Chang H Kim

List of Publications by Year in Descending Order

131 papers	11,383 citations	55 h-index	106 g-index
136 ext. papers	12,992 ext. citations	7.1 avg, IF	6.75 L-index

#	Paper	IF	Citations
131	Control of lymphocyte functions by gut microbiota-derived short-chain fatty acids. *Cellular and Molecular Immunology*, **2021**, 18, 1161-1171	15.4	35
130	Dietary fiber metabolites regulate innate lymphoid cell responses. *Mucosal Immunology*, **2021**, 14, 317-330	9.2	31
129	A ligand-independent fast function of RAR promotes exit from metabolic quiescence upon T cell activation and controls T cell differentiation. *Mucosal Immunology*, **2021**, 14, 100-112	9.2	5
128	IL-4-BATF signaling directly modulates IL-9 producing mucosal mast cell (MMC9) function in experimental food allergy. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 280-295	11.5	4
127	The Butyrate-Producing Bacterium Suppresses Infection via Neutrophil- and Antimicrobial Cytokine-Dependent but GPR43/109a-Independent Mechanisms. *Journal of Immunology*, **2021**, 206, 1576-1585	5.3	12
126	Regulation of common neurological disorders by gut microbial metabolites. *Experimental and Molecular Medicine*, **2021**,	12.8	4
125	Regulatory T-Cells and Th17 Cells in Tumor Microenvironment **2020**, 91-106		1
124	Single-Cell Transcriptome Analysis of Colon Cancer Cell Response to 5-Fluorouracil-Induced DNA Damage. *Cell Reports*, **2020**, 32, 108077	10.6	10
123	BATF regulates innate lymphoid cell hematopoiesis and homeostasis. *Science Immunology*, **2020**, 5,	28	8
122	Weak Microbial Metabolites: a Treasure Trove for Using Biomimicry to Discover and Optimize Drugs. *Molecular Pharmacology*, **2020**, 98, 343-349	4.3	2
121	Periarteriolar stroma cells guide T cells from the red to the white pulp in the spleen. *Cellular and Molecular Immunology*, **2020**, 17, 1019-1021	15.4	3
120	Bidirectional regulatory potentials of short-chain fatty acids and their G-protein-coupled receptors in autoimmune neuroinflammation. *Scientific Reports*, **2019**, 9, 8837	4.9	45
119	Differential food protein-induced inflammatory responses in swine lines selected for reactivity to soy antigens. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 1566-1569	9.3	3
118	Control of Tissue-Resident Invariant NKT Cells by Vitamin A Metabolites and P2X7-Mediated Cell Death. *Journal of Immunology*, **2019**, 203, 1189-1197	5.3	8
117	Immune regulation by microbiome metabolites. *Immunology*, **2018**, 154, 220-229	7.8	133
116	Microbial metabolites, short-chain fatty acids, restrain tissue bacterial load, chronic inflammation, and associated cancer in the colon of mice. *European Journal of Immunology*, **2018**, 48, 1235-1247	6.1	40
115	Microbiota or short-chain fatty acids: which regulates diabetes?. *Cellular and Molecular Immunology*, **2018**, 15, 88-91	15.4	67

114	Application of Sequential Palladium Catalysis for the Discovery of Janus Kinase Inhibitors in the Benzo[c]pyrrolo[2,3- h][1,6]naphthyridin-5-one (BPN) Series. *Journal of Medicinal Chemistry*, **2018**, 61, 10440-10462	8.3	8
113	RARsupports the development of Langerhans cells and langerin-expressing conventional dendritic cells. *Nature Communications*, **2018**, 9, 3896	17.4	11
112	Control of Innate and Adaptive Lymphocytes by the RAR-Retinoic Acid Axis. *Immune Network*, **2018**, 18, e1	6.1	14
111	Regulation of humoral immunity by gut microbial products. *Gut Microbes*, **2017**, 8, 392-399	8.8	38
110	Contraction of intestinal effector T cells by retinoic acid-induced purinergic receptor P2X7. *Mucosal Immunology*, **2017**, 10, 912-923	9.2	28
