

Su-Hyung Park

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

2,876
citations

27
h-index

51
g-index

103
ext. papers

4,111
ext. citations

9.8
avg, IF

5.45
L-index

#	Paper	IF	Citations
93	Immunophenotyping of COVID-19 and influenza highlights the role of type I interferons in development of severe COVID-19. <i>Science Immunology</i> , 2020 , 5,	28	369
92	Immune responses to HCV and other hepatitis viruses. <i>Immunity</i> , 2014 , 40, 13-24	32.3	193
91	Immune responses and immunopathology in acute and chronic viral hepatitis. <i>Nature Reviews Immunology</i> , 2016 , 16, 509-23	36.5	176
90	Association Between Expression Level of PD1 by Tumor-Infiltrating CD8 T Cells and Features of Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2018 , 155, 1936-1950.e17	13.3	141
89	Predictors of mortality in Middle East respiratory syndrome (MERS). <i>Thorax</i> , 2018 , 73, 286-289	7.3	126
88	Correlation of antiviral T-cell responses with suppression of viral rebound in chronic hepatitis B carriers: a proof-of-concept study. <i>Gene Therapy</i> , 2006 , 13, 1110-7	4	97
87	YAP-Induced PD-L1 Expression Drives Immune Evasion in BRAFi-Resistant Melanoma. <i>Cancer Immunology Research</i> , 2018 , 6, 255-266	12.5	91
86	PD-1-Expressing SARS-CoV-2-Specific CD8 T Cells Are Not Exhausted, but Functional in Patients with COVID-19. <i>Immunity</i> , 2021 , 54, 44-52.e3	32.3	88
85	VEGF-A drives TOX-dependent T cell exhaustion in anti-PD-1-resistant microsatellite stable colorectal cancers. <i>Science Immunology</i> , 2019 , 4,	28	77
84	The First-week Proliferative Response of Peripheral Blood PD-1CD8 T Cells Predicts the Response to Anti-PD-1 Therapy in Solid Tumors. <i>Clinical Cancer Research</i> , 2019 , 25, 2144-2154	12.9	74
83	Innate-like Cytotoxic Function of Bystander-Activated CD8 T Cells Is Associated with Liver Injury in Acute Hepatitis A. <i>Immunity</i> , 2018 , 48, 161-173.e5	32.3	73
82	Sustained E2 antibody response correlates with reduced peak viremia after hepatitis C virus infection in the chimpanzee. <i>Hepatology</i> , 2005 , 42, 1429-36	11.2	69
81	Successful vaccination induces multifunctional memory T-cell precursors associated with early control of hepatitis C virus. <i>Gastroenterology</i> , 2012 , 143, 1048-60.e4	13.3	58
80	SARS-CoV-2-specific T cell memory is sustained in COVID-19 convalescent patients for 10 months with successful development of stem cell-like memory T cells. <i>Nature Communications</i> , 2021 , 12, 4043	17.4	53
79	Roles of unphosphorylated ISGF3 in HCV infection and interferon responsiveness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10443-8	11.5	52
78	Hyperprogressive disease during PD-1 blockade in patients with advanced hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2021 , 74, 350-359	13.4	51
77	Programmed cell death ligand 1 alleviates psoriatic inflammation by suppressing IL-17A production from programmed cell death 1-high T cells. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1466-1476.e349	11.5	49

