

# Sang-Jun Ha

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

8,286  
citations

76326

40  
h-index

49909

87  
g-index

118  
all docs

118  
docs citations

118  
times ranked

14355  
citing authors

#	ARTICLE	IF	CITATIONS
1	OASL1-Mediated Inhibition of Type I IFN Reduces Influenza A Infection-Induced Airway Inflammation by Regulating ILC2s. <i>Allergy, Asthma and Immunology Research</i> , 2022, 14, 99.	2.9	3
2	Immune Checkpoint Inhibitors in 10 Years: Contribution of Basic Research and Clinical Application in Cancer Immunotherapy. <i>Immune Network</i> , 2022, 22, e2.	3.6	53
3	Disproportional enrichment of FoxP3 <sup>+</sup> CD4 <sup>+</sup> regulatory T cells shapes a suppressive tumour microenvironment in head and neck squamous cell carcinoma. <i>Clinical and Translational Medicine</i> , 2022, 12, e753.	4.0	2
4	Establishment of a mechanism-based in vitro coculture assay for evaluating the efficacy of immune checkpoint inhibitors. <i>Cancer Immunology, Immunotherapy</i> , 2022, , 1.	4.2	0
5	Viral coinfection promotes tuberculosis immunopathogenesis by type I IFN signaling-dependent impediment of Th1 cell pulmonary influx. <i>Nature Communications</i> , 2022, 13, .	12.8	11
6	Enriching CCL3 in the Tumor Microenvironment Facilitates T cell Responses and Improves the Efficacy of Anti-PD-1 Therapy. <i>Immune Network</i> , 2021, 21, e23.	3.6	7
7	Programmed Death Ligand 1-Expressing Classical Dendritic Cells Mitigate -Induced Gastritis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 715-739.	4.5	9
8	Niche-specific MHC II and PD-L1 regulate CD4 <sup>+</sup> CD8 <sup>+</sup> intraepithelial lymphocyte differentiation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	17
9	Systems biology analysis identifies TNFRSF9 as a functional marker of tumor-infiltrating regulatory T-cell enabling clinical outcome prediction in lung cancer. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 860-868.	4.1	12
10	Overexpression of poliovirus receptor is associated with poor prognosis in head and neck squamous cell carcinoma patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2741-2750.	2.5	4
11	Biosynthesis of Nonimmunosuppressive ProlylFK506 Analogues with Neurite Outgrowth and Synaptogenic Activity. <i>Journal of Natural Products</i> , 2021, 84, 195-203.	3.0	1
12	Overexpression of PVR and PD-L1 and its association with prognosis in surgically resected squamous cell lung carcinoma. <i>Scientific Reports</i> , 2021, 11, 8551.	3.3	13
13	Clinical Insights Into Novel Immune Checkpoint Inhibitors. <i>Frontiers in Pharmacology</i> , 2021, 12, 681320.	3.5	76
14	Clinical Perspectives to Overcome Acquired Resistance to Anti-Programmed Death-1 and Anti-Programmed Death Ligand-1 Therapy in Non-Small Cell Lung Cancer. <i>Molecules and Cells</i> , 2021, 44, 363-373.	2.6	13
15	Perspectives on immune checkpoint ligands: expression, regulation, and clinical implications. <i>BMB Reports</i> , 2021, 54, 403-412.	2.4	7
16	Engineered Attenuated <i>Salmonella typhimurium</i> Expressing Neoantigen Has Anticancer Effects. <i>ACS Synthetic Biology</i> , 2021, 10, 2478-2487.	3.8	13
17	Therapeutic efficacy of cancer vaccine adjuvanted with nanoemulsion loaded with TLR7/8 agonist in lung cancer model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102415.	3.3	16
18	Dysregulation of TFH-B-TRM lymphocyte cooperation is associated with unfavorable anti-PD-1 responses in EGFR-mutant lung cancer. <i>Nature Communications</i> , 2021, 12, 6068.	12.8	31

