

# Insoo Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,826  
citations

236925

25  
h-index

182427

51  
g-index

62  
all docs

62  
docs citations

62  
times ranked

5317  
citing authors

#	ARTICLE	IF	CITATIONS
1	GDF15 Is an Inflammation-Induced Central Mediator of Tissue Tolerance. <i>Cell</i> , 2019, 178, 1231-1244.e11.	28.9	319
2	Defective Control of Latent Epstein-Barr Virus Infection in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2004, 172, 1287-1294.	0.8	217
3	Infectious complications in SLE after immunosuppressive therapies. <i>Current Opinion in Rheumatology</i> , 2003, 15, 528-534.	4.3	210
4	Age-Associated Change in the Frequency of Memory CD4+ T Cells Impairs Long Term CD4+ T Cell Responses to Influenza Vaccine. <i>Journal of Immunology</i> , 2004, 173, 673-681.	0.8	186
5	Tocilizumab Treatment for Cytokine Release Syndrome in Hospitalized Patients With Coronavirus Disease 2019. <i>Chest</i> , 2020, 158, 1397-1408.	0.8	177
6	ERVmap analysis reveals genome-wide transcription of human endogenous retroviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12565-12572.	7.1	134
7	Regulating human Th17 cells via differential expression of IL-1 receptor. <i>Blood</i> , 2010, 115, 530-540.	1.4	121
8	The immunobiology of MIF: function, genetics and prospects for precision medicine. <i>Nature Reviews Rheumatology</i> , 2019, 15, 427-437.	8.0	120
9	Altered IL-7R $\alpha$ expression with aging and the potential implications of IL-7 therapy on CD8+ T-cell immune responses. <i>Blood</i> , 2006, 107, 2855-2862.	1.4	110
10	Self Double-Stranded (ds)DNA Induces IL-1 $\beta$ Production from Human Monocytes by Activating NLRP3 Inflammasome in the Presence of Anti-dsDNA Antibodies. <i>Journal of Immunology</i> , 2013, 190, 1407-1415.	0.8	107
11	CytoFLEX supports efficient detection of immune cell subsets from small samples. <i>Journal of Immunological Methods</i> , 2014, 415, 1-5.	1.4	106
12	IL-7 and IL-15: Biology and Roles in T-Cell Immunity in Health and Disease. <i>Critical Reviews in Immunology</i> , 2008, 28, 325-339.	0.5	80
13	T-Cell Biology in Aging, With a Focus on Lung Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 254-263.	3.6	79
14	Age-associated alteration in naive and memory Th17 cell response in humans. <i>Clinical Immunology</i> , 2011, 140, 84-91.	3.2	71
15	U1-Small Nuclear Ribonucleoprotein Activates the NLRP3 Inflammasome in Human Monocytes. <i>Journal of Immunology</i> , 2012, 188, 4769-4775.	0.8	68
16	Macrophage Migration Inhibitory Factor Regulates U1 Small Nuclear RNP Immune Complex-Mediated Activation of the NLRP3 Inflammasome. <i>Arthritis and Rheumatology</i> , 2019, 71, 109-120.	5.6	59
17	Down-Regulation of IL-7R $\alpha$ Expression in Human T Cells via DNA Methylation. <i>Journal of Immunology</i> , 2007, 178, 5473-5479.	0.8	56
18	Pathogenic function of bystander-activated memory-like CD4+ T cells in autoimmune encephalomyelitis. <i>Nature Communications</i> , 2019, 10, 709.	12.8	49

