

# Charles C Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

9,238  
citations

76031

42  
h-index

107981

68  
g-index

70  
all docs

70  
docs citations

70  
times ranked

19768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell Mapping of Progressive Fetal-to-Adult Transition in Human Naive T Cells. <i>Cell Reports</i> , 2021, 34, 108573.	2.9	25
2	Direct detection of SARS-CoV-2 RNA using high-contrast pH-sensitive dyes. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 121-133.	0.8	9
3	ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.	7.0	55
4	FCRL5+ Memory B Cells Exhibit Robust Recall Responses. <i>Cell Reports</i> , 2019, 27, 1446-1460.e4.	2.9	87
5	Measuring the Global Substrate Specificity of Mycobacterial Serine Hydrolases Using a Library of Fluorogenic Ester Substrates. <i>ACS Infectious Diseases</i> , 2018, 4, 904-911.	1.8	10
6	Empirical assessment of the impact of sample number and read depth on RNA-Seq analysis workflow performance. <i>BMC Bioinformatics</i> , 2018, 19, 423.	1.2	48
7	Ret and Substrate-Derived TGF- $\beta$ 2 Maverick Regulate Space-Filling Dendrite Growth in <i>Drosophila</i> Sensory Neurons. <i>Cell Reports</i> , 2018, 24, 2261-2272.e5.	2.9	16
8	A20 upregulation during treated HIV disease is associated with intestinal epithelial cell recovery and function. <i>PLoS Pathogens</i> , 2018, 14, e1006806.	2.1	12
9	Deconstructing behavioral neuropharmacology with cellular specificity. <i>Science</i> , 2017, 356, .	6.0	99
10	Empirical assessment of analysis workflows for differential expression analysis of human samples using RNA-Seq. <i>BMC Bioinformatics</i> , 2017, 18, 38.	1.2	59
11	TrpA1 activation in peripheral sensory neurons underlies the ionic basis of pain hypersensitivity in response to vinca alkaloids. <i>PLoS ONE</i> , 2017, 12, e0186888.	1.1	19
12	Macrophage Colony Stimulating Factor Derived from CD4+ T Cells Contributes to Control of a Blood-Borne Infection. <i>PLoS Pathogens</i> , 2016, 12, e1006046.	2.1	31
13	Brain trauma elicits non-canonical macrophage activation states. <i>Journal of Neuroinflammation</i> , 2016, 13, 117.	3.1	127
14	Progranulin Deficiency Promotes Circuit-Specific Synaptic Pruning by Microglia via Complement Activation. <i>Cell</i> , 2016, 165, 921-935.	13.5	558
15	Design and Synthesis of a Calcium-sensitive Photocage. <i>Angewandte Chemie</i> , 2016, 128, 8503-8506.	1.6	2
16	Trimming of sequence reads alters RNA-Seq gene expression estimates. <i>BMC Bioinformatics</i> , 2016, 17, 103.	1.2	154
17	Design and Synthesis of a Calcium-sensitive Photocage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8363-8366.	7.2	13
18	Saturated Fatty Acids Engage an IRE1 $\beta$ -Dependent Pathway to Activate the NLRP3 Inflammasome in Myeloid Cells. <i>Cell Reports</i> , 2016, 14, 2611-2623.	2.9	154

