Keisuke Ito

List of Publications by Year
in descending order

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#	Article	IF	Citations
1	Paul S. Frenette (1965â€“2021). FASEB BioAdvances, 2022, 4, 5-8.	1.3	0
2	Multilayer omics analysis reveals a non-classical retinoic acid signaling axis that regulates hematopoietic stem cell identity. Cell Stem Cell, 2022, 29, 131-148.e10.	5.2	40
3	CD36-Mediated Fatty Acid Oxidation in Hematopoietic Stem Cells Is a Novel Mechanism of Emergency Hematopoiesis in Response to Infection. Immunometabolism, 2022, 4, .	0.7	4
4	<i>NPM1</i> ablation induces HSC aging and inflammation to develop myelodysplastic syndrome exacerbated by <i>p53</i> loss. EMBO Reports, 2022, 23, e54262.	2.0	12
5	Tet-mediated DNA demethylation regulates specification of hematopoietic stem and progenitor cells during mammalian embryogenesis. Science Advances, 2022, 8, eabm3470.	4.7	13
6	Metabolic Regulation of Hematopoietic Stem Cells. HemaSphere, 2022, 6, e740.	1.2	15
7	Recent advances in â€œsickle and nicheâ€•research - Tribute to Dr. Paul S Frenette -. Stem Cell Reports, 2022, 17, 1509-1535.	2.3	8
8	Dipeptidyl peptidase IV inhibitory dipeptides contained in hydrolysates of green tea grounds. Food Science and Technology Research, 2021, 27, 329-334.	0.3	0
9	Of Nestin and Niches: Paul S. Frenette, MD (1965-2021). , 2021, 18, .		0
10	A new screening method for identifying chemosensory receptors responding to agonist. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1521-1525.	0.6	0
11	Trp-Trp acts as a multifunctional blocker for human bitter taste receptors, hTAS2R14, hTAS2R16, hTAS2R43, and hTAS2R46. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1526-1529.	0.6	3
12	1â€²-Acetoxychavicol acetate, a potent transient receptor potential ankyrin 1 agonist derived from Thai ginger, prevents visceral fat accumulation in mice fed with a high-fat and high-sucrose diet. Bioscience, Biotechnology and Biochemistry, 2021, 85, 2191-2194.	0.6	0
13	Actinomycin D Targets NPM1c-Primed Mitochondria to Restore PML-Driven Senescence in AML Therapy. Cancer Discovery, 2021, 11, 3198-3213.	7.7	38
14	Intravital fluorescence microscopy with negative contrast. PLoS ONE, 2021, 16, e0255204.	1.1	6
15	Bitterness-masking peptides for epigallocatechin gallate identified through peptide array analysis. Food Science and Technology Research, 2021, 27, 221-228.	0.3	5
16	Mitochondrial Contributions to Hematopoietic Stem Cell Aging. International Journal of Molecular Sciences, 2021, 22, 11117.	1.8	17
17	Leukemia Stem Cells as a Potential Target to Achieve Therapy-Free Remission in Chronic Myeloid Leukemia. Cancers, 2021, 13, 5822.	1.7	9
18	Hematopoietic Stem Cell Metabolism during Development and Aging. Developmental Cell, 2020, 54, 239-255.	3.1	124

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19	Improving the Accuracy of Flow Cytometric Assessment of Mitochondrial Membrane Potential in Hematopoietic Stem and Progenitor Cells Through the Inhibition of Efflux Pumps. Journal of Visualized Experiments, 2019, , .	0.2	9
20	Non-catalytic Roles of Tet2 Are Essential to Regulate Hematopoietic Stem and Progenitor Cell Homeostasis. Cell Reports, 2019, 28, 2480-2490.e4.	2.9	66
21	Electron transport chain complex II sustains high mitochondrial membrane potential in hematopoietic stem and progenitor cells. Stem Cell Research, 2019, 40, 101573.	0.3	40
22	Mitochondrial Stress-Initiated Aberrant Activation of the NLRP3 Inflammasome Regulates the Functional Deterioration of Hematopoietic Stem Cell Aging. Cell Reports, 2019, 26, 945-954.e4.	2.9	98
23	microRNA-22 promotes megakaryocyte differentiation through repression of its target, GFI1. Blood Advances, 2019, 3, 33-46.	2.5	14
24	Germline NPM1 mutations lead to altered rRNA 2â€²-O-methylation and cause dyskeratosis congenita. Nature Genetics, 2019, 51, 1518-1529.	9.4	84
25	Metabolism as master of hematopoietic stem cell fate. International Journal of Hematology, 2019, 109, 18-27.	0.7	71
26	Electron Transport Chain Complex II Sustains High Mitochondrial Membrane Potential in Hematopoietic Stem and Progenitor Cells. Blood, 2019, 134, 1188-1188.	0.6	0
27	A non-cell-autonomous role for Pml in the maintenance of leukemia from the niche. Nature Communications, 2018, 9, 66.	5.8	25
28	Membrane-potential compensation reveals mitochondrial volume expansion during HSC commitment. Experimental Hematology, 2018, 68, 30-37.e1.	0.2	46
29	Hematopoietic stem cell fate through metabolic control. Experimental Hematology, 2018, 64, 1-11.	0.2	68
30	Insights Into the Metabolic Control of Hematopoietic Stem Cell Fate. Experimental Hematology, 2018, 64, S35.	0.2	1
31	Image-guided transplantation of single cells in the bone marrow of live animals. Scientific Reports, 2017, 7, 3875.	1.6	15
32	A Macro View of MicroRNAs: The Discovery of MicroRNAs and Their Role in Hematopoiesis and Hematologic Disease. International Review of Cell and Molecular Biology, 2017, 334, 99-175.	1.6	58
33	DNMT3A and TET2 in the Pre-Leukemic Phase of Hematopoietic Disorders. Frontiers in Oncology, 2016, 6, 187.	1.3	38
34	Self-renewal of a purified <i>Tie2</i> ⁺ hematopoietic stem cell population relies on mitochondrial clearance. Science, 2016, 354, 1156-1160.	6.0	251
35	Metabolism and the Control of Cell Fate Decisions and Stem Cell Renewal. Annual Review of Cell and Developmental Biology, 2016, 32, 399-409.	4.0	86
36	HSC Contribution in Making Steady-State Blood. Immunity, 2016, 45, 464-466.	6.6	7