109	Parkinson disease-associated transgene disrupts marrow myelopoiesis and peripheral Th17 response. *Journal of Leukocyte Biology*, **2017**, 102, 1093-1102	6.5	17
108	Succinylated chitosan derivative has local protective effects on intestinal inflammation. *ACS Biomaterials Science and Engineering*, **2017**, 3, 1853-1860	5.5	15
107	Outcomes of standard and tailored anti-tuberculosis regimens in patients with tuberculous pleural effusion. *International Journal of Tuberculosis and Lung Disease*, **2016**, 20, 1516-1521	2.1	3
106	Chronically Elevated Levels of Short-Chain Fatty Acids Induce T Cell-Mediated Ureteritis and Hydronephrosis. *Journal of Immunology*, **2016**, 196, 2388-400	5.3	88
105	Migration and Tissue Tropism of Innate Lymphoid Cells. *Trends in Immunology*, **2016**, 37, 68-79	14.4	114
104	B cell-helping functions of gut microbial metabolites. *Microbial Cell*, **2016**, 3, 529-531	3.9	15
103	Gut Microbial Metabolites Fuel Host Antibody Responses. *Cell Host and Microbe*, **2016**, 20, 202-14	23.4	361
102	Colonization and effector functions of innate lymphoid cells in mucosal tissues. *Microbes and Infection*, **2016**, 18, 604-614	9.3	12
101	Retinoic Acid Differentially Regulates the Migration of Innate Lymphoid Cell Subsets to the Gut. *Immunity*, **2015**, 43, 107-19	32.3	141
100	A functional relay from progesterone to vitamin D in the immune system. *DNA and Cell Biology*, **2015**, 34, 379-82	3.6	8
99	A genetic variation in microRNA target site of KRT81 gene is associated with survival in early-stage non-small-cell lung cancer. *Annals of Oncology*, **2015**, 26, 1142-1148	10.3	20
98	Short-chain fatty acids induce both effector and regulatory T cells by suppression of histone deacetylases and regulation of the mTOR-S6K pathway. *Mucosal Immunology*, **2015**, 8, 80-93	9.2	495
97	Trends and Disparities in Cardiovascular Mortality Among Survivors of Hodgkin Lymphoma. *Clinical Lymphoma, Myeloma and Leukemia*, **2015**, 15, 748-52	2	17

96	Cutting edge: progesterone directly upregulates vitamin d receptor gene expression for efficient regulation of T cells by calcitriol. *Journal of Immunology*, **2015**, 194, 883-6	5.3	18
95	Human Tfh and Tfr cells: identification and assessment of their migration potential. *Methods in Molecular Biology*, **2015**, 1291, 175-86	1.4	2
94	Regulatory T Cells and Th17 Cells in Cancer Microenvironment **2015**, 77-91		1
93	Comparison of the incidence between tuberculosis and nontuberculous mycobacterial disease after gastrectomy. *Infection*, **2014**, 42, 697-704	5.8	7
92	Gut microbiota-derived short-chain Fatty acids, T cells, and inflammation. *Immune Network*, **2014**, 14, 277-88	6.1	330
91	Crawling of effector T cells on extracellular matrix: role of integrins in interstitial migration in inflamed tissues. *Cellular and Molecular Immunology*, **2014**, 11, 1-4	15.4	5
90	Predictive factors for tuberculosis in patients with a TB-PCR-negative bronchial aspirate. *Infection*, **2013**, 41, 187-94	5.8	5
89	Retinoic acid promotes the development of Arg1-expressing dendritic cells for the regulation of T-cell differentiation. *European Journal of Immunology*, **2013**, 43, 967-78	6.1	38
88	Short-chain fatty acids activate GPR41 and GPR43 on intestinal epithelial cells to promote inflammatory responses in mice. *Gastroenterology*, **2013**, 145, 396-406.e1-10	13.3	517
87	Host and microbial factors in regulation of T cells in the intestine. *Frontiers in Immunology*, **2013**, 4, 141	8.4	10
86	BATF is required for normal expression of gut-homing receptors by T helper cells in response to retinoic acid. *Journal of Experimental Medicine*, **2013**, 210, 475-89	16.6	46