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19	A Novel Model of Asymptomatic Plasmodium Parasitemia That Recapitulates Elements of the Human Immune Response to Chronic Infection. PLoS ONE, 2016, 11, e0162132.	1.1	14
20	Cathelicidin Insufficiency in Patients with Fatal Leptospirosis. PLoS Pathogens, 2016, 12, e1005943.	2.1	22
21	Myeloid expression of the $\text{AP}1$ transcription factor $\text{JUNB}$ modulates outcomes of type 1 and type 2 parasitic infections. Parasite Immunology, 2015, 37, 470-478.	0.7	18
22	JUNB Is a Key Transcriptional Modulator of Macrophage Activation. Journal of Immunology, 2015, 194, 177-186.	0.4	94
23	FCRL5 Delineates Functionally Impaired Memory B Cells Associated with Plasmodium falciparum Exposure. PLoS Pathogens, 2015, 11, e1004894.	2.1	135
24	EAG2 potassium channel with evolutionarily conserved function as a brain tumor target. Nature Neuroscience, 2015, 18, 1236-1246.	7.1	74
25	The SLC36 transporter Pathetic is required for extreme dendrite growth in <i>Drosophila</i> sensory neurons. Genes and Development, 2015, 29, 1120-1135.	2.7	37
26	Mouse Models of Uncomplicated and Fatal Malaria. Bio-protocol, 2015, 5, .	0.2	33
27	The microRNA <i>bantam</i> regulates a developmental transition in epithelial cells that restricts sensory dendrite growth. Development (Cambridge), 2014, 141, 2657-2668.	1.2	50
28	(+)-SJ733, a clinical candidate for malaria that acts through ATP4 to induce rapid host-mediated clearance of <i>Plasmodium</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5455-62.	3.3	199
29	Loss and dysfunction of $\text{CD}4^+$ $\text{CD}8^+$ T cells are associated with clinical tolerance to malaria. Science Translational Medicine, 2014, 6, 251ra117.	5.8	114
30	Loss of Toll-like receptor 7 alters cytokine production and protects against experimental cerebral malaria. Malaria Journal, 2014, 13, 354.	0.8	28
31	Neutrophils prime a long-lived effector macrophage phenotype that mediates accelerated helminth expulsion. Nature Immunology, 2014, 15, 938-946.	7.0	298
32	Kr $\text{Ä}4$ ppel Mediates the Selective Rebalancing of Ion Channel Expression. Neuron, 2014, 82, 537-544.	3.8	42
33	Distinct functional programming of human fetal and adult monocytes. Blood, 2014, 123, 1897-1904.	0.6	47
34	Transcriptional insights into the CD8+ T cell response to infection and memory T cell formation. Nature Immunology, 2013, 14, 404-412.	7.0	303
35	Beyond the transcriptome: completion of act one of the Immunological Genome Project. Current Opinion in Immunology, 2013, 25, 593-597.	2.4	32
36	Shared and distinct transcriptional programs underlie the hybrid nature of iNKT cells. Nature Immunology, 2013, 14, 90-99.	7.0	106

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37	The transcriptional landscape of $\hat{I}\pm\hat{I}^2$ T cell differentiation. <i>Nature Immunology</i> , 2013, 14, 619-632.	7.0	256
38	Traumatic brain injury induces macrophage subsets in the brain. <i>European Journal of Immunology</i> , 2013, 43, 2010-2022.	1.6	128
39	Identification of transcriptional regulators in the mouse immune system. <i>Nature Immunology</i> , 2013, 14, 633-643.	7.0	179
40	Toll-Like Receptor 7 Mediates Early Innate Immune Responses to Malaria. <i>Infection and Immunity</i> , 2013, 81, 4431-4442.	1.0	76
41	Therapeutic Helminth Infection of Macaques with Idiopathic Chronic Diarrhea Alters the Inflammatory Signature and Mucosal Microbiota of the Colon. <i>PLoS Pathogens</i> , 2012, 8, e1003000.	2.1	206
42	Gene-expression profiles and transcriptional regulatory pathways that underlie the identity and diversity of mouse tissue macrophages. <i>Nature Immunology</i> , 2012, 13, 1118-1128.	7.0	1,731
43	Molecular definition of the identity and activation of natural killer cells. <i>Nature Immunology</i> , 2012, 13, 1000-1009.	7.0	265
44	Intrathymic programming of effector fates in three molecularly distinct $\hat{I}^3\hat{I}$ T cell subtypes. <i>Nature Immunology</i> , 2012, 13, 511-518.	7.0	185
45	Transcriptional profiling of stroma from inflamed and resting lymph nodes defines immunological hallmarks. <i>Nature Immunology</i> , 2012, 13, 499-510.	7.0	416
46	Deciphering the transcriptional network of the dendritic cell lineage. <i>Nature Immunology</i> , 2012, 13, 888-899.	7.0	688
47	Splenic Red Pulp Macrophages Produce Type I Interferons as Early Sentinels of Malaria Infection but Are Dispensable for Control. <i>PLoS ONE</i> , 2012, 7, e48126.	1.1	53
48	NK Cells and Immune $\hat{I}$ Memory $\hat{I}$ . <i>Journal of Immunology</i> , 2011, 186, 1891-1897.	0.4	176
49	Multiple effects of the cellular prion protein on tooth development. <i>International Journal of Developmental Biology</i> , 2011, 55, 953-960.	0.3	8
50	Improved methods for magnetic purification of malaria parasites and haemozoin. <i>Malaria Journal</i> , 2010, 9, 17.	0.8	34
51	VersaCount: customizable manual tally software for cell counting. <i>Source Code for Biology and Medicine</i> , 2010, 5, 1.	1.7	6
52	Gene Expression Patterns of Dengue Virus-Infected Children from Nicaragua Reveal a Distinct Signature of Increased Metabolism. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e710.	1.3	57
53	Delineation of Diverse Macrophage Activation Programs in Response to Intracellular Parasites and Cytokines. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e648.	1.3	90
54	The microRNA bantam Functions in Epithelial Cells to Regulate Scaling Growth of Dendrite Arbors in <i>Drosophila</i> Sensory Neurons. <i>Neuron</i> , 2009, 63, 788-802.	3.8	158