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19	Differential Role of PD-1 Expressed by Various Immune and Tumor Cells in the Tumor Immune Microenvironment: Expression, Function, Therapeutic Efficacy, and Resistance to Cancer Immunotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 767466.	3.7	13
20	Distinct exhaustion features of T lymphocytes shape the tumor-immune microenvironment with therapeutic implication in patients with non-small-cell lung cancer. , 2021, 9, e002780.		15
21	VirtualCytometry: a webserver for evaluating immune cell differentiation using single-cell RNA sequencing data. <i>Bioinformatics</i> , 2020, 36, 546-551.	4.1	8
22	Identification of MYC as an antineoplastic protein that stifles RIPK1-RIPK3 complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19982-19993.	7.1	17
23	Genome-wide identification of differentially methylated promoters and enhancers associated with response to anti-PD-1 therapy in non-small cell lung cancer. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1550-1563.	7.7	99
24	Tumor-Infiltrating Regulatory T-cell Accumulation in the Tumor Microenvironment Is Mediated by IL33/ST2 Signaling. <i>Cancer Immunology Research</i> , 2020, 8, 1393-1406.	3.4	28
25	Peripheral natural killer cells and myeloid-derived suppressor cells correlate with anti-PD-1 responses in non-small cell lung cancer. <i>Scientific Reports</i> , 2020, 10, 9050.	3.3	43
26	Single-cell transcriptome analysis reveals TOX as a promoting factor for T cell exhaustion and a predictor for anti-PD-1 responses in human cancer. <i>Genome Medicine</i> , 2020, 12, 22.	8.2	98
27	CU06-1004-Induced Vascular Normalization Improves Immunotherapy by Modulating Tumor Microenvironment via Cytotoxic T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 620166.	4.8	12
28	Combination of PD-L1 and PVR determines sensitivity to PD-1 blockade. <i>JCI Insight</i> , 2020, 5, .	5.0	27
29	Re-defining T-Cell Exhaustion: Subset, Function, and Regulation. <i>Immune Network</i> , 2020, 20, e2.	3.6	33
30	Biosynthesis of Nonimmunosuppressive FK506 Analogues with Antifungal Activity. <i>Journal of Natural Products</i> , 2019, 82, 2078-2086.	3.0	18
31	CD160 serves as a negative regulator of NKT cells in acute hepatic injury. <i>Nature Communications</i> , 2019, 10, 3258.	12.8	29
32	Long-term protective efficacy with a BCG-prime ID93/GLA-SE boost regimen against the hyper-virulent <i>Mycobacterium tuberculosis</i> strain K in a mouse model. <i>Scientific Reports</i> , 2019, 9, 15560.	3.3	32
33	Monocyte-Derived Dendritic Cells Dictate the Memory Differentiation of CD8+ T Cells During Acute Infection. <i>Frontiers in Immunology</i> , 2019, 10, 1887.	4.8	26
34	The R229Q mutation of Rag2 does not characterize severe immunodeficiency in mice. <i>Scientific Reports</i> , 2019, 9, 4415.	3.3	4
35	Sustained Type I Interferon Reinforces NK Cell-Mediated Cancer Immunosurveillance during Chronic Virus Infection. <i>Cancer Immunology Research</i> , 2019, 7, 584-599.	3.4	27
36	IL-15 Generates IFN- $\gamma$ -producing Cells Reciprocally Expressing Lymphoid-Myeloid Markers during Dendritic Cell Differentiation. <i>International Journal of Biological Sciences</i> , 2019, 15, 464-480.	6.4	8

