Wei Tong

List of Publications by Year
in descending order

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43 papers	4,057 citations	257450 24 h-index	265206 42 g-index
44 all docs	44 docs citations	44 times ranked	5653 citing authors

#	Article	IF	Citations
1	JAK2Exon 12 Mutations in Polycythemia Vera and Idiopathic Erythrocytosis. New England Journal of Medicine, 2007, 356, 459-468.	27.0	1,173
2	Expression of a homodimeric type I cytokine receptor is required for JAK2V617F-mediated transformation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18962-18967.	7.1	288
3	Lnk inhibits erythropoiesis and Epo-dependent JAK2 activation and downstream signaling pathways. Blood, 2005, 105, 4604-4612.	1.4	197
4	miR-451 protects against erythroid oxidant stress by repressing 14-3-3Î¶. Genes and Development, 2010, 24, 1620-1633.	5.9	192
5	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. ELife, 2020, 9, .	6.0	191
6	Lnk Inhibits Tpoâ€“mpl Signaling and Tpo-mediated Megakaryocytopoiesis. Journal of Experimental Medicine, 2004, 200, 569-580.	8.5	169
7	Progesterone Inhibits Estrogen-Induced Cyclin D1 and cdk4 Nuclear Translocation, Cyclin E- and Cyclin A-cdk2 Kinase Activation, and Cell Proliferation in Uterine Epithelial Cells in Mice. Molecular and Cellular Biology, 1999, 19, 2251-2264.	2.3	156
8	Lnk controls mouse hematopoietic stem cell self-renewal and quiescence through direct interactions with JAK2. Journal of Clinical Investigation, 2008, 118, 2832-44.	8.2	155
9	NuRD mediates activating and repressive functions of GATA-1 and FOG-1 during blood development. EMBO Journal, 2010, 29, 442-456.	7.8	132
10	ROS-mediated amplification of AKT/mTOR signalling pathway leads to myeloproliferative syndrome in Foxo3â^'/â^' mice. EMBO Journal, 2010, 29, 4118-4131.	7.8	126
11	Pivotal role for glycogen synthase kinaseâ€“3 in hematopoietic stem cell homeostasis in mice. Journal of Clinical Investigation, 2009, 119, 3519-29.	8.2	109
12	Genetic loss of SH2B3 in acute lymphoblastic leukemia. Blood, 2013, 122, 2425-2432.	1.4	101
13	Bone marrow adipogenic lineage precursors promote osteoclastogenesis in bone remodeling and pathologic bone loss. Journal of Clinical Investigation, 2021, 131, .	8.2	101
14	Lnk constrains myeloproliferative diseases in mice. Journal of Clinical Investigation, 2010, 120, 2058-2069.	8.2	94
15	Suppression of Sclerostin Alleviates Radiation-Induced Bone Loss by Protecting Bone-Forming Cells and Their Progenitors Through Distinct Mechanisms. Journal of Bone and Mineral Research, 2017, 32, 360-372.	2.8	88
16	Genetic Evidence for the Interactions of Cyclin D1 and p27^{Kip1} in Mice. Molecular and Cellular Biology, 2001, 21, 1319-1328.	2.3	83
17	Targeted Application of Human Genetic Variation Can Improve Red Blood Cell Production from Stem Cells. Cell Stem Cell, 2016, 18, 73-78.	11.1	78
18	LNK/SH2B3 regulates IL-7 receptor signaling in normal and malignant B-progenitors. Journal of Clinical Investigation, 2016, 126, 1267-1281.	8.2	67