85	Th9 cell development requires a BATF-regulated transcriptional network. *Journal of Clinical Investigation*, **2013**, 123, 4641-53	15.9	148
84	Expression of secreted and membrane-bound mucins in the airways of piglets experimentally infected with Mycoplasma hyopneumoniae. *Veterinary Journal*, **2012**, 192, 120-2	2.5	7
83	Progesterone suppresses the mTOR pathway and promotes generation of induced regulatory T cells with increased stability. *European Journal of Immunology*, **2012**, 42, 2683-96	6.1	76
82	Optimal population of FoxP3+ T cells in tumors requires an antigen priming-dependent trafficking receptor switch. *PLoS ONE*, **2012**, 7, e30793	3.7	25
81	Trafficking Receptors and Migration of TH17 Cell Subsets **2011**, 203-216		
80	Differential effects of peptidoglycan recognition proteins on experimental atopic and contact dermatitis mediated by Treg and Th17 cells. *PLoS ONE*, **2011**, 6, e24961	3.7	36
79	Phenotype, effector function, and tissue localization of PD-1-expressing human follicular helper T cell subsets. *BMC Immunology*, **2011**, 12, 53	3.7	37

78	Retinoic acid, immunity, and inflammation. *Vitamins and Hormones*, **2011**, 86, 83-101	2.5	43
77	Progesterone promotes differentiation of human cord blood fetal T cells into T regulatory cells but suppresses their differentiation into Th17 cells. *Journal of Immunology*, **2011**, 187, 1778-87	5.3	124
76	Peptidoglycan recognition protein Pglyrp2 protects mice from psoriasis-like skin inflammation by promoting regulatory T cells and limiting Th17 responses. *Journal of Immunology*, **2011**, 187, 5813-23	5.3	31
75	Complementary roles of retinoic acid and TGF-β in coordinated expression of mucosal integrins by T cells. *Mucosal Immunology*, **2011**, 4, 66-82	9.2	55
74	Homeostatic and pathogenic extramedullary hematopoiesis. *Journal of Blood Medicine*, **2010**, 1, 13-9	2.3	130
73	Retinoic acid determines the precise tissue tropism of inflammatory Th17 cells in the intestine. *Journal of Immunology*, **2010**, 184, 5519-26	5.3	78
72	Batf coordinates multiple aspects of B and T cell function required for normal antibody responses. *Journal of Experimental Medicine*, **2010**, 207, 933-42	16.6	166
71	FOXP3 and its role in the immune system. *Advances in Experimental Medicine and Biology*, **2009**, 665, 17-26	3.6	41
70	Migration and function of Th17 cells. *Inflammation and Allergy: Drug Targets*, **2009**, 8, 221-8		49
69	FoxP3+ regulatory T cells restrain splenic extramedullary myelopoiesis via suppression of hemopoietic cytokine-producing T cells. *Journal of Immunology*, **2009**, 183, 6377-86	5.3	23
68	The roles of CCR6 in migration of Th17 cells and regulation of effector T-cell balance in the gut. *Mucosal Immunology*, **2009**, 2, 173-83	9.2	174
67	Expression of mucins and trefoil factor family protein-1 in the colon of pigs naturally infected with Salmonella typhimurium. *Journal of Comparative Pathology*, **2009**, 140, 38-42	1	15
66	High and low vitamin A therapies induce distinct FoxP3+ T-cell subsets and effectively control intestinal inflammation. *Gastroenterology*, **2009**, 137, 1391-402.e1-6	13.3	72
65	Migration of Functionally Specialized T-Helper Cells: TFH Cells, Th17 Cells and FoxP3+ T Cells. *Translational Research in Biomedicine*, **2009**, 67-82	0.1	
64	Roles of retinoic acid in induction of immunity and immune tolerance. *Endocrine, Metabolic and Immune Disorders - Drug Targets*, **2008**, 8, 289-94	2.2	17
63	Human Th17 cells share major trafficking receptors with both polarized effector T cells and FOXP3+ regulatory T cells. *Journal of Immunology*, **2008**, 180, 122-9	5.3	193
