Phenotype and Tissue Residency of Lymphocytes in the Murine Oral Mucosa. <i>Frontiers in Immunology</i> , 2017, 8, 250.	4.8	18
35	IL-7 $\hat{I}^3c$ -dependent STAT1 activation limits homeostatic CD4 <sup>+</sup> T cell expansion. <i>JCI Insight</i> , 2017, 2, .	5.0	15
36	Soluble $\hat{I}^3c$ cytokine receptor suppresses IL-15 signaling and impairs iNKT cell development in the thymus. <i>Scientific Reports</i> , 2016, 6, 36962.	3.3	21

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37	The common $\hat{\beta}$ -chain cytokine receptor: tricks-and-treats for T cells. Cellular and Molecular Life Sciences, 2016, 73, 253-269.	5.4	64
38	Chronic Exposure to Type-I IFN under Lymphopenic Conditions Alters CD4 T Cell Homeostasis. PLoS Pathogens, 2014, 10, e1003976.	4.7	24
39	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
40	Panophthalmoplegia and vision loss after cosmetic nasal dorsum injection. Journal of Clinical Neuroscience, 2014, 21, 678-680.	1.5	69
41	Activated T Cells Secrete an Alternatively Spliced Form of Common $\hat{\beta}$ -Chain that Inhibits Cytokine Signaling and Exacerbates Inflammation. Immunity, 2014, 40, 910-923.	14.3	53
42	Interleukin-6 expands homeostatic space for peripheral T cells. Cytokine, 2013, 64, 532-540.	3.2	16
43	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
44	$\hat{\beta}$ c cytokine signaling: graduate school in thymic education. Blood, 2013, 121, 4-6.	1.4	4
45	$\hat{\beta}$ c permits generation and survival of CD4 <sup>+</sup> T cells in the absence of $\hat{\beta}$ c cytokine receptor signaling. European Journal of Immunology, 2013, 43, 2283-2294.	2.9	11
46	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
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	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
49	Coreceptor gene imprinting governs thymocyte lineage fate. EMBO Journal, 2012, 31, 366-377.	7.8	24
50	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
51	Coreceptor gene $\hat{\beta}$ c imprinting: A genetic solution to a developmental dilemma in T cells. Cell Cycle, 2012, 11, 833-834.	2.6	4
52	An In Vivo IL-7 Requirement for Peripheral Foxp3+ Regulatory T Cell Homeostasis. Journal of Immunology, 2012, 188, 5859-5866.	0.8	24
53	The DNA Damage- and Transcription-Associated Protein Paxip1 Controls Thymocyte Development and Emigration. Immunity, 2012, 37, 971-985.	14.3	35
54	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

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55	CD8 Lineage-specific Regulation of Interleukin-7 Receptor Expression by the Transcriptional Repressor Gfi1. <i>Journal of Biological Chemistry</i> , 2012, 287, 34386-34399.	3.4	19
56	$\hat{1}\hat{2}$ T Cell Receptors that Do Not Undergo Major Histocompatibility Complex-Specific Thymic Selection Possess Antibody-like Recognition Specificities. <i>Immunity</i> , 2012, 36, 79-91.	14.3	95
57	Clonal deletion and the fate of autoreactive thymocytes that survive negative selection. <i>Nature Immunology</i> , 2012, 13, 569-578.	14.5	159
58	Seeing Is Believing: Illuminating the Source of <i>In Vivo</i> Interleukin-7. <i>Immune Network</i> , 2011, 11, 1.	3.6	52
59	CD4 and CD8 T Cell Immune Activation during Chronic HIV Infection: Roles of Homeostasis, HIV, Type I IFN, and IL-7. <i>Journal of Immunology</i> , 2011, 186, 2106-2116.	0.8	99
60	Signaling by intrathymic cytokines, not T cell antigen receptors, specifies CD8 lineage choice and promotes the differentiation of cytotoxic-lineage T cells. <i>Nature Immunology</i> , 2010, 11, 257-264.	14.5	1,811
61	Lineage fate and intense debate: myths, models and mechanisms of CD4- versus CD8-lineage choice. <i>Nature Reviews Immunology</i> , 2008, 8, 788-801.	22.7	380
62	Targeting CD4 Coreceptor Expression to Postselection Thymocytes Reveals That CD4/CD8 Lineage Choice Is neither Error-Prone nor Stochastic. <i>Journal of Immunology</i> , 2008, 181, 6975-6983.	0.8	8
63	118 Coreceptor Tuning: IL-7 Signals Transcriptionally Tailor CD8 Coreceptor Expression in CD8 T Cells to the Self-specificity of their TCR. <i>Cytokine</i> , 2007, 39, 32.	3.2	1
64	Deletion of CD4 and CD8 Coreceptors Permits Generation of $\hat{1}\hat{2}$ T Cells that Recognize Antigens Independently of the MHC. <i>Immunity</i> , 2007, 27, 735-750.	14.3	163
65	'Coreceptor tuning': cytokine signals transcriptionally tailor CD8 coreceptor expression to the self-specificity of the TCR. <i>Nature Immunology</i> , 2007, 8, 1049-1059.	14.5	151
66	Detection of surface asialoglycoprotein receptor expression in hepatic and extra-hepatic cells using a novel monoclonal antibody. <i>Biotechnology Letters</i> , 2006, 28, 1061-1069.	2.2	15
67	Cytokine signal transduction is suppressed in preselection double-positive thymocytes and restored by positive selection. <i>Journal of Experimental Medicine</i> , 2006, 203, 165-175.	8.5	82
68	IL-7 Receptor Signals Inhibit Expression of Transcription Factors TCF-1, LEF-1, and ROR $\hat{1}$ t. <i>Journal of Experimental Medicine</i> , 2004, 200, 797-803.	8.5	116
69	Suppression of IL7R $\hat{1}$ Transcription by IL-7 and Other Prosurvival Cytokines. <i>Immunity</i> , 2004, 21, 289-302.	14.3	428
70	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. <i>Journal of Viral Hepatitis</i> , 2003, 10, 70-79.	2.0	10
71	Clusterin mRNA expression in apoptotic and activated rat thymocytes. <i>Cell Research</i> , 2003, 13, 49-58.	12.0	5
72	Selective Isolation and Identification of HLA $\hat{A}$ DR $\hat{A}$ Associated Naturally Processed and Presented Epitope Peptides. <i>Immunological Investigations</i> , 2003, 32, 155-169.	2.0	1

