

Kazuhiko Igarashi

List of Publications by Year in descending order

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197
papers

19,331
citations

16437

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docs citations

202
times ranked

20187
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#	ARTICLE	IF	CITATIONS
1	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 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. <i>Molecular and Cellular Biology</i> , 2004, 24, 7130-7139.	1.1	1,878
3	Hemoprotein Bach1 regulates enhancer availability of heme oxygenase-1 gene. <i>EMBO Journal</i> , 2002, 21, 5216-5224.	3.5	567
4	Heme mediates derepression of Maf recognition element through direct binding to transcription repressor Bach1. <i>EMBO Journal</i> , 2001, 20, 2835-2843.	3.5	448
5	Regulation of transcription by dimerization of erythroid factor NF-E2 p45 with small Maf proteins. <i>Nature</i> , 1994, 367, 568-572.	13.7	428
6	Heme-Mediated SPI-C Induction Promotes Monocyte Differentiation into Iron-Recycling Macrophages. <i>Cell</i> , 2014, 156, 1223-1234.	13.5	359
7	Bipartite functional map of the E. coli RNA polymerase $\hat{\pm}$ subunit: Involvement of the C-terminal region in transcription activation by cAMP-CRP. <i>Cell</i> , 1991, 65, 1015-1022.	13.5	353
8	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. <i>Nature</i> , 2013, 498, 506-510.	13.7	332
9	DNA Damage-Dependent Acetylation and Ubiquitination of H2AX Enhances Chromatin Dynamics. <i>Molecular and Cellular Biology</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1461-1466.	3.3	309
11	Characterization of the cancer chemopreventive NRF2-dependent gene battery in human keratinocytes: demonstration that the KEAP1 $\hat{\pm}$ NRF2 pathway, and not the BACH1 $\hat{\pm}$ NRF2 pathway, controls cytoprotection against electrophiles as well as redox-cycling compounds. <i>Carcinogenesis</i> , 2009, 30, 1571-1580.	1.3	273
12	Molecular Cloning and Functional Characterization of a New Cap'n' Collar Family Transcription Factor Nrf3. <i>Journal of Biological Chemistry</i> , 1999, 274, 6443-6452.	1.6	254
13	Heme Induces Ubiquitination and Degradation of the Transcription Factor Bach1. <i>Molecular and Cellular Biology</i> , 2007, 27, 6962-6971.	1.1	251
14	The transcriptional programme of antibody class switching involves the repressor Bach2. <i>Nature</i> , 2004, 429, 566-571.	13.7	249
15	The world according to Maf. <i>Nucleic Acids Research</i> , 1997, 25, 2953-2959.	6.5	248
16	The superoxide-producing NAD(P)H oxidase Nox4 in the nucleus of human vascular endothelial cells. <i>Genes To Cells</i> , 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. <i>Cell Reports</i> , 2017, 21, 3354-3363.	2.9	240
18	Bach1 Functions as a Hypoxia-inducible Repressor for the Heme Oxygenase-1 Gene in Human Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 9125-9133.	1.6	238

