Kazuhiko Igarashi

List of Publications by Year
in descending order

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197	19,331	16411	12233
papers	citations	h-index	g-index

202	202	202	20187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. Biochemical and Biophysical Research Communications, 1997, 236, 313-322.	1.0	3,495
2	Oxidative Stress Sensor Keap1 Functions as an Adaptor for Cul3-Based E3 Ligase To Regulate Proteasomal Degradation of Nrf2. Molecular and Cellular Biology, 2004, 24, 7130-7139.	1.1	1,878
3	Hemoprotein Bach1 regulates enhancer availability of heme oxygenase-1 gene. EMBO Journal, 2002, 21, 5216-5224.	3.5	567
4	Heme mediates derepression of Maf recognition element through direct binding to transcription repressor Bach1. EMBO Journal, 2001, 20, 2835-2843.	3.5	448
5	Regulation of transcription by dimerization of erythroid factor NF-E2 p45 with small Maf proteins. Nature, 1994, 367, 568-572.	13.7	428
6	Heme-Mediated SPI-C Induction Promotes Monocyte Differentiation into Iron-Recycling Macrophages. Cell, 2014, 156, 1223-1234.	13.5	359
7	Bipartite functional map of the E. coli RNA polymerase Î± subunit: Involvement of the C-terminal region in transcription activation by cAMP-CRP. Cell, 1991, 65, 1015-1022.	13.5	353
8	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. Nature, 2013, 498, 506-510.	13.7	332
9	DNA Damage-Dependent Acetylation and Ubiquitination of H2AX Enhances Chromatin Dynamics. Molecular and Cellular Biology, 2007, 27, 7028-7040.	1.1	327
10	Heme regulates the dynamic exchange of Bach1 and NF-E2-related factors in the Maf transcription factor network. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1461-1466.	3.3	309
11	Characterization of the cancer chemopreventive NRF2-dependent gene battery in human keratinocytes: demonstration that the KEAP1â€“NRF2 pathway, and not the BACH1â€“NRF2 pathway, controls cytoprotection against electrophiles as well as redox-cycling compounds. Carcinogenesis, 2009, 30, 1571-1580.	1.3	273
12	Molecular Cloning and Functional Characterization of a New Cap'n' Collar Family Transcription Factor Nrf3. Journal of Biological Chemistry, 1999, 274, 6443-6452.	1.6	254
13	Heme Induces Ubiquitination and Degradation of the Transcription Factor Bach1. Molecular and Cellular Biology, 2007, 27, 6962-6971.	1.1	251
14	The transcriptional programme of antibody class switching involves the repressor Bach2. Nature, 2004, 429, 566-571.	13.7	249
15	The world according to Maf. Nucleic Acids Research, 1997, 25, 2953-2959.	6.5	248
16	The superoxide-producing NAD(P)H oxidase Nox4 in the nucleus of human vascular endothelial cells. Genes To Cells, 2005, 10, 1139-1151.	0.5	246
17	S-Adenosylmethionine Synthesis Is Regulated by Selective N6-Adenosine Methylation and mRNA Degradation Involving METTL16 and YTHDC1. Cell Reports, 2017, 21, 3354-3363.	2.9	240
18	Bach1 Functions as a Hypoxia-inducible Repressor for the Heme Oxygenase-1 Gene in Human Cells. Journal of Biological Chemistry, 2003, 278, 9125-9133.	1.6	238

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19	The Tohoku Medical Megabank Project: Design and Mission. Journal of Epidemiology, 2016, 26, 493-511.	1.1	236
20	The Heme-Bach1 Pathway in the Regulation of Oxidative Stress Response and Erythroid Differentiation. Antioxidants and Redox Signaling, 2006, 8, 107-118.	2.5	223
21	BACH2 regulates CD8+ T cell differentiation by controlling access of AP-1 factors to enhancers. Nature Immunology, 2016, 17, 851-860.	7.0	221
22	Dynamic changes in transcription factor complexes during erythroid differentiation revealed by quantitative proteomics. Nature Structural and Molecular Biology, 2004, 11, 73-80.	3.6	199
23	Heme regulates gene expression by triggering Crm1-dependent nuclear export of Bach1. EMBO Journal, 2004, 23, 2544-2553.	3.5	193