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37	Resistance in the Ribosome: RUNX1, pre-LSCs, and HSPCs. Cell Stem Cell, 2015, 17, 129-131.	5.2	0
38	DNA Damage: A Sensible Mediator of the Differentiation Decision in Hematopoietic Stem Cells and in Leukemia. International Journal of Molecular Sciences, 2015, 16, 6183-6201.	1.8	26
39	Mitochondrial control of hematopoietic stem cell balance and hematopoiesis. Frontiers in Biology, 2015, 10, 117-124.	0.7	9
40	DNA damage response, redox status and hematopoiesis. Blood Cells, Molecules, and Diseases, 2014, 52, 12-18.	0.6	17
41	Metabolic requirements for the maintenance of self-renewing stem cells. Nature Reviews Molecular Cell Biology, 2014, 15, 243-256.	16.1	848
42	The role of PML in hematopoietic and leukemic stem cell maintenance. International Journal of Hematology, 2014, 100, 18-26.	0.7	13
43	Cancer-Associated PTEN Mutants Act in a Dominant-Negative Manner to Suppress PTEN Protein Function. Cell, 2014, 157, 595-610.	13.5	235
44	DNA-damage-induced differentiation of leukaemic cells as an anti-cancer barrier. Nature, 2014, 514, 107-111.	13.7	174
45	The Oncogenic MicroRNA miR-22 Targets the TET2 Tumor Suppressor to Promote Hematopoietic Stem Cell Self-Renewal and Transformation. Cell Stem Cell, 2013, 13, 87-101.	5.2	288
46	Arteriolar niches maintain haematopoietic stem cell quiescence. Nature, 2013, 502, 637-643.	13.7	1,002
47	Newly Identified Roles of PML in Stem Cell Biology. Frontiers in Oncology, 2013, 3, 50.	1.3	5
48	A PMLâ€“PPAR-Î´ pathway for fatty acid oxidation regulates hematopoietic stem cell maintenance. Nature Medicine, 2012, 18, 1350-1358.	15.2	612
49	A metabolic prosurvival role for PML in breast cancer. Journal of Clinical Investigation, 2012, 122, 3088-3100.	3.9	220
50	A PMLâ€“PPAR-Î´ Pathway for Fatty Acid Oxidation Regulates Hematopoietic Stem Cell Maintenance Through the Control of Asymmetric Division.. Blood, 2012, 120, 2327-2327.	0.6	5
51	Analysis of the interaction of food components with model lingual epithelial cells: the case of sweet proteins. Flavour and Fragrance Journal, 2011, 26, 274-278.	1.2	8
52	Targeting Acute Myeloid Leukemia Stem Cells by MUC1-C Subunit Inhibition. Blood, 2010, 116, 848-848.	0.6	1
53	The Role of Nucleophosmin In Hematopoietic Stem Cells and the Pathogenesis of Myelodysplastic Syndrome. Blood, 2010, 116, 95-95.	0.6	5
54	A novel signaling network as a critical rheostat for the biology and maintenance of the normal stem cell and the cancer-initiating cell. Current Opinion in Genetics and Development, 2009, 19, 51-59.	1.5	47

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55	PML targeting eradicates quiescent leukaemia-initiating cells. Nature, 2008, 453, 1072-1078.	13.7	517
56	Regulation of Reactive Oxygen Species by <i>Atm</i> Is Essential for Proper Response to DNA Double-Strand Breaks in Lymphocytes. Journal of Immunology, 2007, 178, 103-110.	0.4	109
57	Foxo3a Is Essential for Maintenance of the Hematopoietic Stem Cell Pool. Cell Stem Cell, 2007, 1, 101-112.	5.2	780
58	Reactive oxygen species act through p38 MAPK to limit the lifespan of hematopoietic stem cells. Nature Medicine, 2006, 12, 446-451.	15.2	1,196
59	Regulation of oxidative stress by ATM is required for self-renewal of haematopoietic stem cells. Nature, 2004, 431, 997-1002.	13.7	1,084
60	Tie2/Angiopoietin-1 Signaling Regulates Hematopoietic Stem Cell Quiescence in the Bone Marrow Niche. Cell, 2004, 118, 149-161.	13.5	1,753