Ki-Wook Kim

List of Publications by Year
in descending order

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42 papers	8,002 citations	147801 31 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	14224 citing authors

#	Article	IF	Citations
1	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 79-91.	14.3	2,528
2	Recruitment of Beneficial M2 Macrophages to Injured Spinal Cord Is Orchestrated by Remote Brain Choroid Plexus. Immunity, 2013, 38, 555-569.	14.3	552
3	Tissue-Resident Macrophages in Pancreatic Ductal Adenocarcinoma Originate from Embryonic Hematopoiesis and Promote Tumor Progression. Immunity, 2017, 47, 323-338.e6.	14.3	499
4	Macrophage-Restricted Interleukin-10 Receptor Deficiency, but Not IL-10 Deficiency, Causes Severe Spontaneous Colitis. Immunity, 2014, 40, 720-733.	14.3	460
5	CX3CR1 is required for monocyte homeostasis and atherogenesis by promoting cell survival. Blood, 2009, 113, 963-972.	1.4	396
6	Luminal Bacteria Recruit CD103+ Dendritic Cells into the Intestinal Epithelium to Sample Bacterial Antigens for Presentation. Immunity, 2013, 38, 581-595.	14.3	396
7	The cis-Regulatory Atlas of the Mouse Immune System. Cell, 2019, 176, 897-912.e20.	28.9	315
8	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. Circulation Research, 2018, 123, 1127-1142.	4.5	275
9	Microglia, seen from the CX3CR1 angle. Frontiers in Cellular Neuroscience, 2013, 7, 26.	3.7	268
10	In vivo structure/function and expression analysis of the CX3C chemokine fractalkine. Blood, 2011, 118, e156-e167.	1.4	218
11	Sensory lesioning induces microglial synapse elimination via ADAM10 and fractalkine signaling. Nature Neuroscience, 2019, 22, 1075-1088.	14.8	207
12	A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. Nature Communications, 2018, 9, 2036.	12.8	152
13	Monocytes expressing CX3CR1 orchestrate the development of vincristine-induced pain. Journal of Clinical Investigation, 2014, 124, 2023-2036.	8.2	140
14	MHC II+ resident peritoneal and pleural macrophages rely on IRF4 for development from circulating monocytes. Journal of Experimental Medicine, 2016, 213, 1951-1959.	8.5	117
15	Limited proliferation capacity of aortic intima resident macrophages requires monocyte recruitment for atherosclerotic plaque progression. Nature Immunology, 2020, 21, 1194-1204.	14.5	115
16	A Stromal Niche Defined by Expression of the Transcription Factor WT1 Mediates Programming and Homeostasis of Cavity-Resident Macrophages. Immunity, 2019, 51, 119-130.e5.	14.3	105
17	Mononuclear phagocyte miRNome analysis identifies miR-142 as critical regulator of murine dendritic cell homeostasis. Blood, 2013, 121, 1016-1027.	1.4	102
18	Mafb lineage tracing to distinguish macrophages from other immune lineages reveals dual identity of Langerhans cells. Journal of Experimental Medicine, 2016, 213, 2553-2565.	8.5	102

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19	Opposing Effects of Membrane-Anchored CX3CL1 on Amyloid and Tau Pathologies via the p38 MAPK Pathway. Journal of Neuroscience, 2014, 34, 12538-12546.	3.6	98
20	Peripheral nerve resident macrophages share tissue-specific programming and features of activated microglia. Nature Communications, 2020, 11, 2552.	12.8	84
21	IL-23-mediated mononuclear phagocyte crosstalk protects mice from Citrobacter rodentium-induced colon immunopathology. Nature Communications, 2015, 6, 6525.	12.8	81
22	Kidney-resident macrophages promote a proangiogenic environment in the normal and chronically ischemic mouse kidney. Scientific Reports, 2018, 8, 13948.	3.3	73
23	CCR7 and IRF4-dependent dendritic cells regulate lymphatic collecting vessel permeability. Journal of Clinical Investigation, 2016, 126, 1581-1591.	8.2	72
24	Norovirus Cell Tropism Is Determined by Combinatorial Action of a Viral Non-structural Protein and Host Cytokine. Cell Host and Microbe, 2017, 22, 449-459.e4.	11.0	70
25	Dendritic cellâ€restricted CD80/86 deficiency results in peripheral regulatory Tâ€cell reduction but is not associated with lymphocyte hyperactivation. European Journal of Immunology, 2011, 41, 291-298.	2.9	63
26	Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. Journal of Experimental Medicine, 2017, 214, 905-917.	8.5	63
27	A Secreted Viral Nonstructural Protein Determines Intestinal Norovirus Pathogenesis. Cell Host and Microbe, 2019, 25, 845-857.e5.	11.0	57
28	Monocyte Recruitment, Specification, and Function in Atherosclerosis. Cells, 2021, 10, 15.	4.1	53
29	A novel role for Câ€“C motif chemokine receptor 2 during infection with hypervirulent Mycobacterium tuberculosis. Mucosal Immunology, 2018, 11, 1727-1742.	6.0	43
30	Emerging Roles of Lymphatic Vasculature in Immunity. Immune Network, 2017, 17, 68.	3.6	40
31	Thermoneutrality but Not UCP1 Deficiency Suppresses Monocyte Mobilization Into Blood. Circulation Research, 2017, 121, 662-676.	4.5	37
32	Select autophagy genes maintain quiescence of tissue-resident macrophages and increase susceptibility to Listeria monocytogenes. Nature Microbiology, 2020, 5, 272-281.	13.3	36
33	Dynamic control of adipose tissue development and adult tissue homeostasis by platelet-derived growth factor receptor alpha. ELife, 2020, 9, .	6.0	33
34	LYVE1+ macrophages of murine peritoneal mesothelium promote omentum-independent ovarian tumor growth. Journal of Experimental Medicine, 2021, 218, .	8.5	31
35	Ileitis-associated tertiary lymphoid organs arise at lymphatic valves and impede mesenteric lymph flow in response to tumor necrosis factor. Immunity, 2021, 54, 2795-2811.e9.	14.3	31
36	Peripheral monocyteâ€“derived cells counter amyloid plaque pathogenesis in a mouse model of Alzheimerâ€™s disease. Journal of Clinical Investigation, 2022, 132, .	8.2	25

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37	Specialized transendothelial dendritic cells mediate thymic T-cell selection against blood-borne macromolecules. Nature Communications, 2021, 12, 6230.	12.8	20
38	Genetically enhancing the expression of chemokine domain of CX3CL1 fails to prevent tau pathology in mouse models of tauopathy. Journal of Neuroinflammation, 2018, 15, 278.	7.2	18
39	Protein Fractions from Korean Mistletoe (Viscum Album coloratum) Extract Induce Insulin Secretion from Pancreatic Beta Cells. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-8.	1.2	12
40	Homegrown Macrophages. Immunity, 2016, 45, 468-470.	14.3	8
41	Signaling pathways that control mRNA translation initiation in macrophages. Cellular Signalling, 2020, 73, 109700.	3.6	5
42	Unraveling Chemokine and Chemokine Receptor Expression Patterns Using Genetically Engineered Mice. Methods in Molecular Biology, 2013, 1013, 129-144.	0.9	2