62	Regulation of FoxP3 regulatory T cells and Th17 cells by retinoids. *Clinical and Developmental Immunology*, **2008**, 2008, 416910		35
61	Vitamin A metabolites induce gut-homing FoxP3+ regulatory T cells. *Journal of Immunology*, **2007**, 179, 3724-33	5.3	258

60	Identification of a chemokine network that recruits FoxP3(+) regulatory T cells into chronically inflamed intestine. *Gastroenterology*, **2007**, 132, 966-81	13.3	55
59	Trafficking of FoxP3+ regulatory T cells: myths and facts. *Archivum Immunologiae Et Therapiae Experimentalis*, **2007**, 55, 151-9	4	6
58	FoxP3+ T cells undergo conventional first switch to lymphoid tissue homing receptors in thymus but accelerated second switch to nonlymphoid tissue homing receptors in secondary lymphoid tissues. *Journal of Immunology*, **2007**, 178, 301-11	5.3	103
57	Molecular targets of FoxP3+ regulatory T cells. *Mini-Reviews in Medicinal Chemistry*, **2007**, 7, 1136-43	3.2	7
56	Loss of IL-7 receptor alpha on CD4+ T cells defines terminally differentiated B cell-helping effector T cells in a B cell-rich lymphoid tissue. *Journal of Immunology*, **2007**, 179, 7448-56	5.3	43
55	Chemokines in Trafficking of Hematopoietic Stem and Progenitor Cells and Hematopoiesis **2007**, 119-138		1
54	Migration and function of FoxP3+ regulatory T cells in the hematolymphoid system. *Experimental Hematology*, **2006**, 34, 1033-40	3.1	48
53	Synergistic inhibition in vivo of bone marrow myeloid progenitors by myelosuppressive chemokines and chemokine-accelerated recovery of progenitors after treatment of mice with Ara-C. *Experimental Hematology*, **2006**, 34, 1069-77	3.1	20
52	Regulation of trafficking receptor expression in human forkhead box P3+ regulatory T cells. *Journal of Immunology*, **2006**, 177, 840-51	5.3	135
51	Regulation of humoral immunity by FoxP3+ regulatory T cells. *Expert Review of Clinical Immunology*, **2006**, 2, 859-68	5.1	3
50	The greater chemotactic network for lymphocyte trafficking: chemokines and beyond. *Current Opinion in Hematology*, **2005**, 12, 298-304	3.3	50
49	Chemokines and Their Receptors in Hematopoietic Cell Development and Functioning. *Current Topics in Membranes*, **2005**, 115-142	2.2	1
48	Human CD57+ germinal center-T cells are the major helpers for GC-B cells and induce class switch recombination. *BMC Immunology*, **2005**, 6, 3	3.7	61
47	Stromal cell-derived factor-1/CXCL12 selectively counteracts inhibitory effects of myelosuppressive chemokines on hematopoietic progenitor cell proliferation in vitro. *Stem Cells and Development*, **2005**, 14, 199-203	4.4	22
46	Cutting edge: direct suppression of B cells by CD4+ CD25+ regulatory T cells. *Journal of Immunology* , **2005**, 175, 4180-3	5.3	466
45	Chemokine-chemokine receptor network in immune cell trafficking. *Current Drug Targets Immune, Endocrine and Metabolic Disorders*, **2004**, 4, 343-61		59
44	Unique gene expression program of human germinal center T helper cells. *Blood*, **2004**, 104, 1952-60	2.2	206
43	Regulatory T cells can migrate to follicles upon T cell activation and suppress GC-Th cells and GC-Th cell□driven B cell responses. *Journal of Clinical Investigation*, **2004**, 114, 1640-1649	15.9	215

42	Regulatory T cells can migrate to follicles upon T cell activation and suppress GC-Th cells and GC-Th cell-driven B cell responses. *Journal of Clinical Investigation*, **2004**, 114, 1640-9	15.9	124
41	Trafficking Potentials of Unconventional T Cell Subsets. *Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents*, **2004**, 3, 321-330		2