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19	IL-6 Receptor $\hat{\pm}$ Defines Effector Memory CD8+T Cells Producing Th2 Cytokines and Expanding in Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1383-1394.	5.6	38
20	Utility of age, gender, ANA titer and pattern as predictors of anti-ENA and -dsDNA antibodies. Clinical Rheumatology, 2004, 23, 509-515.	2.2	35
21	DNA Methylation Regulates the Differential Expression of CX3CR1 on Human IL-7R $\hat{\pm}$ low and IL-7R $\hat{\pm}$ high Effector Memory CD8+ T Cells with Distinct Migratory Capacities to the Fractalkine. Journal of Immunology, 2015, 195, 2861-2869.	0.8	32
22	Interleukin-7 Contributes to the Invasiveness of Prostate Cancer Cells by Promoting Epithelial $\hat{\rightarrow}$ “Mesenchymal Transition. Scientific Reports, 2019, 9, 6917.	3.3	31
23	Interleukin-7 Induces Osteoclast Formation via STAT5, Independent of Receptor Activator of NF-kappaB Ligand. Frontiers in Immunology, 2017, 8, 1376.	4.8	30
24	Modulation of collagen-induced arthritis by IL-4 and dexamethasone: the synergistic effect of IL-4 and dexamethasone on the resolution of CIA. Immunopharmacology, 2000, 49, 317-324.	2.0	28
25	Expansion of CD8+ T cells lacking the IL-6 receptor $\hat{\pm}$ chain in patients with coronary artery diseases (CAD). Atherosclerosis, 2016, 249, 44-51.	0.8	27
26	Active Hexose Correlated Compound promotes T helper (Th) 17 and 1 cell responses via inducing IL-1 $\hat{2}$ production from monocytes in humans. Cellular Immunology, 2012, 275, 19-23.	3.0	26
27	Antibodies against human endogenous retrovirus K102 envelope activate neutrophils in systemic lupus erythematosus. Journal of Experimental Medicine, 2021, 218, .	8.5	26
28	Oligonol, a lychee fruit-derived low-molecular form of polyphenol mixture, suppresses inflammatory cytokine production from human monocytes. Human Immunology, 2016, 77, 512-515.	2.4	25
29	Diagnosis of SARS-CoV-2 infection in the setting of the cytokine release syndrome. Expert Review of Molecular Diagnostics, 2020, 20, 1087-1097.	3.1	23
30	IL-7R $\hat{\text{low}}$ memory CD8+ T cells are significantly elevated in patients with systemic lupus erythematosus. Rheumatology, 2012, 51, 1587-1594.	1.9	22
31	Transcriptomic analysis of human IL $\hat{6}$ receptor alpha <sup>low</sup> and <sup>high</sup> effector memory CD8 <sup>+</sup> T cells reveals an age $\hat{\text{associated}}$ signature linked to influenza vaccine response in older adults. Aging Cell, 2019, 18, e12960.	6.7	20
32	Advances in Disease Mechanisms and Translational Technologies: Clinicopathologic Significance of Inflammasome Activation in Autoimmune Diseases. Arthritis and Rheumatology, 2020, 72, 386-395.	5.6	19
33	Dissecting alterations in human CD8+ T cells with aging by high-dimensional single cell mass cytometry. Clinical Immunology, 2019, 200, 24-30.	3.2	18
34	The Effects of AHCC $\hat{\text{®}}$ , a Standardized Extract of Cultured <i>Lentinura edodes</i> Mycelia, on Natural Killer and T Cells in Health and Disease: Reviews on Human and Animal Studies. Journal of Immunology Research, 2019, 2019, 1-7.	2.2	18
35	Immune Analysis of Radium-223 in Patients With Metastatic Prostate Cancer. Clinical Genitourinary Cancer, 2018, 16, e469-e476.	1.9	16
36	Human monocytes have increased IFN- $\hat{3}$ -mediated IL-15 production with age alongside altered IFN- $\hat{3}$ receptor signaling. Clinical Immunology, 2014, 152, 101-110.	3.2	15