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37	Tumor microenvironment dictates regulatory T cell phenotype: Upregulated immune checkpoints reinforce suppressive function. , 2019, 7, 339.		65
38	The Ratio of Peripheral Regulatory T Cells to Lox-1 <sup>+</sup> Polymorphonuclear Myeloid-derived Suppressor Cells Predicts the Early Response to Anti-PD-1 Therapy in Patients with Non-Small Cell Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 243-246.	5.6	85
39	Structural Study of Monomethyl Fumarate-Bound Human GAPDH. Molecules and Cells, 2019, 42, 597-603.	2.6	10
40	Metabolic Reprogramming by the Excessive AMPK Activation Exacerbates Antigen-Specific Memory CD8 <sup>+</sup> T Cell Differentiation after Acute Lymphocytic Choriomeningitis Virus Infection. Immune Network, 2019, 19, e11.	3.6	7
41	Extrinsic Acquisition of CD80 by Antigen-Specific CD8 <sup>+</sup> T Cells Regulates Their Recall Immune Responses to Acute Viral Infection. Immune Network, 2019, 19, e25.	3.6	3
42	Regulation of chitinase-3-like-1 in T cell elicits Th1 and cytotoxic responses to inhibit lung metastasis. Nature Communications, 2018, 9, 503.	12.8	72
43	MicroRNA-150 controls differentiation of intraepithelial lymphocytes through TGF- $\beta$ 2 receptor II regulation. Journal of Allergy and Clinical Immunology, 2018, 141, 1382-1394.e14.	2.9	6
44	TLR2 contributes to trigger immune response of pleural mesothelial cells against Mycobacterium bovis BCG and M. tuberculosis infection. Cytokine, 2017, 95, 80-87.	3.2	6
45	miR-150-Mediated Foxo1 Regulation Programs CD8 <sup>+</sup> T Cell Differentiation. Cell Reports, 2017, 20, 2598-2611.	6.4	38
46	MicroRNA-150 modulates intracellular Ca <sup>2+</sup> levels in naïve CD8 <sup>+</sup> T cells by targeting TMEM20. Scientific Reports, 2017, 7, 2623.	3.3	9
47	Decreased ex vivo production of interferon-gamma is associated with severity and poor prognosis in patients with lupus. Arthritis Research and Therapy, 2017, 19, 193.	3.5	14
48	Semi-Functional Quantitative Flow Cytometry Assay for Lymphocytic Choriomeningitis Virus Titration. Immune Network, 2017, 17, 307.	3.6	2
49	Concordance of programmed death-ligand 1 expression between primary and metastatic non-small cell lung cancer by immunohistochemistry and RNA <i>in situ</i> hybridization. Oncotarget, 2017, 8, 87234-87243.	1.8	17
50	Effect of IL-4 on the Development and Function of Memory-like CD8 T Cells in the Peripheral Lymphoid Tissues. Immune Network, 2016, 16, 126.	3.6	13
51	Generation of Tolerogenic Dendritic Cells and Their Therapeutic Applications. Immune Network, 2016, 16, 52.	3.6	52
52	Cell Type Preference of a Novel Human Derived Cell-Permeable Peptide dNP2 and TAT in Murine Splenic Immune Cells. PLoS ONE, 2016, 11, e0155689.	2.5	16
53	PD-L1 expression on immune cells, but not on tumor cells, is a favorable prognostic factor for head and neck cancer patients. Scientific Reports, 2016, 6, 36956.	3.3	196
54	Combination of TLR1/2 and TLR3 ligands enhances CD4 <sup>+</sup> T cell longevity and antibody responses by modulating type I IFN production. Scientific Reports, 2016, 6, 32526.	3.3	14

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55	Phenotypic and Functional Analysis of Activated Regulatory T Cells Isolated from Chronic Lymphocytic Choriomeningitis Virus-infected Mice. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	1
56	Cisplatin induces tolerogenic dendritic cells in response to TLR agonists via the abundant production of IL-10, thereby promoting Th2- and Tr1-biased T-cell immunity. <i>Oncotarget</i> , 2016, 7, 33765-33782.	1.8	26
57	Altered Biological Potential and Radioresponse of Murine Tumors in Different Microenvironments. <i>Cancer Research and Treatment</i> , 2016, 48, 727-737.	3.0	5
58	A small molecule inhibitor for ATPase activity of Hsp70 and Hsc70 enhances the immune response to protein antigens. <i>Scientific Reports</i> , 2015, 5, 17642.	3.3	11
59	IL-4 Induced Innate CD8+ T Cells Control Persistent Viral Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005193.	4.7	36
60	Peptidylarginine deiminase inhibition impairs Toll-like receptor agonist-induced functional maturation of dendritic cells, resulting in the loss of T cell-proliferative capacity: a partial mechanism with therapeutic potential in inflammatory settings. <i>Journal of Leukocyte Biology</i> , 2015, 97, 351-362.	3.3	30
61	Discrimination between Active and Latent Tuberculosis Based on Ratio of Antigen-Specific to Mitogen-Induced IP-10 Production. <i>Journal of Clinical Microbiology</i> , 2015, 53, 504-510.	3.9	55
62	Identification of a subnuclear body involved in sequence-specific cytokine RNA processing. <i>Nature Communications</i> , 2015, 6, 5791.	12.8	20
63	PD-1 Upregulated on Regulatory T Cells during Chronic Virus Infection Enhances the Suppression of CD8+ T Cell Immune Response via the Interaction with PD-L1 Expressed on CD8+ T Cells. <i>Journal of Immunology</i> , 2015, 194, 5801-5811.	0.8	170
64	AMIGO2, a novel membrane anchor of PDK1, controls cell survival and angiogenesis via Akt activation. <i>Journal of Cell Biology</i> , 2015, 211, 619-637.	5.2	49
65	Diagnostic Performance of a Cytokine and IFN- $\gamma$ -Induced Chemokine mRNA Assay after Mycobacterium tuberculosis-Specific Antigen Stimulation in Whole Blood from Infected Individuals. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 90-99.	2.8	24
66	AMIGO2, a novel membrane anchor of PDK1, controls cell survival and angiogenesis via Akt activation. <i>Journal of Experimental Medicine</i> , 2015, 212, 2121-2130.	8.5	1
67	PD-1: Dual guard for immunopathology. <i>Oncotarget</i> , 2015, 6, 21783-21784.	1.8	1
68	Inhibition of IL-17A Suppresses Enhanced-Tumor Growth in Low Dose Pre-Irradiated Tumor Beds. <i>PLoS ONE</i> , 2014, 9, e106423.	2.5	20
69	Enhancing T Cell Immune Responses by B Cell-based Therapeutic Vaccine Against Chronic Virus Infection. <i>Immune Network</i> , 2014, 14, 207.	3.6	3
70	Differentiation of Antigen-Specific T Cells with Limited Functional Capacity during Mycobacterium tuberculosis Infection. <i>Infection and Immunity</i> , 2014, 82, 3514-3514.	2.2	1
71	Regulatory T cells—an important target for cancer immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2014, 11, 307-307.	27.6	7
72	Differentiation of Antigen-Specific T Cells with Limited Functional Capacity during Mycobacterium tuberculosis Infection. <i>Infection and Immunity</i> , 2014, 82, 132-139.	2.2	20

