

# Katsuaki Sato

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,110  
citations

331670

21  
h-index

302126

39  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory Dendritic Cells Protect Mice from Murine Acute Graft-versus-Host Disease and Leukemia Relapse. <i>Immunity</i> , 2003, 18, 367-379.	14.3	310
2	Modified myeloid dendritic cells act as regulatory dendritic cells to induce anergic and regulatory T cells. <i>Blood</i> , 2003, 101, 3581-3589.	1.4	237
3	Plasmacytoid Dendritic Cells Are Crucial for the Initiation of Inflammation and T Cell Immunity <i>In Vivo</i> . <i>Immunity</i> , 2011, 35, 958-971.	14.3	205
4	Regulatory dendritic cells act as regulators of acute lethal systemic inflammatory response. <i>Blood</i> , 2006, 107, 3656-3664.	1.4	132
5	Siglec <sup>H</sup> is a microglia-specific marker that discriminates microglia from CNS-associated macrophages and CNS-infiltrating monocytes. <i>Glia</i> , 2017, 65, 1927-1943.	4.9	123
6	Dendritic Cells-Nature and Classification. <i>Allergology International</i> , 2007, 56, 183-191.	3.3	109
7	Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. <i>EMBO Journal</i> , 2020, 39, e104464.	7.8	105
8	TLR7 mediated viral recognition results in focal type I interferon secretion by dendritic cells. <i>Nature Communications</i> , 2017, 8, 1592.	12.8	70
9	Conditional ablation of CD205 <sup>+</sup> conventional dendritic cells impacts the regulation of T-cell immunity and homeostasis in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11288-11293.	7.1	67
10	Human peripheral blood monocyte-derived interleukin-10-induced semi-mature dendritic cells induce anergic CD4 <sup>+</sup> and CD8 <sup>+</sup> T cells via presentation of the internalized soluble antigen and cross-presentation of the phagocytosed necrotic cellular fragments. <i>Cellular Immunology</i> , 2002, 215, 186-194.	3.0	66
11	Plasmacytoid dendritic cells orchestrate TLR7-mediated innate and adaptive immunity for the initiation of autoimmune inflammation. <i>Scientific Reports</i> , 2016, 6, 24477.	3.3	66
12	Crucial roles of B7-H1 and B7-DC expressed on mesenteric lymph node dendritic cells in the generation of antigen-specific CD4 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T cells in the establishment of oral tolerance. <i>Blood</i> , 2010, 116, 2266-2276.	1.4	64
13	Regulatory dendritic cells protect against cutaneous chronic graft-versus-host disease mediated through CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T cells. <i>Blood</i> , 2007, 110, 3793-3803.	1.4	59
14	Clec4A4 is a regulatory receptor for dendritic cells that impairs inflammation and T-cell immunity. <i>Nature Communications</i> , 2016, 7, 11273.	12.8	55
15	Regulatory dendritic cells protect against allergic airway inflammation in a murine asthmatic model. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 95-104.e7.	2.9	41
16	Critical role of plasmacytoid dendritic cells in induction of oral tolerance. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2156-2167.e9.	2.9	40
17	Naturally occurring regulatory dendritic cells regulate murine cutaneous chronic graft-versus-host disease. <i>Blood</i> , 2009, 113, 4780-4789.	1.4	38
18	Pivotal Role of IL-22 Binding Protein in the Epithelial Autoregulation of Interleukin-22 Signaling in the Control of Skin Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 1418.	4.8	36

