

# Yohei Morita

## List of Publications by Year in descending order

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49  
papers

4,842  
citations

147566

31  
h-index

253896

43  
g-index

51  
all docs

51  
docs citations

51  
times ranked

6757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Associated Characteristics of Murine Hematopoietic Stem Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 1273-1280.	4.2	638
2	Clonal Analysis Unveils Self-Renewing Lineage-Restricted Progenitors Generated Directly from Hematopoietic Stem Cells. <i>Cell</i> , 2013, 154, 1112-1126.	13.5	577
3	Enhanced Self-Renewal of Hematopoietic Stem Cells Mediated by the Polycomb Gene Product Bmi-1. <i>Immunity</i> , 2004, 21, 843-851.	6.6	486
4	Heterogeneity and hierarchy within the most primitive hematopoietic stem cell compartment. <i>Journal of Experimental Medicine</i> , 2010, 207, 1173-1182.	4.2	362
5	A Differentiation Checkpoint Limits Hematopoietic Stem Cell Self-Renewal in Response to DNA Damage. <i>Cell</i> , 2012, 148, 1001-1014.	13.5	296
6	Cytokine signals modulated via lipid rafts mimic niche signals and induce hibernation in hematopoietic stem cells. <i>EMBO Journal</i> , 2006, 25, 3515-3523.	3.5	237
7	Differential impact of Ink4a and Arf on hematopoietic stem cells and their bone marrow microenvironment in Bmi1-deficient mice. <i>Journal of Experimental Medicine</i> , 2006, 203, 2247-2253.	4.2	216
8	The Polycomb Gene Product BMI1 Contributes to the Maintenance of Tumor-Initiating Side Population Cells in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2008, 68, 7742-7749.	0.4	199
9	Quantification of Self-Renewal Capacity in Single Hematopoietic Stem Cells from Normal and Lnk-Deficient Mice. <i>Developmental Cell</i> , 2005, 8, 907-914.	3.1	170
10	Adult mouse hematopoietic stem cells: purification and single-cell assays. <i>Nature Protocols</i> , 2006, 1, 2979-2987.	5.5	164
11	VEGFR1 Tyrosine Kinase Signaling Promotes Lymphangiogenesis as Well as Angiogenesis Indirectly via Macrophage Recruitment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 658-664.	1.1	120
12	Heterogeneity and hierarchy of hematopoietic stem cells. <i>Experimental Hematology</i> , 2014, 42, 74-82.e2.	0.2	117
13	Functional characterization of hematopoietic stem cells in the spleen. <i>Experimental Hematology</i> , 2011, 39, 351-359.e3.	0.2	84
14	Lnk regulates integrin $\alpha\text{IIb}\beta\text{3}$ outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. <i>Journal of Clinical Investigation</i> , 2010, 120, 179-190.	3.9	84
15	Wnt activity and basal niche position sensitize intestinal stem and progenitor cells to DNA damage. <i>EMBO Journal</i> , 2015, 34, 624-640.	3.5	82
16	Interleukin-27 directly induces differentiation in hematopoietic stem cells. <i>Blood</i> , 2008, 111, 1903-1912.	0.6	78
17	Non-side-population hematopoietic stem cells in mouse bone marrow. <i>Blood</i> , 2006, 108, 2850-2856.	0.6	73
18	The Plasminogen Fibrinolytic Pathway Is Required for Hematopoietic Regeneration. <i>Cell Stem Cell</i> , 2007, 1, 658-670.	5.2	72