24	Multivalent DNA Binding Complex Generated by Small Maf and Bach1 as a Possible Biochemical Basis for Î²-Globin Locus Control Region Complex. Journal of Biological Chemistry, 1998, 273, 11783-11790.	1.6	174
25	Bach2 represses plasma cell gene regulatory network in B cells to promote antibody class switch. EMBO Journal, 2010, 29, 4048-4061.	3.5	166
26	Identification of Bach2 as a B-cell-specific partner for small Maf proteins that negatively regulate the immunoglobulin heavy chain gene 3' enhancer. EMBO Journal, 1998, 17, 5734-5743.	3.5	162
27	Methionine Adenosyltransferase II Serves asÂa Transcriptional Corepressor of Maf Oncoprotein. Molecular Cell, 2011, 41, 554-566.	4.5	153
28	Cadmium Induces Nuclear Export of Bach1, a Transcriptional Repressor of Heme Oxygenase-1 Gene. Journal of Biological Chemistry, 2003, 278, 49246-49253.	1.6	145
29	Ferroptosis is controlled by the coordinated transcriptional regulation of glutathione and labile iron metabolism by the transcription factor BACH1. Journal of Biological Chemistry, 2020, 295, 69-82.	1.6	141
30	Plasmacytic Transcription Factor Blimp-1 Is Repressed by Bach2 in B Cells. Journal of Biological Chemistry, 2006, 281, 38226-38234.	1.6	138
31	Mitochondrial function provides instructive signals for activation-induced B-cell fates. Nature Communications, 2015, 6, 6750.	5.8	138
32	Mapping the cAMP receptor protein contact site on the ? subunit of Escherichia coli RNA polymerase. Molecular Microbiology, 1992, 6, 2599-2605.	1.2	123
33	Bach2 maintains T cells in a naive state by suppressing effector memory-related genes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10735-10740.	3.3	119
34	Activation of Â-major globin gene transcription is associated with recruitment of NF-E2 to the Â-globin LCR and gene promoter. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10226-10231.	3.3	118
35	Heme Positively Regulates the Expression of Î²-Globin at the Locus Control Region via the Transcriptional Factor Bach1 in Erythroid Cells. Journal of Biological Chemistry, 2004, 279, 5480-5487.	1.6	111
36	E.coliRNA polymerase, deleted in the C-terminal part of its Î±-subunit, interacts differently with the cAMP-CRP complex at thelacP1 and at thegaP1 promoter. Nucleic Acids Research, 1993, 21, 319-326.	6.5	108

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37	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM) Tj ETQq1 1 0.784314 rgBT /Overlock 2020, 49, 18-19m.	0.9	107
38	Human small Maf proteins form heterodimers with CNC family transcription factors and recognize the NF-E2 motif. Oncogene, 1997, 14, 1901-1910.	2.6	105
39	A Combinatorial Code for Gene Expression Generated by Transcription Factor Bach2 and MAZR (MAZ-Related Factor) through the BTB/POZ Domain. Molecular and Cellular Biology, 2000, 20, 1733-1746.	1.1	105
40	BACH2 mediates negative selection and p53-dependent tumor suppression at the pre-B cell receptor checkpoint. Nature Medicine, 2013, 19, 1014-1022.	15.2	100
41	Regulation of Heme Oxygenase-1 Gene Transcription: Recent Advances and Highlights from the International Conference (Uppsala, 2003) on Heme Oxygenase. Antioxidants and Redox Signaling, 2004, 6, 924-933.	2.5	98
42	Regulation of the plasma cell transcription factor Blimp-1 gene by Bach2 and Bcl6. International Immunology, 2008, 20, 453-460.	1.8	98
43	The transcription repressors Bach2 and Bach1 promote B cell development by repressing the myeloid program. Nature Immunology, 2014, 15, 1171-1180.	7.0	97
44	Activity and Expression of Murine Small Maf Family Protein MafK. Journal of Biological Chemistry, 1995, 270, 7615-7624.	1.6	96
45	Bach1 Repression of Ferritin and Thioredoxin Reductase1 Is Heme-sensitive in Cells and in Vitro and Coordinates Expression with Heme Oxygenase1, Î²-Globin, and NADP(H) Quinone (Oxido) Reductase1. Journal of Biological Chemistry, 2007, 282, 34365-34371.	1.6	95