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19	LNK/SH2B3 Loss of Function Promotes Atherosclerosis and Thrombosis. Circulation Research, 2016, 119, e91-e103.	4.5	61
20	FOG1 requires NuRD to promote hematopoiesis and maintain lineage fidelity within the megakaryocytic-erythroid compartment. Blood, 2010, 115, 2156-2166.	1.4	53
21	CBL family E3 ubiquitin ligases control JAK2 ubiquitination and stability in hematopoietic stem cells and myeloid malignancies. Genes and Development, 2017, 31, 1007-1023.	5.9	49
22	Heterogeneity of leukemia-initiating capacity of chronic myelogenous leukemia stem cells. Journal of Clinical Investigation, 2016, 126, 975-991.	8.2	44
23	The Membrane-proximal Region of the Thrombopoietin Receptor Confers Its High Surface Expression by JAK2-dependent and -independent Mechanisms. Journal of Biological Chemistry, 2006, 281, 38930-38940.	3.4	32
24	A nonsynonymous LNK polymorphism associated with idiopathic erythrocytosis. American Journal of Hematology, 2011, 86, 962-964.	4.1	30
25	HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. Cell Stem Cell, 2021, 28, 1275-1290.e9.	11.1	30
26	Signals emanating from the membrane proximal region of the thrombopoietin receptor (mpl) support hematopoietic stem cell self-renewal. Experimental Hematology, 2007, 35, 1447-1455.	0.4	25
27	14-3-3 regulates the LNK/JAK2 pathway in mouse hematopoietic stem and progenitor cells. Journal of Clinical Investigation, 2012, 122, 2079-2091.	8.2	23
28	Lnk deficiency partially mitigates hematopoietic stem cell aging. Aging Cell, 2012, 11, 949-959.	6.7	22
29	MERIT40 cooperates with BRCA2 to resolve DNA interstrand cross-links. Genes and Development, 2015, 29, 1955-1968.	5.9	22
30	Targeting Interleukin-2-Inducible T-Cell Kinase (ITK) Differentiates GVL and GVHD in Allo-HSCT. Frontiers in Immunology, 2020, 11, 593863.	4.8	21
31	Depalmitoylation rewires FLT3-ITD signaling and exacerbates leukemia progression. Blood, 2021, 138, 2244-2255.	1.4	20
32	The BRISC deubiquitinating enzyme complex limits hematopoietic stem cell expansion by regulating JAK2 K63-ubiquitination. Blood, 2019, 133, 1560-1571.	1.4	19
33	A novel mutation in MPL (Y252H) results in increased thrombopoietin sensitivity in essential thrombocythemia. American Journal of Hematology, 2012, 87, 532-534.	4.1	17
34	Lnk/Sh2b3 deficiency restores hematopoietic stem cell function and genome integrity in Fancd2 deficient Fanconi anemia. Nature Communications, 2018, 9, 3915.	12.8	15
35	Rb family proteins enforce the homeostasis of quiescent hematopoietic stem cells by repressing Socs3 expression. Journal of Experimental Medicine, 2017, 214, 1901-1912.	8.5	13
36	Intracellular signaling by the erythropoietin receptor. , 2009, , 155-174.		13

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37	Signaling Profiling at the Single-Cell Level Identifies a Distinct Signaling Signature in Murine Hematopoietic Stem Cells. Stem Cells, 2012, 30, 1447-1454.	3.2	11
38	MERIT40 deficiency expands hematopoietic stem cell pools by regulating thrombopoietin receptor signaling. Blood, 2015, 125, 1730-1738.	1.4	8
39	Transient expansion and myofibroblast conversion of adipogenic lineage precursors mediate bone marrow repair after radiation. JCI Insight, 2022, 7, .	5.0	7
40	PparÎ³1 Facilitates ErbB2-Mammary Adenocarcinoma in Mice. Cancers, 2021, 13, 2171.	3.7	5
41	ARAP3 Functions in Hematopoietic Stem Cells. PLoS ONE, 2014, 9, e116107.	2.5	5
42	Estrogen and progesterone regulation of cell proliferation in the endometrium of muridae and humans. Reproductive Medicine and Assisted Reproductive Techniques Series, 2008, , 99-122.	0.1	3
43	LNK (SH2B3) Inhibition Expands Healthy and Fanconi Anemia Human Hematopoietic Stem and Progenitor Cells. Blood Advances, 2021, , .	5.2	3