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37	Differentially Expressed Potassium Channels Are Associated with Function of Human Effector Memory CD8+ T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 859.	4.8	13
38	Nucleotide-binding domain and leucine-rich repeat-containing protein X1 deficiency induces nicotinamide adenine dinucleotide decline, mechanistic target of rapamycin activation, and cellular senescence and accelerates aging lung-like changes. <i>Aging Cell</i> , 2021, 20, e13410.	6.7	11
39	No evidence of fetal defects or anti-syncytin-1 antibody induction following COVID-19 mRNA vaccination. <i>PLoS Biology</i> , 2022, 20, e3001506.	5.6	10
40	Maintenance of CMV-specific CD8+ T cell responses and the relationship of IL-27 to IFN- $\gamma$ levels with aging. <i>Cytokine</i> , 2013, 61, 485-490.	3.2	9
41	Immunological and Clinical Phenotyping in Primary Antibody Deficiencies: a Growing Disease Spectrum. <i>Journal of Clinical Immunology</i> , 2020, 40, 592-601.	3.8	9
42	IL-7 receptor alpha defines heterogeneity and signature of human effector memory CD8+ T cells in high dimensional analysis. <i>Cellular Immunology</i> , 2020, 355, 104155.	3.0	7
43	Defining Clinical and Immunological Predictors of Poor Immune Responses to COVID-19 mRNA Vaccines in Patients with Primary Antibody Deficiency. <i>Journal of Clinical Immunology</i> , 2022, 42, 1137-1150.	3.8	7
44	Mass cytometry-based single-cell analysis of human stem cell reprogramming uncovers differential regulation of specific pluripotency markers. <i>Journal of Biological Chemistry</i> , 2019, 294, 18547-18556.	3.4	6
45	Low IgG trough and lymphocyte subset counts are associated with hospitalization for COVID-19 in patients with primary antibody deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 633-636.e3.	3.8	6
46	IL-7R $\alpha$ -low CD8+ T Cells from Healthy Individuals Are Anergic with Defective Glycolysis. <i>Journal of Immunology</i> , 2020, 205, 2968-2978.	0.8	5
47	AHCC <sup>®</sup> , a Standardized Extract of Cultured Lentinula Edodes Mycelia, Promotes the Anti-Tumor Effect of Dual Immune Checkpoint Blockade Effect in Murine Colon Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 875872.	4.8	5
48	A distinct association of inflammatory molecules with outcomes of COVID-19 in younger versus older adults. <i>Clinical Immunology</i> , 2021, 232, 108857.	3.2	4
49	Co-inhibitor expression on tumor infiltrating and splenic lymphocytes after dual checkpoint inhibition in a microsatellite stable model of colorectal cancer. <i>Scientific Reports</i> , 2021, 11, 6956.	3.3	3
50	Effector Memory CD8 <sup>+</sup> and CD4 <sup>+</sup> T Cell Immunity Associated with Metabolic Syndrome in Obese Children. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , 2021, 24, 377.	1.2	3
51	Editorial: Is the NLPR3 Inflammasome "Overheated" by Pneumococcal Vaccination in Cryopyrin-Associated Periodic Syndromes?. <i>Arthritis and Rheumatology</i> , 2016, 68, 274-276.	5.6	2
52	Infectious Complications Predict Premature CD8+ T-cell Senescence in CD40 Ligand-Deficient Patients. <i>Journal of Clinical Immunology</i> , 2021, 41, 795-806.	3.8	2
53	Analyzing the Effect of Aging on CD8+ T-Cell Phenotype Using Flow Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1343, 115-119.	0.9	2
54	Analysis of T Cells Using Flow Cytometry. <i>Journal of Rheumatic Diseases</i> , 2013, 20, 83.	1.1	1

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55	Systemic impact on tumor growth after combined immuno-thermal ablation in a murine model of colorectal cancer.. Journal of Clinical Oncology, 2020, 38, 198-198.	1.6	1
56	Reply to Cattoretti: Specificity of anti-MYC antibodies. Journal of Biological Chemistry, 2020, 295, 299-300.	3.4	0
57	Vaccinations and Biologics. Infectious Disease Clinics of North America, 2020, 34, 425-450.	5.1	0
58	Innate immunity in SLE pathogenesis. , 2021, , 181-188.		0
59	Dual roles of IL-15 in maintaining IL-7 receptor alpha low CCR7 <sup>hi</sup> memory CD8 <sup>+</sup> T cells in humans via recovering the PI3K/AKT pathway. FASEB Journal, 2008, 22, 846.18.	0.5	0
60	Effect of androgen receptor directed therapy in prostate cancer patients with COVID-19.. Journal of Clinical Oncology, 2022, 40, 161-161.	1.6	0