46	Transcription repressor Bach2 is required for pulmonary surfactant homeostasis and alveolar macrophage function. Journal of Experimental Medicine, 2013, 210, 2191-2204.	4.2	95
47	Bach1, a hemeâ€dependent transcription factor, reveals presence of multiple heme binding sites with distinct coordination structure. IUBMB Life, 2007, 59, 542-551.	1.5	94
48	Suppression of Rat Thromboxane Synthase Gene Transcription by Peroxisome Proliferator-activated Receptor Î³ in Macrophages via an Interaction with NRF2. Journal of Biological Chemistry, 2000, 275, 33142-33150.	1.6	92
49	Wearing Red for Signaling: The Heme-Bach Axis in Heme Metabolism, Oxidative Stress Response and Iron Immunology. Tohoku Journal of Experimental Medicine, 2014, 232, 229-253.	0.5	92
50	Oxidative Stress Abolishes Leptomycin B-sensitive Nuclear Export of Transcription Repressor Bach2 That Counteracts Activation of Maf Recognition Element. Journal of Biological Chemistry, 2000, 275, 15370-15376.	1.6	91
51	BACH transcription factors in innate and adaptive immunity. Nature Reviews Immunology, 2017, 17, 437-450.	10.6	90
52	Glucocorticoid receptor signaling represses the antioxidant response by inhibiting histone acetylation mediated by the transcriptional activator NRF2. Journal of Biological Chemistry, 2017, 292, 7519-7530.	1.6	87
53	Bach1 inhibits oxidative stressâ€“induced cellular senescence by impeding p53 function on chromatin. Nature Structural and Molecular Biology, 2008, 15, 1246-1254.	3.6	86
54	Identification of a subunit assembly domain in the alpha subunit of Escherichia coli RNA polymerase. Journal of Molecular Biology, 1991, 218, 1-6.	2.0	85

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55	Long range interaction of cis-DNA elements mediated by architectural transcription factor Bach1. Genes To Cells, 1999, 4, 643-655.	0.5	85
56	Heme regulates B-cell differentiation, antibody class switch, and heme oxygenase-1 expression in B cells as a ligand of Bach2. Blood, 2011, 117, 5438-5448.	0.6	83
57	Functional specialization within the Î±-subunit of Escherichia coli RNA polymerase. Journal of Molecular Biology, 1991, 221, 23-29.	2.0	82
58	Activation of Maf/AP-1 Repressor Bach2 by Oxidative Stress Promotes Apoptosis and Its Interaction with Promyelocytic Leukemia Nuclear Bodies. Journal of Biological Chemistry, 2002, 277, 20724-20733.	1.6	81
59	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. Journal of Epidemiology, 2021, 31, 65-76.	1.1	81
60	Genetic ablation of the transcription repressor Bach1 leads to myocardial protection against ischemia/reperfusion in mice. Genes To Cells, 2006, 11, 791-803.	0.5	80
61	Orchestration of plasma cell differentiation by Bach2 and its gene regulatory network. Immunological Reviews, 2014, 261, 116-125.	2.8	72
62	Promoter selectivity ofEscherichia coliRNA polymerase: omega factor is responsible for the ppGpp sensitivity. Nucleic Acids Research, 1989, 17, 8755-8765.	6.5	71
63	Myocardial Protection Against Pressure Overload in Mice Lacking Bach1, a Transcriptional Repressor of Heme Oxygenase-1. Hypertension, 2008, 51, 1570-1577.	1.3	70
64	BACH1 Promotes Pancreatic Cancer Metastasis by Repressing Epithelial Genes and Enhancing Epithelialâ€“Mesenchymal Transition. Cancer Research, 2020, 80, 1279-1292.	0.4	69
65	Heme-dependent up-regulation of the Î±-globin gene expression by transcriptional repressor Bach1 in erythroid cells. Biochemical and Biophysical Research Communications, 2004, 324, 77-85.	1.0	68
66	Regulation of NF-E2 Activity in Erythroleukemia Cell Differentiation. Journal of Biological Chemistry, 1998, 273, 5358-5365.	1.6	67
67	BTB and CNC Homolog 1 (Bach1) Deficiency Ameliorates TNBS Colitis in Mice. Inflammatory Bowel Diseases, 2013, 19, 740-753.	0.9	66
68	Sequence analysis of two temperature-sensitive mutations in the alpha subunit gene (rpoA) ofEscherichia coliRNA polymerase. Nucleic Acids Research, 1990, 18, 5945-5948.	6.5	65
