

Hitoshi Takizawa

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,325
citations

159585

30
h-index

189892

50
g-index

71
all docs

71
docs citations

71
times ranked

6995
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand-adapted regulation of early hematopoiesis in infection and inflammation. <i>Blood</i> , 2012, 119, 2991-3002.	1.4	351
2	<i>BRAF-V600E</i> expression in precursor versus differentiated dendritic cells defines clinically distinct LCH risk groups. <i>Journal of Experimental Medicine</i> , 2014, 211, 669-683.	8.5	346
3	Human Hemato-Lymphoid System Mice: Current Use and Future Potential for Medicine. <i>Annual Review of Immunology</i> , 2013, 31, 635-674.	21.8	304
4	Engineering of a functional bone organ through endochondral ossification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3997-4002.	7.1	289
5	Inflamm-Aging of Hematopoiesis, Hematopoietic Stem Cells, and the Bone Marrow Microenvironment. <i>Frontiers in Immunology</i> , 2016, 7, 502.	4.8	272
6	Dynamic variation in cycling of hematopoietic stem cells in steady state and inflammation. <i>Journal of Experimental Medicine</i> , 2011, 208, 273-284.	8.5	271
7	Pathogen-Induced TLR4-TRIF Innate Immune Signaling in Hematopoietic Stem Cells Promotes Proliferation but Reduces Competitive Fitness. <i>Cell Stem Cell</i> , 2017, 21, 225-240.e5.	11.1	210
8	Transgenic expression of human signal regulatory protein alpha in Rag2 ^{Δα} mice improves engraftment of human hematopoietic cells in humanized mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13218-13223.	7.1	205
9	Humanized Mice for Modeling Human Infectious Disease: Challenges, Progress, and Outlook. <i>Cell Host and Microbe</i> , 2009, 6, 5-9.	11.0	202
10	Human IL-3/GM-CSF knock-in mice support human alveolar macrophage development and human immune responses in the lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2390-2395.	7.1	202
11	Human thrombopoietin knockin mice efficiently support human hematopoiesis in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2378-2383.	7.1	169
12	The analysis, roles and regulation of quiescence in hematopoietic stem cells. <i>Development (Cambridge)</i> , 2014, 141, 4656-4666.	2.5	169
13	Cutting Edge: LPS-Induced Emergency Myelopoiesis Depends on TLR4-Expressing Nonhematopoietic Cells. <i>Journal of Immunology</i> , 2012, 188, 5824-5828.	0.8	129
14	Myeloproliferative neoplasms can be initiated from a single hematopoietic stem cell expressing <i>JAK2</i> -V617F. <i>Journal of Experimental Medicine</i> , 2014, 211, 2213-2230.	8.5	88
15	Lnk regulates integrin α IIb β 3 outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. <i>Journal of Clinical Investigation</i> , 2010, 120, 179-190.	8.2	84
16	Bone marrow dendritic cell progenitors sense pathogens via Toll-like receptors and subsequently migrate to inflamed lymph nodes. <i>Blood</i> , 2011, 118, 4829-4840.	1.4	62
17	Thrombopoietin Metabolically Primes Hematopoietic Stem Cells to Megakaryocyte-Lineage Differentiation. <i>Cell Reports</i> , 2018, 25, 1772-1785.e6.	6.4	62
18	iPSC-Derived Platelets Depleted of HLA Class I Are Inert to Anti-HLA Class I and Natural Killer Cell Immunity. <i>Stem Cell Reports</i> , 2020, 14, 49-59.	4.8	57

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19	Macrophage tolerance: CD47â€“SIRP-Î±â€“mediated signals matter. <i>Nature Immunology</i> , 2007, 8, 1287-1289.	14.5	56
20	Hlf marks the developmental pathway for hematopoietic stem cells but not for erythro-myeloid progenitors. <i>Journal of Experimental Medicine</i> , 2019, 216, 1599-1614.	8.5	53
21	IL-1 mediates microbiome-induced inflammaging of hematopoietic stem cells in mice. <i>Blood</i> , 2022, 139, 44-58.	1.4	51
22	Remote control of neural function by X-ray-induced scintillation. <i>Nature Communications</i> , 2021, 12, 4478.	12.8	50
23	Enhanced thrombopoietin but not G-CSF receptor stimulation induces self-renewing hematopoietic stem cell divisions in vivo. <i>Blood</i> , 2016, 127, 3175-3179.	1.4	44
24	Enhanced engraftment of hematopoietic stem/progenitor cells by the transient inhibition of an adaptor protein, Lnk. <i>Blood</i> , 2006, 107, 2968-2975.	1.4	41
25	Growth and maturation of megakaryocytes is regulated by Lnk/Sh2b3 adaptor protein through crosstalk between cytokine- and integrin-mediated signals. <i>Experimental Hematology</i> , 2008, 36, 897-906.	0.4	40
26	Antitumor immunity augments the therapeutic effects of p53 activation on acute myeloid leukemia. <i>Nature Communications</i> , 2019, 10, 4869.	12.8	36
27	Impact of inflammation on early hematopoiesis and the microenvironment. <i>International Journal of Hematology</i> , 2017, 106, 27-33.	1.6	35
28	Fas (<scp>CD</scp>95) expression in myeloid cells promotes obesityâ€“induced muscle insulin resistance. <i>EMBO Molecular Medicine</i> , 2014, 6, 43-56.	6.9	34
29	MPL expression on AML blasts predicts peripheral blood neutropenia and thrombocytopenia. <i>Blood</i> , 2016, 128, 2253-2257.	1.4	34
30	LPS-stimulated human bone marrow stroma cells support myeloid cell development and progenitor cell maintenance. <i>Annals of Hematology</i> , 2016, 95, 173-178.	1.8	33
31	Fit-For-All iPSC-Derived Cell Therapies and Their Evaluation in Humanized Mice With NK Cell Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 662360.	4.8	32
32	Roles of a conserved family of adaptor proteins, Lnk, SH2-B, and APS, for mast cell development, growth, and functions: APS-deficiency causes augmented degranulation and reduced actin assembly. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 356-362.	2.1	28
33	Discrimination of Dormant and Active Hematopoietic Stem Cells by G0 Marker Reveals Dormancy Regulation by Cytoplasmic Calcium. <i>Cell Reports</i> , 2019, 29, 4144-4158.e7.	6.4	27
34	Unique molecular and functional features of extramedullary hematopoietic stem and progenitor cell reservoirs in humans. <i>Blood</i> , 2022, 139, 3387-3401.	1.4	26
35	A comprehensive surface proteome analysis of myeloid leukemia cell lines for therapeutic antibody development. <i>Journal of Proteomics</i> , 2014, 99, 138-151.	2.4	24
36	Ex vivo expansion of hematopoietic stem cells: mission accomplished?. <i>Swiss Medical Weekly</i> , 2011, 141, w13316.	1.6	20