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73	Mitogenic signals through CD28 activate the protein kinase C $\theta$ -NF- $\kappa$ B pathway in primary peripheral T cells. <i>International Immunology</i> , 2003, 15, 655-663.	4.0	34
74	Leptin receptor isoform expression in rat osteoblasts and their functional analysis. <i>FEBS Letters</i> , 2002, 528, 43-47.	2.8	57
75	Recombinant Expression of Biologically Active Rat Leptin in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2001, 22, 60-69.	1.3	13
76	Thymic development and repertoire selection: the rat perspective. <i>Immunological Reviews</i> , 2001, 184, 7-19.	6.0	22
77	Detection of pET-Vector Encoded, Recombinant S-Tagged Proteins Using the Monoclonal Antibody ATOM-2. <i>Hybridoma</i> , 2001, 20, 17-23.	0.6	6
78	Determination of the Protective Effects of Neutralizing Anti-Hepatitis B Virus (HBV) Immunoglobulins by Epitope Mapping with Recombinant HBV Surface Antigen Proteins. <i>Microbiology and Immunology</i> , 2000, 44, 703-710.	1.4	24
79	Specific binding of recombinant <i>Listeria monocytogenes</i> p60 protein to Caco-2 cells. <i>FEMS Microbiology Letters</i> , 2000, 186, 35-40.	1.8	24
80	In Vitro Binding Analysis of Hepatitis B Virus preS $\alpha$ -derived Putative Helper T-cell Epitopes to MHC Class II Molecules Using Stable HLA-DRB1*0405/DRA*0101 Transfected Cells. <i>IUBMB Life</i> , 2000, 50, 379-384.	3.4	6
81	Downregulation of MHC Class II Expression by Oxidant-induced Apoptosis in EBV-transformed B-Cells. <i>Molecules and Cells</i> , 2000, 10, 654-661.	2.6	1
82	Expression of T-Cell Receptor $\beta$ -Chain mRNA and Protein in T-Cells from Euthymic and Athymic Rats: Implications for T-Cell Lineage Divergence. <i>Autoimmunity</i> , 2000, 8, 19-30.	0.6	4
83	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. <i>IUBMB Life</i> , 2000, 50, 379-384.	3.4	5
84	Detection of Cellular Receptors Specific for the Hepatitis B Virus preS Surface Protein on Cell Lines of Extrahepatic Origin. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 246-254.	2.1	6
85	Gene Expression Profile and Identification of Differentially Expressed Transcripts during Human Intrathymic T-Cell Development by cDNA Sequencing Analysis. <i>Genomics</i> , 2000, 70, 1-18.	2.9	8
86	Genomic organization and tissue-specific expression of rat urocortin. <i>Neuroscience Letters</i> , 2000, 292, 45-48.	2.1	13
87	Specific binding of recombinant <i>Listeria monocytogenes</i> p60 protein to Caco-2 cells. <i>FEMS Microbiology Letters</i> , 2000, 186, 35-40.	1.8	3
88	Single-step purification of proteins of interest from proteolytically cleaved recombinant maltose-binding protein (MBP) fusion proteins by selective immunoprecipitation of MBP. <i>Biotechnology and Bioprocess Engineering</i> , 1998, 3, 82-86.	2.6	0
89	Detection of the Asialoglycoprotein Receptor on Cell Lines of Extrahepatic Origin. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 304-311.	2.1	25
90	Generation and Characterization of a Novel Fusion Partner Cell Line for the Production of Human Macrophage Hybridoma. <i>Hybridoma</i> , 1997, 16, 551-556.	0.6	5

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91	Design of novel analogue peptides with potent fungicidal but low hemolytic activity based on the cecropin $\alpha$ -melittin hybrid structure. IUBMB Life, 1997, 43, 489-498.	3.4	12
92	Identification and cellular distribution of the rat interleukin-2 receptor $\beta$ chain: induction of the IL-2R $\beta$ <sup>+</sup> phenotype by major histocompatibility complex class I recognition during T cell development in vivo and by T cell receptor stimulation of CD4 <sup>+</sup> 8 <sup>+</sup> immature thymocytes in vitro. European Journal of Immunology, 1996, 26, 2371-2375.	2.9	8
93	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 <sup>+</sup> /beta <sup>-</sup> T cells.. Journal of Experimental Medicine, 1993, 177, 541-546.	8.5	21
94	Connection Between Dysbiotic Oral Microbiota and Deregulation of Salivary Gland Epithelial Cells in Sjogren's Syndrome. SSRN Electronic Journal, 0, , .	0.4	0
95	The Cytokine Receptor IL-7R $\alpha$ Suppresses IL-2 Receptor Signaling and Constrains the Differentiation of Foxp3 <sup>+</sup> Treg Cells. SSRN Electronic Journal, 0, , .	0.4	1
96	<i>In Vivo</i> Availability of the Cytokine Il-7 Constrains the Survival and Homeostasis of Peripheral $\gamma$ $\delta$ NKT Cells. SSRN Electronic Journal, 0, , .	0.4	0