69	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. Arthritis Research and Therapy, 2015, 17, 285.	1.6	65
70	The Mediator Subunit MED16 Transduces NRF2-Activating Signals into Antioxidant Gene Expression. Molecular and Cellular Biology, 2016, 36, 407-420.	1.1	64
71	Conditional expression of the ubiquitous transcription factor MafK induces erythroleukemia cell differentiation.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7445-7449.	3.3	61
72	Cloning and expression of human B cell-specific transcription factor BACH2 mapped to chromosome 6q15. Oncogene, 2000, 19, 3739-3749.	2.6	61

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73	Epigenetic Regulation of the Blimp-1 Gene (Prdm1) in B Cells Involves Bach2 and Histone Deacetylase 3. Journal of Biological Chemistry, 2016, 291, 6316-6330.	1.6	60
74	Stimulation of the phage Î» pL promoter by integration host factor requires the carboxy terminus of the Î±-subunit of RNA polymerase. Journal of Molecular Biology, 1992, 227, 985-990.	2.0	57
75	Activation of the SUMO modification system is required for the accumulation of RAD51 at sites containing DNA damage. Journal of Cell Science, 2013, 126, 5284-92.	1.2	56
76	Methionine Adenosyltransferase II-dependent Histone H3K9 Methylation at the COX-2 Gene Locus. Journal of Biological Chemistry, 2013, 288, 13592-13601.	1.6	56
77	Mechanism governing heme synthesis reveals a GATA factor/heme circuit that controls differentiation. EMBO Reports, 2016, 17, 249-265.	2.0	55
78	Effects of genetic ablation ofbach1upon smooth muscle cell proliferation and atherosclerosis after cuff injury. Genes To Cells, 2005, 10, 277-285.	0.5	53
79	Bcr-Abl signaling through the PI-3/S6 kinase pathway inhibits nuclear translocation of the transcription factor Bach2, which represses the antiapoptotic factor heme oxygenase-1. Blood, 2007, 109, 1211-1219.	0.6	53
80	Reconstitution of Human Î²-Globin Locus Control Region Hypersensitive Sites in the Absence of Chromatin Assembly. Molecular and Cellular Biology, 2001, 21, 2629-2640.	1.1	52
81	Architecture and Dynamics of the Transcription Factor Network that Regulates B-to-Plasma Cell Differentiation. Journal of Biochemistry, 2007, 141, 783-789.	0.9	52
82	Transforming Growth Factor-Î² Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. Journal of Biological Chemistry, 2013, 288, 20658-20667.	1.6	50
83	Lipid peroxidation and the subsequent cell death transmitting from ferroptotic cells to neighboring cells. Cell Death and Disease, 2021, 12, 332.	2.7	50
84	Repression of PML Nuclear Body-Associated Transcription by Oxidative Stress-Activated Bach2. Molecular and Cellular Biology, 2004, 24, 3473-3484.	1.1	47
85	Duodenal follicular lymphoma lacks AID but expresses BACH2 and has memory B-cell characteristics. Modern Pathology, 2013, 26, 22-31.	2.9	47
86	Ferroptosis: regulation by competition between NRF2 and BACH1 and propagation of the death signal. FEBS Journal, 2023, 290, 1688-1704.	2.2	47
87	Small Maf Compound Mutants Display Central Nervous System Neuronal Degeneration, Aberrant Transcription, and Bach Protein Mislocalization Coincident with Myoclonus and Abnormal Startle Response. Molecular and Cellular Biology, 2003, 23, 1163-1174.	1.1	46
88	Transcription Factor IRF8 Governs Enhancer Landscape Dynamics in Mononuclear Phagocyte Progenitors. Cell Reports, 2018, 22, 2628-2641.	2.9	46
89	Methyl-Metabolite Depletion Elicits Adaptive Responses to Support Heterochromatin Stability and Epigenetic Persistence. Molecular Cell, 2020, 78, 210-223.e8.	4.5	45
90	B-cellâ€“specific transcription factor BACH2 modifies the cytotoxic effects of anticancer drugs. Blood, 2003, 102, 3317-3322.	0.6	44