76	Effect of ribavirin on viral kinetics and liver gene expression in chronic hepatitis C. <i>Gut</i> , 2014 , 63, 161-9	19.2	48
75	Delayed induction, not impaired recruitment, of specific CD8+ T cells causes the late onset of acute hepatitis C. <i>Gastroenterology</i> , 2011 , 141, 686-95, 695.e1	13.3	47
74	The frequency of CD127(+) hepatitis C virus (HCV)-specific T cells but not the expression of exhaustion markers predicts the outcome of acute HCV infection. <i>Journal of Virology</i> , 2013 , 87, 4772-7	6.6	40
73	Subinfectious hepatitis C virus exposures suppress T cell responses against subsequent acute infection. <i>Nature Medicine</i> , 2013 , 19, 1638-42	50.5	36
72	Immune-mediated Liver Injury in Hepatitis B Virus Infection. <i>Immune Network</i> , 2015 , 15, 191-8	6.1	35
71	Efficient induction of T helper 1 CD4+ T-cell responses to hepatitis C virus core and E2 by a DNA prime-adenovirus boost. <i>Vaccine</i> , 2003 , 21, 4555-64	4.1	34
70	Enhanced immunogenicity and protective efficacy with the use of interleukin-12-encapsulated microspheres plus AS01B in tuberculosis subunit vaccination. <i>Infection and Immunity</i> , 2006 , 74, 4954-8	3.7	32
69	Effect of combined anti-PD-1 and temozolomide therapy in glioblastoma. <i>Oncotmunology</i> , 2019 , 8, e1525243	7.2	31
68	4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8 T Cells in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020 , 71, 955-971	11.2	31
67	Immune Checkpoint Inhibitor-induced Reinvigoration of Tumor-infiltrating CD8 T Cells is Determined by Their Differentiation Status in Glioblastoma. <i>Clinical Cancer Research</i> , 2019 , 25, 2549-2559	12.9	29
66	Hepatitis C virus attenuates interferon-induced major histocompatibility complex class I expression and decreases CD8+ T cell effector functions. <i>Gastroenterology</i> , 2014 , 146, 1351-60.e1-4	13.3	26
65	Arterial Stiffness Is Associated With Cytomegalovirus-Specific Senescent CD8 T Cells. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	25
64	Serum IP-10 Levels Correlate with the Severity of Liver Histopathology in Patients Infected with Genotype-1 HCV. <i>Gut and Liver</i> , 2011 , 5, 506-12	4.8	25
63	Basophil-derived IL-6 regulates T17 cell differentiation and CD4 T cell immunity. <i>Scientific Reports</i> , 2017 , 7, 41744	4.9	23
62	CXCL10 is produced in hepatitis A virus-infected cells in an IRF3-dependent but IFN-independent manner. <i>Scientific Reports</i> , 2017 , 7, 6387	4.9	22
61	Human liver CD8 MAIT cells exert TCR/MR1-independent innate-like cytotoxicity in response to IL-15. <i>Journal of Hepatology</i> , 2020 , 73, 640-650	13.4	20
60	Nano-patterning of a stainless steel microneedle surface to improve the dip-coating efficiency of a DNA vaccine and its immune response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 54-61	6	20
59	Optimal induction of T-cell responses against hepatitis C virus E2 by antigen engineering in DNA immunization. <i>Journal of Virology</i> , 2003 , 77, 11596-602	6.6	20

58	Co-Stimulatory Receptors in Cancers and Their Implications for Cancer Immunotherapy. <i>Immune Network</i> , 2020 , 20, e3	6.1	20
57	Development of a SFTSV DNA vaccine that confers complete protection against lethal infection in ferrets. <i>Nature Communications</i> , 2019 , 10, 3836	17.4	19
56	Trace amounts of sporadically reappearing HCV RNA can cause infection. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3469-78	15.9	19
55	Functions of human liver CD69CD103CD8 T cells depend on HIF-2 β activity in healthy and pathologic livers. <i>Journal of Hepatology</i> , 2020 , 72, 1170-1181	13.4	18
54	IFN- γ potentially blocks IFN- β signalling by ISG15 and USP18 in hepatitis C virus infection. <i>Scientific Reports</i> , 2017 , 7, 3821	4.9	17
53	Rbfox2 dissociation from stress granules suppresses cancer progression. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-12	12.8	17
52	Stress Granules Contain Rbfox2 with Cell Cycle-related mRNAs. <i>Scientific Reports</i> , 2017 , 7, 11211	4.9	17
51	The synthetic peptide Trp-Lys-Tyr-Met-Val-D-Met as a novel adjuvant for DNA vaccine. <i>Vaccine</i> , 2005 , 23, 4703-10	4.1	17
50	Tumor Necrosis Factor-producing T-regulatory Cells Are Associated With Severe Liver Injury in Patients With Acute Hepatitis A. <i>Gastroenterology</i> , 2018 , 154, 1047-1060	13.3	16
49	Increased frequency of CD4CD57 senescent T cells in patients with newly diagnosed acute heart failure: exploring new pathogenic mechanisms with clinical relevance. <i>Scientific Reports</i> , 2019 , 9, 12887	4.9	15
48	Impaired polyfunctionality of CD8 T cells in severe sepsis patients with human cytomegalovirus reactivation. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e382	12.8	14
47	PD-1 Blockade Reinvigorates Bone Marrow CD8 T Cells from Patients with Multiple Myeloma in the Presence of TGF β Inhibitors. <i>Clinical Cancer Research</i> , 2020 , 26, 1644-1655	12.9	14
46	Codelivery of IL-7 Augments Multigenic HCV DNA Vaccine-induced Antibody as well as Broad T Cell Responses in Cynomolgus Monkeys. <i>Immune Network</i> , 2010 , 10, 198-205	6.1	14
45	Targeting inducible costimulator expressed on CXCR5PD-1 T cells suppresses the progression of pemphigus vulgaris. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1070-1079.e8	11.5	14
44	T cell epitopes in SARS-CoV-2 proteins are substantially conserved in the Omicron variant.. <i>Cellular and Molecular Immunology</i> , 2022 ,	15.4	13
43	TOX-expressing terminally exhausted tumor-infiltrating CD8 T cells are reinvigorated by co-blockade of PD-1 and TIGIT in bladder cancer. <i>Cancer Letters</i> , 2021 , 499, 137-147	9.9	13
42	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	12.5	12
41	Immunological and clinical implications of immune checkpoint blockade in human cancer. <i>Archives of Pharmacal Research</i> , 2019 , 42, 567-581	6.1	10