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55	Experimental Malaria Infection Triggers Early Expansion of Natural Killer Cells. <i>Infection and Immunity</i> , 2008, 76, 5873-5882.	1.0	30
56	Genome-Wide Screen for Salmonella Genes Required for Long-Term Systemic Infection of the Mouse. <i>PLoS Pathogens</i> , 2006, 2, e11.	2.1	300
57	Identification of MglA-Regulated Genes Reveals Novel Virulence Factors in <i>Francisella tularensis</i> . <i>Infection and Immunity</i> , 2006, 74, 6642-6655.	1.0	165
58	Microarray-Based Detection of <i>Salmonella enterica</i> Serovar Typhimurium Transposon Mutants That Cannot Survive in Macrophages and Mice. <i>Infection and Immunity</i> , 2005, 73, 5438-5449.	1.0	85
59	LuxS Is Required for Persistent Pneumococcal Carriage and Expression of Virulence and Biosynthesis Genes. <i>Infection and Immunity</i> , 2004, 72, 2964-2975.	1.0	72
60	Delineation of Upstream Signaling Events in the <i>Salmonella</i> Pathogenicity Island 2 Transcriptional Activation Pathway. <i>Journal of Bacteriology</i> , 2004, 186, 4694-4704.	1.0	52
61	High-Throughput Method for Detecting Genomic-Deletion Polymorphisms. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2913-2918.	1.8	29
62	Significance analysis of lexical bias in microarray data. <i>BMC Bioinformatics</i> , 2003, 4, 12.	1.2	28
63	Genomic Comparison of <i>Salmonella enterica</i> Serovars and <i>Salmonella bongori</i> by Use of an <i>S. enterica</i> Serovar Typhimurium DNA Microarray. <i>Journal of Bacteriology</i> , 2003, 185, 553-563.	1.0	211
64	Modulation of Virulence by Two Acidified Nitrite-Responsive Loci of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2003, 71, 3196-3205.	1.0	54
65	Protective immunity against <i>Helicobacter</i> is characterized by a unique transcriptional signature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12289-12294.	3.3	57
66	Growth Phase-Dependent Response of <i>Helicobacter pylori</i> to Iron Starvation. <i>Infection and Immunity</i> , 2003, 71, 6510-6525.	1.0	138
67	Improved analytical methods for microarray-based genome-composition analysis. <i>Genome Biology</i> , 2002, 3, research0065.1.	13.9	133
68	Synthetic Studies on Norrisolide: Enantioselective Synthesis of the Norrisane Side Chain. <i>Organic Letters</i> , 1999, 1, 1295-1297.	2.4	48