

Takahiro Ito

List of Publications by Year in descending order

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47
papers

1,774
citations

471509

17
h-index

276875

41
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49
all docs

49
docs citations

49
times ranked

3128
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of myeloid leukaemia by the cell-fate determinant Musashi. <i>Nature</i> , 2010, 466, 765-768.	27.8	315
2	Cancer progression by reprogrammed BCAA metabolism in myeloid leukaemia. <i>Nature</i> , 2017, 545, 500-504.	27.8	287
3	Prolonged Correction of Serum Phosphorus in Adults With X-Linked Hypophosphatemia Using Monthly Doses of KRN23. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2565-2573.	3.6	141
4	Pleiotrophin Regulates the Retention and Self-Renewal of Hematopoietic Stem Cells in the Bone Marrow Vascular Niche. <i>Cell Reports</i> , 2012, 2, 964-975.	6.4	129
5	Image-based detection and targeting of therapy resistance in pancreatic adenocarcinoma. <i>Nature</i> , 2016, 534, 407-411.	27.8	114
6	Lis1 regulates asymmetric division in hematopoietic stem cells and in leukemia. <i>Nature Genetics</i> , 2014, 46, 245-252.	21.4	97
7	Loss of β -catenin triggers oxidative stress and impairs hematopoietic regeneration. <i>Genes and Development</i> , 2014, 28, 995-1004.	5.9	69
8	Tetraspanin 3 Is Required for the Development and Propagation of Acute Myelogenous Leukemia. <i>Cell Stem Cell</i> , 2015, 17, 152-164.	11.1	58
9	β -Arrestin2 mediates the initiation and progression of myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12532-12537.	7.1	53
10	Stimulation of RNA polymerase II transcript cleavage activity contributes to maintain transcriptional fidelity in yeast. <i>Genes To Cells</i> , 2007, 12, 547-559.	1.2	48
11	Continuous in vivo Metabolism by NMR. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 26.	3.5	41
12	Transcription elongation factor S-II maintains transcriptional fidelity and confers oxidative stress resistance. <i>Genes To Cells</i> , 2003, 8, 779-788.	1.2	36
13	Transcription Elongation Factor S-II Is Required for Definitive Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2006, 26, 3194-3203.	2.3	33
14	High-resolution imaging and computational analysis of haematopoietic cell dynamics in vivo. <i>Nature Communications</i> , 2016, 7, 12169.	12.8	27
15	Spermatocyte-specific expression of the gene for mouse testis-specific transcription elongation factor S-II. <i>FEBS Letters</i> , 1996, 385, 21-24.	2.8	24
16	Direct interaction between metastasis-associated protein 1 and endophilin 3. <i>FEBS Letters</i> , 2005, 579, 3731-3736.	2.8	22
17	Regulation of Stem Cell Self-Renewal and Oncogenesis by RNA-Binding Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2016, 907, 153-188.	1.6	19
18	Impact of Rifaximin Therapy on Ischemia/Reperfusion Injury in Liver Transplantation: A Propensity Score-Matched Analysis. <i>Liver Transplantation</i> , 2019, 25, 1778-1789.	2.4	19