40	Superantigen-related T2 CD4 T cells in nonasthmatic chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1378-1388.e10	11.5	10
39	PD-1 blockade-unresponsive human tumor-infiltrating CD8 T cells are marked by loss of CD28 expression and rescued by IL-15. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 385-397	15.4	10
38	Dynamic Changes in Ex Vivo T-Cell Function After Viral Clearance in Chronic HCV Infection. <i>Journal of Infectious Diseases</i> , 2019 , 220, 1290-1301	7	9
37	IFNL3-adjuvanted HCV DNA vaccine reduces regulatory T cell frequency and increases virus-specific T cell responses. <i>Journal of Hepatology</i> , 2020 , 73, 72-83	13.4	9
36	Detection and Characterization of Hepatitis B Virus-Specific CD8 T Cells in Patients Considered Immune Tolerant. <i>Frontiers in Immunology</i> , 2019 , 10, 1319	8.4	9
35	Longitudinal Assessment of Antisevere Acute Respiratory Syndrome Coronavirus 2 Immune Responses for Six Months Based on the Clinical Severity of Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2021 , 224, 754-763	7	9
34	Phenotypic and Functional Analysis of Human NK Cell Subpopulations According to the Expression of FcR1 and NKG2C. <i>Frontiers in Immunology</i> , 2019 , 10, 2865	8.4	9
33	Dynamic changes in circulating PD-1CD8 T lymphocytes for predicting treatment response to PD-1 blockade in patients with non-small-cell lung cancer. <i>European Journal of Cancer</i> , 2021 , 143, 113-126	7.5	9
32	Early reduction of regulatory T cells is associated with acute rejection in liver transplantation under tacrolimus-based immunosuppression with basiliximab induction. <i>American Journal of Transplantation</i> , 2020 , 20, 2058-2069	8.7	8
31	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39+ CD8 T cells from primary and metastatic sites of epithelial ovarian cancers 2020 , 8, e001650		8
30	Codelivery of PEG-IFN-alpha inhibits HCV DNA vaccine-induced T cell responses but not humoral responses in African green monkeys. <i>Vaccine</i> , 2008 , 26, 3978-83	4.1	7
29	Distinct tumor immune microenvironments in primary and metastatic lesions in gastric cancer patients. <i>Scientific Reports</i> , 2020 , 10, 14293	4.9	7
28	Adaptive Natural Killer Cells Facilitate Effector Functions of Daratumumab in Multiple Myeloma. <i>Clinical Cancer Research</i> , 2021 , 27, 2947-2958	12.9	7
27	Herpes Zoster DNA Vaccines with IL-7 and IL-33 Molecular Adjuvants Elicit Protective T Cell Immunity. <i>Immune Network</i> , 2018 , 18, e38	6.1	7
26	Single-cell transcriptome of bronchoalveolar lavage fluid reveals sequential change of macrophages during SARS-CoV-2 infection in ferrets. <i>Nature Communications</i> , 2021 , 12, 4567	17.4	7
25	Abnormality in the NK-cell population is prolonged in severe COVID-19 patients. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 996-1006.e18	11.5	7
24	Activation of human natural killer cells by the soluble form of cellular prion protein. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 512-8	3.4	6
23	hIL-7-hyFc, A Long-Acting IL-7, Increased Absolute Lymphocyte Count in Healthy Subjects. <i>Clinical and Translational Science</i> , 2020 , 13, 1161-1169	4.9	6

