Daisuke Kamimura

List of Publications by Year
in descending order

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66 papers	3,404 citations	201385 27 h-index	149479 56 g-index
70 all docs	70 docs citations	70 times ranked	5276 citing authors

#	Article	IF	Citations
1	IL-6 Regulates In Vivo Dendritic Cell Differentiation through STAT3 Activation. Journal of Immunology, 2004, 173, 3844-3854.	0.4	444
2	Pleiotropy and Specificity: Insights from the Interleukin 6 Family of Cytokines. Immunity, 2019, 50, 812-831.	6.6	335
3	Regional Neural Activation Defines a Gateway for Autoreactive T Cells to Cross the Blood-Brain Barrier. Cell, 2012, 148, 447-457.	13.5	277
4	A Point Mutation of Tyr-759 in Interleukin 6 Family Cytokine Receptor Subunit gp130 Causes Autoimmune Arthritis. Journal of Experimental Medicine, 2002, 196, 979-990.	4.2	205
5	Inflammation Amplifier, a New Paradigm in Cancer Biology. Cancer Research, 2014, 74, 8-14.	0.4	178
6	Hepatic Interleukin-7 Expression Regulates T Cell Responses. Immunity, 2009, 30, 447-457.	6.6	163
7	Autoimmune arthritis associated with mutated interleukin (IL)-6 receptor gp130 is driven by STAT3/IL-7â€“dependent homeostatic proliferation of CD4+ T cells. Journal of Experimental Medicine, 2006, 203, 1459-1470.	4.2	157
8	Endoplasmic Reticulum Stress Regulator XBP-1 Contributes to Effector CD8+ T Cell Differentiation during Acute Infection. Journal of Immunology, 2008, 181, 5433-5441.	0.4	122
9	Tissue-Specific Autoregulation of the stat3 Gene and Its Role in Interleukin-6-Induced Survival Signals in T Cells. Molecular and Cellular Biology, 2001, 21, 6615-6625.	1.1	121
10	Naive CD8+ T cells differentiate into protective memory-like cells after IL-2â€“antiâ€“IL-2 complex treatment in vivo. Journal of Experimental Medicine, 2007, 204, 1803-1812.	4.2	97
11	Local microbleeding facilitates IL-6â€“ and IL-17â€“dependent arthritis in the absence of tissue antigen recognition by activated T cells. Journal of Experimental Medicine, 2011, 208, 103-114.	4.2	95
12	Disease-Association Analysis of an Inflammation-Related Feedback Loop. Cell Reports, 2013, 3, 946-959.	2.9	90
13	NEDD4 Is Involved in Inflammation Development during Keloid Formation. Journal of Investigative Dermatology, 2019, 139, 333-341.	0.3	64
14	IL-2 In Vivo Activities and Antitumor Efficacy Enhanced by an Anti-IL-2 mAb. Journal of Immunology, 2006, 177, 306-314.	0.4	63
15	Temporal Expression of Growth Factors Triggered by Epiregulin Regulates Inflammation Development. Journal of Immunology, 2015, 194, 1039-1046.	0.4	62
16	TRIFâ€“GEFH1â€“RhoB pathway is involved in MHCII expression on dendritic cells that is critical for CD4 T-cell activation. EMBO Journal, 2006, 25, 4108-4119.	3.5	61
17	A pain-mediated neural signal induces relapse in murine autoimmune encephalomyelitis, a multiple sclerosis model. ELife, 2015, 4, .	2.8	57
18	Mini ReviewNew IL-6 (gp130) Family Cytokine Members, CLC/NNT1/BSF3 and IL-27. Growth Factors, 2004, 22, 75-77.	0.5	48