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19	Endomucin, a CD34-like sialomucin, marks hematopoietic stem cells throughout development. <i>Journal of Experimental Medicine</i> , 2005, 202, 1483-1492.	4.2	71
20	Integrin- $\alpha$ v $\beta$ 3 regulates thrombopoietin-mediated maintenance of hematopoietic stem cells. <i>Blood</i> , 2012, 119, 83-94.	0.6	63
21	Puma and p21 represent cooperating checkpoints limiting self-renewal and chromosomal instability of somatic stem cells in response to telomere dysfunction. <i>Nature Cell Biology</i> , 2012, 14, 73-79.	4.6	56
22	Cohesin-mediated NF- $\kappa$ B signaling limits hematopoietic stem cell self-renewal in aging and inflammation. <i>Journal of Experimental Medicine</i> , 2019, 216, 152-175.	4.2	56
23	Wip1 deficiency impairs haematopoietic stem cell function via p53 and mTORC1 pathways. <i>Nature Communications</i> , 2015, 6, 6808.	5.8	53
24	MT1-MMP plays a critical role in hematopoiesis by regulating HIF-mediated chemokine/cytokine gene transcription within niche cells. <i>Blood</i> , 2012, 119, 5405-5416.	0.6	51
25	Mac-1 <sup>low</sup> early myeloid cells in the bone marrow-derived SP fraction migrate into injured skeletal muscle and participate in muscle regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 1050-1061.	1.0	50
26	Putative "Stemness" Gene Jam-B Is Not Required for Maintenance of Stem Cell State in Embryonic, Neural, or Hematopoietic Stem Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 6557-6570.	1.1	48
27	Definitive proof for direct reprogramming of hematopoietic cells to pluripotency. <i>Blood</i> , 2009, 114, 1764-1767.	0.6	47
28	Per2 induction limits lymphoid-biased haematopoietic stem cells and lymphopoiesis in the context of DNA damage and ageing. <i>Nature Cell Biology</i> , 2016, 18, 480-490.	4.6	46
29	Mice lacking Dok-1, Dok-2, and Dok-3 succumb to aggressive histiocytic sarcoma. <i>Laboratory Investigation</i> , 2010, 90, 1357-1364.	1.7	45
30	Cytokine Signaling, Lipid Raft Clustering, and HSC Hibernation. <i>Annals of the New York Academy of Sciences</i> , 2007, 1106, 54-63.	1.8	37
31	Molecular Cloning and Characterization of CRLM-2, a Novel Type I Cytokine Receptor Preferentially Expressed in Hematopoietic Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 224-229.	1.0	33
32	Generation of transgenic mouse line expressing Kusabira Orange throughout body, including erythrocytes, by random segregation of provirus method. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 586-591.	1.0	24
33	Full reconstitution of hematopoietic system by murine umbilical cord blood. <i>Transplantation</i> , 2003, 75, 1820-1826.	0.5	17
34	Genetic marking of hematopoietic stem and endothelial cells: identification of the Tmtsp gene encoding a novel cell surface protein with the thrombospondin-1 domain. <i>Blood</i> , 2006, 107, 4317-4325.	0.6	15
35	FET family proto-oncogene Fus contributes to self-renewal of hematopoietic stem cells. <i>Experimental Hematology</i> , 2010, 38, 696-706.	0.2	14
36	Hematopoietic Stem Cells in the Mouse Spleen. <i>Blood</i> , 2008, 112, 2421-2421.	0.6	14

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37	Lin28a - boost your energy for youthful regeneration. EMBO Journal, 2014, 33, 5-6.	3.5	12
38	Elevated Hedgehog activity contributes to attenuated DNA damage responses in aged hematopoietic cells. Leukemia, 2020, 34, 1125-1134.	3.3	10
39	Xpg limits the expansion of haematopoietic stem and progenitor cells after ionising radiation. Nucleic Acids Research, 2016, 44, 6252-6261.	6.5	9
40	Isolation of Murine Hematopoietic Stem Cells and Progenitor Cells. Current Protocols in Immunology, 2005, 67, Unit 22B.1.	3.6	6
41	The Plasminogen Fibrinolytic Pathway Is Required for Hematopoietic Regeneration. Cell Stem Cell, 2008, 3, 120.	5.2	4
42	Repopulation dynamics of single haematopoietic stem cells in mouse transplantation experiments: Importance of stem cell composition in competitor cells. Journal of Theoretical Biology, 2016, 394, 57-67.	0.8	4
43	Five-Lineage Clonal Analysis of Hematopoietic Stem/Progenitor Cells. Methods in Molecular Biology, 2014, 1185, 237-245.	0.4	1
44	Identification of immature podocyte specific antigen using retrovirus-mediated gene transfer and cell sorting. Clinical and Experimental Nephrology, 2005, 9, 292-296.	0.7	0
45	Mechanism of Functional Alterations in Hematopoietic Stem Cell Aging. Else-KrÄ¶ner-Fresenius-Symposia, 2014, , 40-59.	0.1	0
46	Differential impact of Ink4a and Arf on hematopoietic stem cells and their bone marrow microenvironment in Bmi1-deficient mice. Journal of Cell Biology, 2006, 174, i12-i12.	2.3	0
47	Novel Functions for a Fibrinolytic Pathway in Controlling the Stem Cell Niche.. Blood, 2006, 108, 1394-1394.	0.6	0
48	CD61/ Integrin $\alpha$ 3 Ligand Contributes to the Thrombopoietin-Mediated Niche Function of Mouse Hematopoietic Stem Cells.. Blood, 2009, 114, 383-383.	0.6	0
49	Megakaryocyte Lineage Commitment in Hematopoietic Stem Cells. Blood, 2011, 118, 909-909.	0.6	0