40	Transgenic expression of stromal cell-derived factor-1/CXC chemokine ligand 12 enhances myeloid progenitor cell survival/antiapoptosis in vitro in response to growth factor withdrawal and enhances myelopoiesis in vivo. *Journal of Immunology*, **2003**, 170, 421-9	5.3	147
39	Stromal cell-derived factor-1/CXCL12 directly enhances survival/antiapoptosis of myeloid progenitor cells through CXCR4 and G(alpha)i proteins and enhances engraftment of competitive, repopulating stem cells. *Journal of Leukocyte Biology*, **2003**, 73, 630-8	6.5	147
38	Chemokines in the systemic organization of immunity. *Immunological Reviews*, **2003**, 195, 58-71	11.3	305
37	Dendritic cells support sequential reprogramming of chemoattractant receptor profiles during naive to effector T cell differentiation. *Journal of Immunology*, **2003**, 171, 152-8	5.3	66
36	Differential chemokine responses and homing patterns of murine TCR alpha beta NKT cell subsets. *Journal of Immunology*, **2003**, 171, 2960-9	5.3	145
35	CCR10 expression is a common feature of circulating and mucosal epithelial tissue IgA Ab-secreting cells. *Journal of Clinical Investigation*, **2003**, 111, 1001-10	15.9	247
34	Cytokine control of memory B cell homing machinery. *Journal of Immunology*, **2002**, 169, 1676-82	5.3	46
33	Trafficking machinery of NKT cells: shared and differential chemokine receptor expression among V alpha 24(+)V beta 11(+) NKT cell subsets with distinct cytokine-producing capacity. *Blood*, **2002**, 100, 11-6	2.2	246
32	Chemokine regulation of hematopoiesis and the involvement of pertussis toxin-sensitive G alpha i proteins. *Annals of the New York Academy of Sciences*, **2001**, 938, 117-27; discussion 127-8	6.5	19
31	Separable effector T cell populations specialized for B cell help or tissue inflammation. *Nature Immunology*, **2001**, 2, 876-81	19.1	110
30	C-C chemokine receptor 4 expression defines a major subset of circulating nonintestinal memory T cells of both Th1 and Th2 potential. *Journal of Immunology*, **2001**, 166, 103-11	5.3	178
29	Subspecialization of CXCR5+ T cells: B helper activity is focused in a germinal center-localized subset of CXCR5+ T cells. *Journal of Experimental Medicine*, **2001**, 193, 1373-81	16.6	488
28	Therapeutic effect of hyaluronic acid on experimental osteoarthrosis of ovine temporomandibular joint. *Journal of Veterinary Medical Science*, **2001**, 63, 1083-9	1.1	20
27	Bonzo/CXCR6 expression defines type 1-polarized T-cell subsets with extralymphoid tissue homing potential. *Journal of Clinical Investigation*, **2001**, 107, 595-601	15.9	254
26	Rules of chemokine receptor association with T cell polarization in vivo. *Journal of Clinical Investigation*, **2001**, 108, 1331-9	15.9	354
25	The CC chemokine CK beta-11/MIP-3 beta/ELC/Exodus 3 mediates tumor rejection of murine breast cancer cells through NK cells. *Journal of Immunology*, **2000**, 164, 4025-31	5.3	112

24	TECK, an Efficacious Chemoattractant for Human Thymocytes, Uses GPR-9-6/CCR9 as a Specific Receptor. *Blood*, **1999**, 94, 2533-2536	2.2	70
23	Abnormal chemokine-induced responses of immature and mature hematopoietic cells from motheaten mice implicate the protein tyrosine phosphatase SHP-1 in chemokine responses. *Journal of Experimental Medicine*, **1999**, 190, 681-90	16.6	85
22	Effects of CC, CXC, C, and CX3C chemokines on proliferation of myeloid progenitor cells, and insights into SDF-1-induced chemotaxis of progenitors. *Annals of the New York Academy of Sciences*, **1999**, 872, 142-62; discussion 163	6.5	89