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91	Ablation of the Bach1 Gene Leads to the Suppression of Atherosclerosis in Bach1 and Apolipoprotein E Double Knockout Mice. Hypertension Research, 2008, 31, 783-792.	1.5	44
92	The transcription factor BACH1 at the crossroads of cancer biology: From epithelialâ€“mesenchymal transition to ferroptosis. Journal of Biological Chemistry, 2021, 297, 101032.	1.6	44
93	O-GlcNAcylation Signal Mediates Proteasome Inhibitor Resistance in Cancer Cells by Stabilizing NRF1. Molecular and Cellular Biology, 2018, 38, .	1.1	43
94	Genetic Ablation of Transcription Repressor Bach1 Reduces Neural Tissue Damage and Improves Locomotor Function after Spinal Cord Injury in Mice. Journal of Neurotrauma, 2009, 26, 31-39.	1.7	42
95	A Bach2-Cebp Gene Regulatory Network for the Commitment of Multipotent Hematopoietic Progenitors. Cell Reports, 2017, 18, 2401-2414.	2.9	42
96	Dysregulated heme oxygenase-1low M2-like macrophages augment lupus nephritis via Bach1 induced by type I interferons. Arthritis Research and Therapy, 2018, 20, 64.	1.6	42
97	Transcription Factor BACH1 Is Recruited to the Nucleus by Its Novel Alternative Spliced Isoform. Journal of Biological Chemistry, 2001, 276, 7278-7284.	1.6	41
98	Prognostic Significance of BACH2 Expression in Diffuse Large B-Cell Lymphoma: A Study of the Osaka Lymphoma Study Group. Journal of Clinical Oncology, 2005, 23, 8012-8017.	0.8	41
99	Mesodermal- vs. neuronal-specific expression of MafK is elicited by different promoters. Genes To Cells, 1996, 1, 223-238.	0.5	40
100	Transgenic expression of BACH1 transcription factor results in megakaryocytic impairment. Blood, 2005, 105, 3100-3108.	0.6	40
101	Bach1 gene ablation reduces steatohepatitis in mouse MCD diet model. Journal of Clinical Biochemistry and Nutrition, 2010, 48, 161-166.	0.6	36
102	Bach1 deficiency protects pancreatic Î²-cells from oxidative stress injury. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E641-E648.	1.8	35
103	Interaction and Cooperation of mi Transcription Factor (MITF) and Myc-associated Zinc-finger Protein-related Factor (MAZR) for Transcription of Mouse Mast Cell Protease 6 Gene. Journal of Biological Chemistry, 2002, 277, 8566-8571.	1.6	34
104	Dynamic Cytoplasmic Anchoring of the Transcription Factor Bach1 by Intracellular Hyaluronic Acid Binding Protein IHABP. Journal of Biochemistry, 2005, 137, 287-296.	0.9	34
105	Î²-Carotene and Cigarette Smoke Condensate Regulate Heme Oxygenase-1 and Its Repressor Factor Bach1: Relationship with Cell Growth. Antioxidants and Redox Signaling, 2006, 8, 1069-1080.	2.5	33
106	TLR4 activation alters labile heme levels to regulate BACH1 and heme oxygenase-1 expression in macrophages. Free Radical Biology and Medicine, 2019, 137, 131-142.	1.3	33
107	Proline cis/trans-Isomerase Pin1 Regulates Peroxisome Proliferator-activated Receptor Î³ Activity through the Direct Binding to the Activation Function-1 Domain. Journal of Biological Chemistry, 2010, 285, 3126-3132.	1.6	32
108	N 1-methyladenosine (m1A) RNA modification: the key to ribosome control. Journal of Biochemistry, 2020, 167, 535-539.	0.9	32

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109	Histidine Decarboxylase Expression in Mouse Mast Cell Line P815 Is Induced by Mouse Peritoneal Cavity Incubation. Journal of Biological Chemistry, 1996, 271, 28439-28444.	1.6	31
110	Heme binds to an intrinsically disordered region of Bach2 and alters its conformation. Archives of Biochemistry and Biophysics, 2015, 565, 25-31.	1.4	31
111	Bach2 Promotes B Cell Receptorâ€“Induced Proliferation of B Lymphocytes and Represses Cyclin-Dependent Kinase Inhibitors. Journal of Immunology, 2018, 200, 2882-2893.	0.4	31
112	Zinc fingerâ€“IRF composite elements bound by Ikaros/IRF4 complexes function as gene repression in plasma cell. Blood Advances, 2018, 2, 883-894.	2.5	31
113	Down-regulation of heme oxygenase-2 is associated with the increased expression of heme oxygenase-1 in human cell lines. FEBS Journal, 2006, 273, 5333-5346.	2.2	29