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73	Highly efficient gene knockout in mice and zebrafish with RNA-guided endonucleases. <i>Genome Research</i> , 2014, 24, 125-131.	5.5	249
74	Direct endothelial junction restoration results in significant tumor vascular normalization and metastasis inhibition in mice. <i>Oncotarget</i> , 2014, 5, 2761-2777.	1.8	38
75	Recruitment of monocytes/macrophages in different tumor microenvironments. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1835, 170-179.	7.4	136
76	<sc>E</sc>gr2 induced during <sc>DC</sc> development acts as an intrinsic negative regulator of <sc>DC</sc> immunogenicity. <i>European Journal of Immunology</i> , 2013, 43, 2484-2496.	2.9	51
77	A phase I trial of gefitinib and nimotuzumab in patients with advanced non-small cell lung cancer (NSCLC). <i>Lung Cancer</i> , 2013, 79, 270-275.	2.0	17
78	Interleukin-21 Is a Critical Cytokine for the Generation of Virus-Specific Long-Lived Plasma Cells. <i>Journal of Virology</i> , 2013, 87, 7737-7746.	3.4	90
79	Negative Regulation of Type I IFN Expression by OASL1 Permits Chronic Viral Infection and CD8+ T-Cell Exhaustion. <i>PLoS Pathogens</i> , 2013, 9, e1003478.	4.7	41
80	Fibroblast Growth Factor Receptor 1 Gene Amplification Is Associated With Poor Survival and Cigarette Smoking Dosage in Patients With Resected Squamous Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2013, 31, 731-737.	1.6	154
81	PD-L1 blockade synergizes with IL-2 therapy in reinvigorating exhausted T cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 2604-2615.	8.2	245
82	The Impact of Cigarette Smoking on the Frequency of and Qualitative Differences in KRAS Mutations in Korean Patients with Lung Adenocarcinoma. <i>Yonsei Medical Journal</i> , 2013, 54, 865.	2.2	18
83	Activation of IL-6R/JAK1/STAT3 Signaling Induces <i>De Novo</i> Resistance to Irreversible EGFR Inhibitors in Non-Small Cell Lung Cancer with T790M Resistance Mutation. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2254-2264.	4.1	179
84	High EGFR Gene Copy Number and Skin Rash as Predictive Markers for EGFR Tyrosine Kinase Inhibitors in Patients with Advanced Squamous Cell Lung Carcinoma. <i>Clinical Cancer Research</i> , 2012, 18, 1760-1768.	7.0	60
85	Tumor-infiltrating regulatory T cells delineated by upregulation of PD-1 and inhibitory receptors. <i>Cellular Immunology</i> , 2012, 278, 76-83.	3.0	75
86	Distinct clinical features and outcomes in never-smokers with nonsmall cell lung cancer who harbor EGFR or KRAS mutations or ALK rearrangement. <i>Cancer</i> , 2012, 118, 729-739.	4.1	132
87	Mind Bomb-1 in Dendritic Cells Is Specifically Required for Notch-mediated T Helper Type 2 Differentiation. <i>PLoS ONE</i> , 2012, 7, e36359.	2.5	12
88	Lung cancer in never smokers: Change of a mindset in the molecular era. <i>Lung Cancer</i> , 2011, 72, 9-15.	2.0	78
89	Chronic Virus Infection Enforces Demethylation of the Locus that Encodes PD-1 in Antigen-Specific CD8+ T Cells. <i>Immunity</i> , 2011, 35, 400-412.	14.3	357
90	Co-Immunization of Plasmid DNA Encoding IL-12 and IL-18 with Bacillus Calmette-Guérin Vaccine against Progressive Tuberculosis. <i>Yonsei Medical Journal</i> , 2011, 52, 1008.	2.2	8