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19	Brain micro-inflammation at specific vessels dysregulates organ-homeostasis via the activation of a new neural circuit. ELife, 2017, 6, .	2.8	45
20	Phosphorylation-dependent Regnase-1 release from endoplasmic reticulum is critical in IL-17 response. Journal of Experimental Medicine, 2019, 216, 1431-1449.	4.2	44
21	mTOR Complex Signaling through the SEMA4Aâ€“Plexin B2 Axis Is Required for Optimal Activation and Differentiation of CD8+ T Cells. Journal of Immunology, 2015, 195, 934-943.	0.4	39
22	IL-6 amplifier activation in epithelial regions of bronchi after allogeneic lung transplantation. International Immunology, 2013, 25, 319-332.	1.8	38
23	KDEL receptor 1 regulates T-cell homeostasis via PP1 that is a key phosphatase for ISR. Nature Communications, 2015, 6, 7474.	5.8	35
24	The Gateway Reflex, which is mediated by the inflammation amplifier, directs pathogenic immune cells into the CNS. Journal of Biochemistry, 2014, 156, 299-304.	0.9	31
25	Rbm10 regulates inflammation development via alternative splicing of Dnmt3b. International Immunology, 2017, 29, 581-591.	1.8	31
26	Regulation of Immune Cell Infiltration into the CNS by Regional Neural Inputs Explained by the Gate Theory. Mediators of Inflammation, 2013, 2013, 1-8.	1.4	29
27	Role of Chondrocytes in the Development of Rheumatoid Arthritis Via Transmembrane Protein 147â€“Mediated <scp>NF</scp>â€ºB Activation. Arthritis and Rheumatology, 2020, 72, 931-942.	2.9	28
28	Evidence of a Novel IL-2/15RÎ²-Targeted Cytokine Involved in Homeostatic Proliferation of Memory CD8+ T Cells. Journal of Immunology, 2004, 173, 6041-6049.	0.4	27
29	Photopic light-mediated down-regulation of local Î±1A-adrenergic signaling protects blood-retina barrier in experimental autoimmune uveoretinitis. Scientific Reports, 2019, 9, 2353.	1.6	27
30	Early pathological alterations of lower lumbar cords detected by ultrahigh-field MRI in a mouse multiple sclerosis model. International Immunology, 2014, 26, 93-101.	1.8	26
31	Breakpoint Cluster Regionâ€“Mediated Inflammation Is Dependent on Casein Kinase II. Journal of Immunology, 2016, 197, 3111-3119.	0.4	24
32	The gateway theory: bridging neural and immune interactions in the CNS. Frontiers in Neuroscience, 2013, 7, 204.	1.4	23
33	Role of T cellâ€”glial cell interactions in creating and amplifying central nervous system inflammation and multiple sclerosis disease symptoms. Frontiers in Cellular Neuroscience, 2015, 9, 295.	1.8	21
34	Increased urinary exosomal SYT17 levels in chronic active antibody-mediated rejection after kidney transplantation via the IL-6 amplifier. International Immunology, 2020, 32, 653-662.	1.8	21
35	CD147/Basigin Limits Lupus Nephritis and Th17 Cell Differentiation in Mice by Inhibiting the Interleukinâ€6/STATâ€3 Pathway. Arthritis and Rheumatology, 2015, 67, 2185-2195.	2.9	20
36	The point mutation of tyrosine 759 of the IL-6 family cytokine receptor gp130 synergizes with HTLV-1 pX in promoting rheumatoid arthritis-like arthritis. International Immunology, 2004, 16, 455-465.	1.8	18