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19	RNA binding protein MSI2 positively regulates FLT3 expression in myeloid leukemia. <i>Leukemia Research</i> , 2017, 54, 47-54.	0.8	18
20	The CD44/COL17A1 pathway promotes the formation of multilayered, transformed epithelia. <i>Current Biology</i> , 2021, 31, 3086-3097.e7.	3.9	18
21	Transcriptional repression of the <i>IMD2</i> gene mediated by the transcriptional coactivator Sub1. <i>Genes To Cells</i> , 2008, 13, 1113-1126.	1.2	17
22	RGC-32 is expressed in the human atherosclerotic arterial wall: Role in C5b-9-induced cell proliferation and migration. <i>Experimental and Molecular Pathology</i> , 2016, 101, 221-230.	2.1	17
23	Antioxidant N-acetyl-L-cysteine inhibits erythropoietin-induced differentiation of erythroid progenitors derived from mouse fetal liver. <i>Cell Biology International</i> , 2007, 31, 252-256.	3.0	15
24	Stem cell maintenance and disease progression in chronic myeloid leukemia. <i>International Journal of Hematology</i> , 2013, 98, 641-647.	1.6	15
25	GRIP1 β , a novel PDZ domain-containing transcriptional activator, cooperates with the testis-specific transcription elongation factor SII-T1. <i>Genes To Cells</i> , 2004, 9, 1125-1135.	1.2	14
26	Participation of Rho-dependent transcription termination in oxidative stress sensitivity caused by an rpoB mutation. <i>Genes To Cells</i> , 2005, 10, 477-487.	1.2	13
27	Novel RNA polymerase II mutation suppresses transcriptional fidelity and oxidative stress sensitivity in <i>rpb9Δ</i> yeast. <i>Genes To Cells</i> , 2010, 15, 151-159.	1.2	12
28	aSIRTing Control over Cancer Stem Cells. <i>Cancer Cell</i> , 2012, 21, 140-142.	16.8	12
29	Analysis of intracellular α -keto acids by HPLC with fluorescence detection. <i>Analytical Methods</i> , 2020, 12, 2555-2559.	2.7	11
30	A stem cell reporter based platform to identify and target drug resistant stem cells in myeloid leukemia. <i>Nature Communications</i> , 2020, 11, 5998.	12.8	8
31	Identification of a Novel Tissue-Specific Transcriptional Activator FESTA as a Protein That Interacts with the Transcription Elongation Factor S-II. <i>Journal of Biochemistry</i> , 2003, 133, 493-500.	1.7	7
32	Transcription arrest relief by S α W/TFIIS during gene expression in erythroblast differentiation. <i>Genes To Cells</i> , 2009, 14, 371-380.	1.2	6
33	Liver Transplantation in Patients With Pretransplant Aspergillus Colonization: Is It Safe to Proceed?. <i>Transplantation</i> , 2021, 105, 586-592.	1.0	6
34	Gene structure and chromosome mapping of mouse transcription elongation factor S-II (Tcea1). <i>Gene</i> , 2000, 244, 55-63.	2.2	5
35	Improved method for the PCR-based gene disruption in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2008, 8, 193-194.	2.3	5
36	Engineering a BCR-ABL Δ activated caspase for the selective elimination of leukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2300-2305.	7.1	5

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37	Analysis of Branched-Chain Keto Acids in Cell Extracts by HPLC-Fluorescence Detection. <i>Chromatography</i> , 2017, 38, 129-133.	1.7	5
38	Defective FESTA/EAF2-mediated transcriptional activation in S-II-deficient embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 603-609.	2.1	4
39	Determination of intracellular 2-hydroxyglutarate enantiomers using two-dimensional liquid chromatography. <i>Journal of Chromatography Open</i> , 2021, 1, 100005.	2.2	3
40	Identification of Syndecan-1 As a Key Dependency of Myeloid Leukemia Growth and Dissemination. <i>Blood</i> , 2018, 132, 3003-3003.	1.4	3
41	Immunoglobulin superfamily member 8 maintains myeloid leukemia stem cells through inhibition of β -catenin degradation. <i>Leukemia</i> , 2022, 36, 1550-1562.	7.2	3
42	Gene organization and chromosome mapping of the testis-specific S-II. <i>Mammalian Genome</i> , 1998, 9, 915-917.	2.2	2
43	Pleiotrophin Regulates the Retention and Self-Renewal of Hematopoietic Stem Cells in the Bone Marrow Vascular Niche. <i>Cell Reports</i> , 2012, 2, 1774.	6.4	1
44	Role of amino acid metabolism in cancer progression. <i>Experimental Hematology</i> , 2016, 44, S78.	0.4	1
45	Amino acid metabolism in myeloid leukemia. <i>Experimental Hematology</i> , 2015, 43, S66.	0.4	0
46	Reprogramming cell fates by RNA binding proteins in stem cells and cancer. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
47	Immunoglobulin Superfamily Member 8 Is Indispensable for Myeloid Leukemia Via Wnt/ β -Catenin Signaling Pathway. <i>Blood</i> , 2020, 136, 23-24.	1.4	0