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37	Establishment of bone marrow-derived M-CSF receptor-dependent self-renewing macrophages. <i>Cell Death Discovery</i> , 2020, 6, 63.	4.7	18
38	Engineered humanized bone organs maintain human hematopoiesis in vivo. <i>Experimental Hematology</i> , 2018, 61, 45-51.e5.	0.4	17
39	Immuno-Modulation of Hematopoietic Stem and Progenitor Cells in Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 585367.	4.8	16
40	Autophagy is dispensable for the maintenance of hematopoietic stem cells in neonates. <i>Blood Advances</i> , 2021, 5, 1594-1604.	5.2	15
41	Inflammation Regulates Haematopoietic Stem Cells and Their Niche. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1125.	4.1	14
42	Fate Distribution and Regulatory Role of Human Mesenchymal Stromal Cells in Engineered Hematopoietic Bone Organs. <i>IScience</i> , 2019, 19, 504-513.	4.1	13
43	Eliminating chronic myeloid leukemia stem cells by IRAK1/4 inhibitors. <i>Nature Communications</i> , 2022, 13, 271.	12.8	12
44	Development of the hematopoietic system: Role of inflammatory factors. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2019, 8, e341.	5.9	11
45	<i>In vivo</i> divisional tracking of hematopoietic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2012, 1266, 40-46.	3.8	5
46	Impact of cerebrovascular comorbidity on prognosis in Japanese patients undergoing PCI: 1-year data from Japanese multicenter registry (KICS). <i>Heart and Vessels</i> , 2022, , 1.	1.2	2
47	Dynamic regulation of hematopoietic stem cell cycling. <i>Cell Cycle</i> , 2011, 10, 2246-2247.	2.6	1
48	Genetic fingerprint defines hematopoietic stem cell pool size and function. <i>Haematologica</i> , 2020, 105, 526-528.	3.5	1
49	JAK2-V617F Expressing Stem Cells Display a Competitive Advantage At Low Limiting Dilution and Are Capable of Initiating MPN Phenotype. <i>Blood</i> , 2011, 118, 615-615.	1.4	1
50	CD271+CD51+PALLADIN ^{hi} Human Mesenchymal Stromal Cells Possess Enhanced Ossicle-Forming Potential. <i>Stem Cells and Development</i> , 2021, 30, 725-735.	2.1	0
51	Negative Hematopoietic Scaffold Lnk Upregulates Integrin Outside-In Signaling in Platelets.. <i>Blood</i> , 2005, 106, 382-382.	1.4	0
52	Transient blocking of Lnk-mediated pathways as a potential approach to promote engrafting ability of hematopoietic progenitor cells. <i>Inflammation and Regeneration</i> , 2007, 27, 59-64.	3.7	0
53	Non-Hematopoietic Stromal Cells Sense Toll-Like Receptor 4 Agonists and Consequently Enhance Myelopoiesis.. <i>Blood</i> , 2010, 116, 2583-2583.	1.4	0
54	Dynamic variation in cycling of hematopoietic stem cells in steady state and inflammation. <i>Journal of Cell Biology</i> , 2011, 192, i3-i3.	5.2	0

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55	Thrombopoietin-Receptor Signalling Induces Proliferation of Dormant HSC.. Blood, 2012, 120, 2343-2343.	1.4	0
56	Hematopoietic Stem Cells and Circulating Myelomonocytic Precursors With BRAF-V600E Are Identified In High-Risk Patients and Define LCH As a Myeloid Neoplasia. Blood, 2013, 122, 103-103.	1.4	0
57	Mouse Genetic Background and Human Hematopoietic Stem Cells Biology; Tips for Humanization. , 2014, , 33-51.		0
58	Direct Sensing of Lipopolysaccharide Limits Hematopoietic Stem Cell Selfrenewal Via TLR4-TRIF-ROS-p38 Pathway. Blood, 2014, 124, 604-604.	1.4	0
59	Mpl Expression on AML Blasts Predicts Cytopenia. Blood, 2015, 126, 1387-1387.	1.4	0
60	Inflammageing of Hematopoietic Stem Cells Is Driven By IL-1. Blood, 2019, 134, 819-819.	1.4	0