21	Thrombopoietin and interleukin-3 are chemotactic and chemokinetic chemoattractants for a factor-dependent hematopoietic progenitor cell line. *Annals of the New York Academy of Sciences*, **1999**, 872, 395-8	6.5	1
20	CCR7 ligands, SLC/6Ckine/Exodus2/TCA4 and CKbeta-11/MIP-3beta/ELC, are chemoattractants for CD56(+)CD16(-) NK cells and late stage lymphoid progenitors. *Cellular Immunology*, **1999**, 193, 226-35	4.4	92
19	Regulation of hematopoiesis in a sea of chemokine family members with a plethora of redundant activities. *Experimental Hematology*, **1999**, 27, 1113-23	3.1	128
18	Cloning of BRAK, a novel divergent CXC chemokine preferentially expressed in normal versus malignant cells. *Biochemical and Biophysical Research Communications*, **1999**, 255, 703-6	3.4	154
17	Isolation of ALP, a novel divergent murine CC chemokine with a unique carboxy terminal extension. *Biochemical and Biophysical Research Communications*, **1999**, 258, 737-40	3.4	24
16	Chemokines: signal lamps for trafficking of T and B cells for development and effector function. *Journal of Leukocyte Biology*, **1999**, 65, 6-15	6.5	273
15	SLC/exodus2/6Ckine/TCA4 induces chemotaxis of hematopoietic progenitor cells: differential activity of ligands of CCR7, CXCR3, or CXCR4 in chemotaxis vs. suppression of progenitor proliferation. *Journal of Leukocyte Biology*, **1999**, 66, 455-61	6.5	54
14	Altered responsiveness to chemokines due to targeted disruption of SHIP. *Journal of Clinical Investigation*, **1999**, 104, 1751-9	15.9	85
13	Chemokines and Hematopoiesis **1999**, 263-291		7
12	TECK, an efficacious chemoattractant for human thymocytes, uses GPR-9-6/CCR9 as a specific receptor. *Blood*, **1999**, 94, 2533-6	2.2	17
11	Differential Chemotactic Behavior of Developing T Cells in Response to Thymic Chemokines. *Blood*, **1998**, 91, 4434-4443	2.2	144
10	In Vitro Behavior of Hematopoietic Progenitor Cells Under the Influence of Chemoattractants: Stromal CellDerived Factor-1, Steel Factor, and the Bone Marrow Environment. *Blood*, **1998**, 91, 100-110	2.2	347
9	In Vitro Behavior of Hematopoietic Progenitor Cells Under the Influence of Chemoattractants: Stromal CellDerived Factor-1, Steel Factor, and the Bone Marrow Environment. *Blood*, **1998**, 91, 100-110	2.2	25
8	Differential Chemotactic Behavior of Developing T Cells in Response to Thymic Chemokines. *Blood*, **1998**, 91, 4434-4443	2.2	24
7	In vitro behavior of hematopoietic progenitor cells under the influence of chemoattractants: stromal cell-derived factor-1, steel factor, and the bone marrow environment. *Blood*, **1998**, 91, 100-10	2.2	94

6	CK beta-11/macrophage inflammatory protein-3 beta/EBI1-ligand chemokine is an efficacious chemoattractant for T and B cells. *Journal of Immunology*, **1998**, 160, 2418-24	5.3	81
5	Differential chemotactic behavior of developing T cells in response to thymic chemokines. *Blood*, **1998**, 91, 4434-43	2.2	38
4	Macrophage-inflammatory protein-3 beta/EBI1-ligand chemokine/CK beta-11, a CC chemokine, is a chemoattractant with a specificity for macrophage progenitors among myeloid progenitor cells. *Journal of Immunology*, **1998**, 161, 2580-5	5.3	48
3	Codon optimization for high-level expression of human erythropoietin (EPO) in mammalian cells. *Gene*, **1997**, 199, 293-301	3.8	125
2	Isolation and characterization of Exodus-2, a novel C-C chemokine with a unique 37-amino acid carboxyl-terminal extension. *Journal of Immunology*, **1997**, 159, 2554-8	5.3	97
1	Genomic variation and segregation of equine infectious anemia virus during acute infection. *Journal of Virology*, **1992**, 66, 3879-82	6.6	17