114	The Transcription Factor Bach2 Is Phosphorylated at Multiple Sites in Murine B Cells but a Single Site Prevents Its Nuclear Localization. Journal of Biological Chemistry, 2016, 291, 1826-1840.	1.6	29
115	Genetic ablation of the Bach1 gene reduces hyperoxic lung injury in mice: Role of IL-6. Free Radical Biology and Medicine, 2009, 46, 1119-1126.	1.3	28
116	Reductions in the mitochondrial ABC transporter Abcb10 affect the transcriptional profile of heme biosynthesis genes. Journal of Biological Chemistry, 2017, 292, 16284-16299.	1.6	28
117	Infection perturbs Bach2- and Bach1-dependent erythroid lineage â€˜choiceâ€™ to cause anemia. Nature Immunology, 2018, 19, 1059-1070.	7.0	27
118	Collagenase H is Crucial for Isolation of Rat Pancreatic Islets. Cell Transplantation, 2014, 23, 1187-1198.	1.2	26
119	Genetic heterogeneity in 26 infants with a hypomyelinating leukodystrophy. Human Genetics, 2016, 135, 89-98.	1.8	26
120	The mTOR-Bach2 Cascade Controls Cell Cycle and Class Switch Recombination during B Cell Differentiation. Molecular and Cellular Biology, 2017, 37, .	1.1	26
121	Bach1 derepression is neuroprotective in a mouse model of Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
122	Expression of the Oxidative Stress-Regulated Transcription Factor Bach2 in Differentiating Neuronal Cells. Journal of Biochemistry, 2002, 132, 427-431.	0.9	25
123	Bach1 regulates osteoclastogenesis in a mouse model via both heme oxygenase 1â€“dependent and heme oxygenase 1â€“independent pathways. Arthritis and Rheumatism, 2012, 64, 1518-1528.	6.7	25
124	MiR-196a regulates heme oxygenase-1 by silencing Bach1 in the neonatal mouse lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L400-L411.	1.3	25
125	To be red or white: lineage commitment and maintenance of the hematopoietic system by the â€œinner myeloidâ€• Haematologica, 2019, 104, 1919-1927.	1.7	25
126	Metabolic Aspects of Epigenome: Coupling of S-Adenosylmethionine Synthesis and Gene Regulation on Chromatin by SAMIT Module. Sub-Cellular Biochemistry, 2013, 61, 105-118.	1.0	25

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127	The C113D Mutation in Human Pin1 Causes Allosteric Structural Changes in the Phosphate Binding Pocket of the PPIase Domain through the Tug of War in the Dual-Histidine Motif. Biochemistry, 2014, 53, 5568-5578.	1.2	24
128	Bach1 Modulates Heme Oxygenase-1 Expression in the Neonatal Mouse Lung. Pediatric Research, 2009, 65, 145-149.	1.1	23
129	Suppression of indomethacin-induced apoptosis in the small intestine due to Bach1 deficiency. Free Radical Research, 2011, 45, 717-727.	1.5	23
130	Regulation of heme oxygenase-1 by transcription factor Bach1 in the mouse brain. Neuroscience Letters, 2008, 440, 160-165.	1.0	22
131	Genomewide approaches for <scp>BACH</scp>1 target genes in mouse embryonic fibroblasts showed <scp>BACH</scp>1â€Pparg pathway in adipogenesis. Genes To Cells, 2016, 21, 553-567.	0.5	22
132	Heme Oxygenase-1 Gene Enhancer Manifests Silencing Activity in a Chromatin Environment Prior to Oxidative Stress. Antioxidants and Redox Signaling, 2006, 8, 60-67.	2.5	21
133	Identification of Senescence-Associated Genes and Their Networks Under Oxidative Stress by the Analysis of Bach1. Antioxidants and Redox Signaling, 2011, 14, 2441-2451.	2.5	21
134	Iron-heme-Bach1 axis is involved in erythroblast adaptation to iron deficiency. Haematologica, 2017, 102, 454-465.	1.7	21
135	Oxidative stress reaction in the meniscus of Bach 1 deficient mice: Potential prevention of meniscal degeneration. Journal of Orthopaedic Research, 2008, 26, 894-898.	1.2	20
136	Bach1 Deficiency Ameliorates Hepatic Injury in a Mouse Model. Tohoku Journal of Experimental Medicine, 2009, 217, 223-229.	0.5	20