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37	Bmi1 Regulates IÎºBÎ± Degradation via Association with the SCF Complex. Journal of Immunology, 2018, 201, 2264-2272.	0.4	18
38	Presenilin 1 Regulates NF-Îº B Activation via Association with Breakpoint Cluster Region and Casein Kinase II. Journal of Immunology, 2018, 201, 2256-2263.	0.4	18
39	Bidirectional communication between neural and immune systems. International Immunology, 2020, 32, 693-701.	1.8	18
40	Orosomucoid 1 is involved in the development of chronic allograft rejection after kidney transplantation. International Immunology, 2020, 32, 335-346.	1.8	18
41	IFN-Î³ expression in CD8+ T cells regulated by IL-6 signal is involved in superantigen-mediated CD4+ T cell death. International Immunology, 2009, 21, 73-80.	1.8	16
42	Role of Inflammation Amplifier-Induced Growth Factor Expression in the Development of Inflammatory Diseases. Critical Reviews in Immunology, 2015, 35, 365-378.	1.0	16
43	The gateway theory: How regional neural activation creates a gateway for immune cells via an inflammation amplifier. Biomedical Journal, 2013, 36, 269.	1.4	15
44	The Gateway Reflex, a Novel Neuro-Immune Interaction for the Regulation of Regional Vessels. Frontiers in Immunology, 2017, 8, 1321.	2.2	13
45	Cell- and stage-specific localization of galectin-3, a Î²-galactoside-binding lectin, in a mouse model of experimental autoimmune encephalomyelitis. Neurochemistry International, 2018, 118, 176-184.	1.9	12
46	Gateway reflex: neural activation-mediated immune cell gateways in the central nervous system. International Immunology, 2018, 30, 281-289.	1.8	11
47	ATP spreads inflammation to other limbs through crosstalk between sensory neurons and interneurons. Journal of Experimental Medicine, 2022, 219, .	4.2	11
48	Gateway reflexes: A new paradigm of neuroimmune interactions. Clinical and Experimental Neuroimmunology, 2017, 8, 23-32.	0.5	10
49	Rhodobacter azotoformans LPS (RAP99-LPS) Is a TLR4 Agonist That Inhibits Lung Metastasis and Enhances TLR3-Mediated Chemokine Expression. Frontiers in Immunology, 2021, 12, 675909.	2.2	10
50	SjÃ¶grenâ€™s syndrome-associated SNPs increase GTF2I expression in salivary gland cells to enhance inflammation development. International Immunology, 2021, 33, 423-434.	1.8	9
51	EAE Induction by Passive Transfer of MOG-specific CD4+ T Cells. Bio-protocol, 2017, 7, e2370.	0.2	9
52	IL-6 and Inflammatory Diseases. , 2014, , 53-78.		6
53	NaÃ¯ve T Cell Homeostasis Regulated by Stress Responses and TCR Signaling. Frontiers in Immunology, 2015, 6, 638.	2.2	6
54	Strong TCR-mediated signals suppress integrated stress responses induced by KDELR1 deficiency in naive T cells. International Immunology, 2016, 28, 117-126.	1.8	6

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55	Gateway reflex: Local neuroimmune interactions that regulate blood vessels. Neurochemistry International, 2019, 130, 104303.	1.9	5
56	The Reverse-Direction Method Links Mass Experimental Data to Human Diseases. Archivum Immunologiae Et Therapiae Experimentalis, 2014, 62, 41-45.	1.0	2
57	Pain is an inducer for relapse in multiple sclerosis models through a regional neural signal. Clinical and Experimental Neuroimmunology, 2015, 6, 343-344.	0.5	2
58	Targeting molecules involved in immune cell trafficking to the central nervous system for therapy in multiple sclerosis. Clinical and Experimental Neuroimmunology, 2017, 8, 183-191.	0.5	2
59	Immune cell gateways in the central nervous system regulated by regional neural stimulations. Clinical and Experimental Neuroimmunology, 2015, 6, 120-128.	0.5	1
60	Role of Cytokine-Mediated Crosstalk between T Cells and Nonimmune Cells in the Pathophysiology of Multiple Sclerosis. , 2016, , 101-125.		1
61	Mechanisms and Biological Roles of STAT Activation by the IL-6 Family of Cytokines. , 2003, , 155-175.		1
62	Interleukin-6. , 2003, , 430-439.		0
63	Hyperactivation of gp130-mediated STAT3 signaling induces a rheumatoid arthritis-like disease that is dependent on MHC class II restricted CD4+ T cells. International Congress Series, 2005, 1285, 207-211.	0.2	0
64	The Gateway Reflex, a Novel Neuroâ€immune Interaction, is Critical for the Development of Mouse Multiple Sclerosis (MS) Models. , 0, , .		0
65	Gateway Reflex: A Neuro-Immune Crosstalk for Organ-Specific Disease Development. , 2019, , .		0
66	The Gate Theory Explains Regional Neural Regulation of Activated T cells Entering the Central Nervous System. Journal of Clinical & Cellular Immunology, 2013, 04, .	1.5	0