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91	Antigen-specific CD4 T-cell help rescues exhausted CD8 T cells during chronic viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21182-21187.	7.1	155
92	4-1BB Signaling Synergizes with Programmed Death Ligand 1 Blockade To Augment CD8 T Cell Responses during Chronic Viral Infection. Journal of Immunology, 2011, 187, 1634-1642.	0.8	83
93	Mechanism of T cell exhaustion in a chronic environment. BMB Reports, 2011, 44, 217-231.	2.4	50
94	Cooperation of Tim-3 and PD-1 in CD8 T-cell exhaustion during chronic viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14733-14738.	7.1	697
95	PD-L1 has distinct functions in hematopoietic and nonhematopoietic cells in regulating T cell responses during chronic infection in mice. Journal of Clinical Investigation, 2010, 120, 2508-2515.	8.2	129
96	Visualizing Antigen-Specific and Infected Cells in Situ Predicts Outcomes in Early Viral Infection. Science, 2009, 323, 1726-1729.	12.6	176
97	Impact of Epitope Escape on PD-1 Expression and CD8 T-Cell Exhaustion during Chronic Infection. Journal of Virology, 2009, 83, 4386-4394.	3.4	125
98	Manipulating both the inhibitory and stimulatory immune system towards the success of therapeutic vaccination against chronic viral infections. Immunological Reviews, 2008, 223, 317-333.	6.0	82
99	IL-10 and PD-L1 operate through distinct pathways to suppress T-cell activity during persistent viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20428-20433.	7.1	186
100	Enhancing therapeutic vaccination by blocking PD-1-mediated inhibitory signals during chronic infection. Journal of Experimental Medicine, 2008, 205, 543-555.	8.5	201
101	Molecular Signature of CD8+ T Cell Exhaustion during Chronic Viral Infection. Immunity, 2007, 27, 670-684.	14.3	1,695
102	Enhanced Immunogenicity and Protective Efficacy with the Use of Interleukin-12-Encapsulated Microspheres plus AS01B in Tuberculosis Subunit Vaccination. Infection and Immunity, 2006, 74, 4954-4959.	2.2	37
103	Stimulation History Dictates Memory CD8 T Cell Phenotype: Implications for Prime-Boost Vaccination. Journal of Immunology, 2006, 177, 831-839.	0.8	266
104	Protective effect of DNA vaccine during chemotherapy on reactivation and reinfection of Mycobacterium tuberculosis. Gene Therapy, 2005, 12, 634-638.	4.5	56
105	Enhancement of Interleukin-12 Gene-Based Tumor Immunotherapy by the Reduced Secretion of p40 Subunit and the Combination with Farnesyltransferase Inhibitor. Human Gene Therapy, 2005, 16, 328-338.	2.7	22
106	IL-12 Priming during In Vitro Antigenic Stimulation Changes Properties of CD8 T Cells and Increases Generation of Effector and Memory Cells. Journal of Immunology, 2004, 172, 2818-2826.	0.8	59
107	IL-23 Induces Stronger Sustained CTL and Th1 Immune Responses Than IL-12 in Hepatitis C Virus Envelope Protein 2 DNA Immunization. Journal of Immunology, 2004, 172, 525-531.	0.8	71
108	Therapeutic effect of DNA vaccines combined with chemotherapy in a latent infection model after aerosol infection of mice with Mycobacterium tuberculosis. Gene Therapy, 2003, 10, 1592-1599.	4.5	70

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109	Engineering N-glycosylation mutations in IL-12 enhances sustained cytotoxic T lymphocyte responses for DNA immunization. <i>Nature Biotechnology</i> , 2002, 20, 381-386.	17.5	55
110	Enhancement of VP1-specific immune responses and protection against EMCV-K challenge by co-delivery of IL-12 DNA with VP1 DNA vaccine. <i>Vaccine</i> , 2001, 19, 1891-1898.	3.8	11
111	Hepatitis C Virus Core Protein Inhibits Interleukin 12 and Nitric Oxide Production from Activated Macrophages. <i>Virology</i> , 2001, 279, 271-279.	2.4	65
112	A Novel Function of Phosphorothioate Oligodeoxynucleotides as Chemoattractants for Primary Macrophages. <i>Journal of Immunology</i> , 2001, 167, 2847-2854.	0.8	40
113	A neuron-specific gene transfer by a recombinant defective Sindbis virus. <i>Molecular Brain Research</i> , 1998, 63, 53-61.	2.3	39
114	Rapid recruitment of macrophages in interleukin-12-mediated tumour regression. <i>Immunology</i> , 1998, 95, 156-163.	4.4	27