137	Bach1-dependent and -independent Regulation of Heme Oxygenase-1 in Keratinocytes. Journal of Biological Chemistry, 2010, 285, 23581-23589.	1.6	20
138	Bach1Deficiency and Accompanying Overexpression of Heme Oxygenase-1 Do Not Influence Aging or Tumorigenesis in Mice. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	20
139	Synergistic Effect of Neutral Protease and Clostripain on Rat Pancreatic Islet Isolation. Transplantation, 2015, 99, 1349-1355.	0.5	20
140	The double knockout of Bach1 and Bach2 in mice reveals shared compensatory mechanisms in regulating alveolar macrophage function and lung surfactant homeostasis. Journal of Biochemistry, 2016, 160, 333-344.	0.9	20
141	SUMO modification system facilitates the exchange of histone variant H2A.Z-2 at DNA damage sites. Nucleus, 2018, 9, 87-94.	0.6	20
142	Genetic ablation of Bach1 gene enhances recovery from hyperoxic lung injury in newborn mice via transient upregulation of inflammatory genes. Pediatric Research, 2017, 81, 926-931.	1.1	19
143	Phosphorylation of BACH1 switches its function from transcription factor to mitotic chromosome regulator and promotes its interaction with HMMR. Biochemical Journal, 2018, 475, 981-1002.	1.7	19
144	Chromatin Protein PC4 Orchestrates B Cell Differentiation by Collaborating with IKAROS and IRF4. Cell Reports, 2020, 33, 108517.	2.9	19

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145	Fission yeast homologues of the Bâ€² subunit of protein phosphatase 2A: multiple roles in mitotic cell division and functional interaction with calcineurin. Genes To Cells, 2001, 6, 455-473.	0.5	18
146	Solution Structure of Clostridial Collagenase H and Its Calcium-Dependent Global Conformation Change. Biophysical Journal, 2013, 104, 1538-1545.	0.2	18
147	Crystal structure of the Bach1 BTB domain and its regulation of homodimerization. Genes To Cells, 2009, 14, 167-178.	0.5	17
148	Association between BACH 2 expression and clinical prognosis in diffuse large Bâ€cell lymphoma. Cancer Science, 2014, 105, 437-444.	1.7	17
149	Orchestration of B lymphoid cells and their inner myeloid by Bach. Current Opinion in Immunology, 2016, 39, 136-142.	2.4	17
150	Abundant Expression of Erythroid Transcription Factor P45 NF-E2 mRNA in Human Peripheral Granurocytes. Biochemical and Biophysical Research Communications, 1996, 219, 760-765.	1.0	16
151	Hemopexin-dependent heme uptake via endocytosis regulates the Bach1 transcription repressor and heme oxygenase gene activation. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2351-2360.	1.1	16
152	Regulatory signatures of liver regeneration distilled by integrative analysis of mRNA, histone methylation, and proteomics. Journal of Biological Chemistry, 2017, 292, 8019-8037.	1.6	16
153	Regulation of Heme Oxygenase-1 Gene Transcription: Recent Advances and Highlights from the International Conference (Uppsala, 2003) on Heme Oxygenase. Antioxidants and Redox Signaling, 2004, 6, 924-933.	2.5	16
154	Cloning of a Coproporphyrinogen Oxidase Promoter Regulatory Element Binding Protein. Biochemical and Biophysical Research Communications, 2000, 273, 596-602.	1.0	15
155	Co-repressor SMRT and Class II Histone Deacetylases Promote Bach2 Nuclear Retention and Formation of Nuclear Foci that are Responsible for Local Transcriptional Repression. Journal of Biochemistry, 2007, 141, 719-727.	0.9	15
156	Genetic complementation analysis showed distinct contributions of the Nâ€terminal tail of H2A.Z to epigenetic regulations. Genes To Cells, 2016, 21, 122-135.	0.5	15
157	Lactate dehydrogenase C is required for the protein expression of a sperm-specific isoform of lactate dehydrogenase A. Journal of Biochemistry, 2019, 165, 323-334.	0.9	15
158	Bach1 plays an important role in angiogenesis through regulation of oxidative stress. Microvascular Research, 2021, 134, 104126.	1.1	15
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