22	Age-dependent pathogenic characteristics of SARS-CoV-2 infection in ferrets.. <i>Nature Communications</i> , 2022 , 13, 21	17.4	6
21	Two-Round Mixed Lymphocyte Reaction for Evaluation of the Functional Activities of Anti-PD-1 and Immunomodulators. <i>Immune Network</i> , 2018 , 18, e45	6.1	6
20	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39 CD8 T cells from primary and metastatic sites of epithelial ovarian cancers 2020 , 8,		5
19	Novel anti-4-1BB β D-L1 bispecific antibody augments anti-tumor immunity through tumor-directed T-cell activation and checkpoint blockade 2021 , 9,		5
18	Analysis of cytomegalovirus-specific T-cell responses in patients with hypertension: comparison of assay methods and antigens. <i>Clinical Hypertension</i> , 2018 , 24, 5	4.8	4
17	Age-dependent pathogenic characteristics of SARS-CoV-2 infection in ferrets 2021 ,		4
16	Immunoproteasome induction is suppressed in hepatitis C virus-infected cells in a protein kinase R-dependent manner. <i>Experimental and Molecular Medicine</i> , 2016 , 48, e270	12.8	3
15	Spatial immune heterogeneity of hypoxia-induced exhausted features in high-grade glioma.. <i>Oncolmunology</i> , 2022 , 11, 2026019	7.2	3
14	Safety and immunogenicity of two recombinant DNA COVID-19 vaccines containing the coding regions of the spike or spike and nucleocapsid proteins: an interim analysis of two open-label, non-randomised, phase 1 trials in healthy adults.. <i>Lancet Microbe</i> , 2022 ,	22.2	3
13	SARS-CoV-2-specific T Cell Memory is Sustained in COVID-19 Convalescents for 8 Months with Successful Development of Stem Cell-like Memory T Cells		3
12	IL-15 enhances CCR5-mediated migration of memory CD8 T cells by upregulating CCR5 expression in the absence of TCR stimulation. <i>Cell Reports</i> , 2021 , 36, 109438	10.6	3
11	Implication of CD69 CD103 tissue-resident-like CD8 T cells as a potential immunotherapeutic target for cholangiocarcinoma. <i>Liver International</i> , 2021 , 41, 764-776	7.9	3
10	Enhancement of Antigen-specific Antibody and CD8+T Cell Responses by Codelivery of IL-12-encapsulated Microspheres in Protein and Peptide Vaccination. <i>Immune Network</i> , 2007 , 7, 186	6.1	2
9	Direct Ex Vivo Functional Analysis of HCV-Specific T Cells. <i>Methods in Molecular Biology</i> , 2019 , 1911, 349-361	11.4	2
8	Impaired antibacterial response of liver sinusoidal V β V α T cells in patients with chronic liver disease. <i>Gut</i> , 2021 ,	19.2	2
7	IL-17A-producing sinonasal MAIT cells in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	2
6	Single-cell Transcriptome of Bronchoalveolar Lavage Fluid Reveals Dynamic Change of Macrophages During SARS-CoV-2 Infection in Ferrets		1
5	Expansion of CD45RAFOXP3 regulatory T cells is associated with immune tolerance in patients with combined kidney and bone marrow transplantation. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1325	6.8	0

4	Longitudinal Intravital Imaging of Tumor-Infiltrating Lymphocyte Motility in Breast Cancer Models. <i>Journal of Breast Cancer</i> , 2021 , 24, 463-473	3	o
3	Increase of V α T Cells That Robustly Produce IL-17A in Advanced Abdominal Aortic Aneurysm Tissues. <i>Immune Network</i> , 2021 , 21, e17	6.1	o
2	Monitoring peripheral blood PD-1+CD8+T cells to predict response to anti-PD-1 therapy in solid tumors.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e24115-e24115	2.2	
1	Advances in immune checkpoint inhibitors for hepatocellular carcinoma. <i>Journal of Liver Cancer</i> , 2021 , 21, 139-145	0.7	