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19	TRAIL-Transduced Dendritic Cells Protect Mice from Acute Graft-versus-Host Disease and Leukemia Relapse. <i>Journal of Immunology</i> , 2005, 174, 4025-4033.	0.8	34
20	The HDAC Inhibitor, SAHA, Prevents Colonic Inflammation by Suppressing Pro-inflammatory Cytokines and Chemokines in DSS-induced Colitis. <i>Acta Histochemica Et Cytochemica</i> , 2018, 51, 33-40.	1.6	34
21	Plasmacytoid dendritic cells protect against immune-mediated acute liver injury via IL-35. <i>Journal of Clinical Investigation</i> , 2019, 129, 3201-3213.	8.2	27
22	ER-resident sensor PERK is essential for mitochondrial thermogenesis in brown adipose tissue. <i>Life Science Alliance</i> , 2020, 3, e201900576.	2.8	27
23	Regulatory Dendritic Cells. <i>Current Topics in Microbiology and Immunology</i> , 2017, 410, 47-71.	1.1	22
24	Hepatocyte growth factor activator inhibitor-2 stabilizes Epcam and maintains epithelial organization in the mouse intestine. <i>Communications Biology</i> , 2019, 2, 11.	4.4	21
25	An Abortive Ligand-Induced Activation of CCR1-Mediated Downstream Signaling Event and a Deficiency of CCR5 Expression Are Associated with the Hyporesponsiveness of Human Naive CD4+ T Cells to CCL3 and CCL5. <i>Journal of Immunology</i> , 2002, 168, 6263-6272.	0.8	18
26	HMGB2 is a novel adipogenic factor that regulates ectopic fat infiltration in skeletal muscles. <i>Scientific Reports</i> , 2018, 8, 9601.	3.3	17
27	The HDAC Inhibitor, SAHA, Combined with Cisplatin Synergistically Induces Apoptosis in Alpha-fetoprotein-producing Hepatoid Adenocarcinoma Cells. <i>Acta Histochemica Et Cytochemica</i> , 2019, 52, 1-8.	1.6	12
28	Requirement of TLR4 signaling for the induction of a Th1 immune response elicited by oligomannose-coated liposomes. <i>Immunology Letters</i> , 2016, 178, 61-67.	2.5	9
29	Increased Granulopoiesis in the Bone Marrow following Epstein-Barr Virus Infection. <i>Scientific Reports</i> , 2019, 9, 13445.	3.3	9
30	Photodynamic Therapy Using a Novel Phosphorus Tetraphenylporphyrin Induces an Anticancer Effect via Bax/Bcl-xL-related Mitochondrial Apoptosis in Biliary Cancer Cells. <i>Acta Histochemica Et Cytochemica</i> , 2020, 53, 61-72.	1.6	9
31	Selective depletion of basophils ameliorates immunoglobulin E-mediated anaphylaxis. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 29-35.	1.3	8
32	Essential role of submandibular lymph node dendritic cells in protective sublingual immunotherapy against murine allergy. <i>Communications Biology</i> , 2020, 3, 742.	4.4	8
33	Pivotal role of the carbohydrate recognition domain in self-interaction of CLEC4A to elicit the ITIM-mediated inhibitory function in murine conventional dendritic cells in vitro. <i>International Immunology</i> , 2020, 32, 673-682.	4.0	7
34	Spatiotemporal expression of HMGB2 regulates cell proliferation and hepatocyte size during liver regeneration. <i>Scientific Reports</i> , 2022, 12, .	3.3	7
35	Characterization of bovine interleukin-2 stably expressed in HEK-293 cells. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 134-141.	0.9	5
36	Analysis of DC Functions Using CD205-DTR Knock-In Mice. <i>Methods in Molecular Biology</i> , 2016, 1423, 291-308.	0.9	4

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37	Congenital Deficiency of Conventional Dendritic Cells Promotes the Development of Atopic Dermatitis-Like Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 712676.	4.8	4
38	Pivotal role of CD103 in the development of psoriasiform dermatitis. <i>Scientific Reports</i> , 2020, 10, 8371.	3.3	3
39	Primary pulmonary mucosa-associated lymphoid tissue lymphoma with amyloid light chain-type amyloidosis. <i>Surgical Case Reports</i> , 2019, 5, 105.	0.6	1
40	A mouse model of microglia-specific ablation in the embryonic central nervous system. <i>Neuroscience Research</i> , 2021, 173, 54-61.	1.9	1
41	ADP-ribosylation factor-like 8b is required for the development of mouse models of systemic lupus erythematosus. <i>International Immunology</i> , 2019, 31, 225-237.	4.0	0