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19	The Tohoku Medical Megabank Project: Design and Mission. <i>Journal of Epidemiology</i> , 2016, 26, 493-511.	1.1	236
20	The Heme-Bach1 Pathway in the Regulation of Oxidative Stress Response and Erythroid Differentiation. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 107-118.	2.5	223
21	BACH2 regulates CD8+ T cell differentiation by controlling access of AP-1 factors to enhancers. <i>Nature Immunology</i> , 2016, 17, 851-860.	7.0	221
22	Dynamic changes in transcription factor complexes during erythroid differentiation revealed by quantitative proteomics. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 73-80.	3.6	199
23	Heme regulates gene expression by triggering Crm1-dependent nuclear export of Bach1. <i>EMBO Journal</i> , 2004, 23, 2544-2553.	3.5	193
24	Multivalent DNA Binding Complex Generated by Small Maf and Bach1 as a Possible Biochemical Basis for β^2 -Globin Locus Control Region Complex. <i>Journal of Biological Chemistry</i> , 1998, 273, 11783-11790.	1.6	174
25	Bach2 represses plasma cell gene regulatory network in B cells to promote antibody class switch. <i>EMBO Journal</i> , 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. <i>EMBO Journal</i> , 1998, 17, 5734-5743.	3.5	162
27	Methionine Adenosyltransferase II Serves as a Transcriptional Corepressor of Maf Oncoprotein. <i>Molecular Cell</i> , 2011, 41, 554-566.	4.5	153
28	Cadmium Induces Nuclear Export of Bach1, a Transcriptional Repressor of Heme Oxygenase-1 Gene. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 2020, 295, 69-82.	1.6	141
30	Plasmacytic Transcription Factor Blimp-1 Is Repressed by Bach2 in B Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 38226-38234.	1.6	138
31	Mitochondrial function provides instructive signals for activation-induced B-cell fates. <i>Nature Communications</i> , 2015, 6, 6750.	5.8	138
32	Mapping the cAMP receptor protein contact site on the β subunit of Escherichia coli RNA polymerase. <i>Molecular Microbiology</i> , 1992, 6, 2599-2605.	1.2	123
33	Bach2 maintains T cells in a naive state by suppressing effector memory-related genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10735-10740.	3.3	119
34	Activation of β -major globin gene transcription is associated with recruitment of NF-E2 to the β -globin LCR and gene promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10226-10231.	3.3	118
35	Heme Positively Regulates the Expression of β^2 -Globin at the Locus Control Region via the Transcriptional Factor Bach1 in Erythroid Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 5480-5487.	1.6	111
36	E.coli RNA polymerase, deleted in the C-terminal part of its β -subunit, interacts differently with the cAMP-CRP complex at the lacP1 and at the gaP1 promoter. <i>Nucleic Acids Research</i> , 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. <i>Oncogene</i> , 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. <i>Molecular and Cellular Biology</i> , 2000, 20, 1733-1746.	1.1	105
40	BACH2 mediates negative selection and p53-dependent tumor suppression at the pre-B cell receptor checkpoint. <i>Nature Medicine</i> , 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. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 924-933.	2.5	98
42	Regulation of the plasma cell transcription factor Blimp-1 gene by Bach2 and Bcl6. <i>International Immunology</i> , 2008, 20, 453-460.	1.8	98
43	The transcription repressors Bach2 and Bach1 promote B cell development by repressing the myeloid program. <i>Nature Immunology</i> , 2014, 15, 1171-1180.	7.0	97
44	Activity and Expression of Murine Small Maf Family Protein MafK. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 2007, 282, 34365-34371.	1.6	95
46	Transcription repressor Bach2 is required for pulmonary surfactant homeostasis and alveolar macrophage function. <i>Journal of Experimental Medicine</i> , 2013, 210, 2191-2204.	4.2	95
47	Bach1, a heme-dependent transcription factor, reveals presence of multiple heme binding sites with distinct coordination structure. <i>IUBMB Life</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Tohoku Journal of Experimental Medicine</i> , 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. <i>Journal of Biological Chemistry</i> , 2000, 275, 15370-15376.	1.6	91
51	BACH transcription factors in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 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. <i>Journal of Biological Chemistry</i> , 2017, 292, 7519-7530.	1.6	87
53	Bach1 inhibits oxidative stress-induced cellular senescence by impeding p53 function on chromatin. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1246-1254.	3.6	86
54	Identification of a subunit assembly domain in the alpha subunit of Escherichia coli RNA polymerase. <i>Journal of Molecular Biology</i> , 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. <i>Genes To Cells</i> , 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. <i>Blood</i> , 2011, 117, 5438-5448.	0.6	83
57	Functional specialization within the $\hat{\pm}$ -subunit of Escherichia coli RNA polymerase. <i>Journal of Molecular Biology</i> , 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. <i>Journal of Biological Chemistry</i> , 2002, 277, 20724-20733.	1.6	81
59	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Epidemiology</i> , 2021, 31, 65-76.	1.1	81
60	Genetic ablation of the transcription repressor Bach1 leads to myocardial protection against ischemia/reperfusion in mice. <i>Genes To Cells</i> , 2006, 11, 791-803.	0.5	80
61	Orchestration of plasma cell differentiation by Bach2 and its gene regulatory network. <i>Immunological Reviews</i> , 2014, 261, 116-125.	2.8	72
62	Promoter selectivity of Escherichia coli RNA polymerase: omega factor is responsible for the ppGpp sensitivity. <i>Nucleic Acids Research</i> , 1989, 17, 8755-8765.	6.5	71
63	Myocardial Protection Against Pressure Overload in Mice Lacking Bach1, a Transcriptional Repressor of Heme Oxygenase-1. <i>Hypertension</i> , 2008, 51, 1570-1577.	1.3	70
64	BACH1 Promotes Pancreatic Cancer Metastasis by Repressing Epithelial Genes and Enhancing Epithelial to Mesenchymal Transition. <i>Cancer Research</i> , 2020, 80, 1279-1292.	0.4	69
65	Heme-dependent up-regulation of the $\hat{\pm}$ -globin gene expression by transcriptional repressor Bach1 in erythroid cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 77-85.	1.0	68
66	Regulation of NF-E2 Activity in Erythroleukemia Cell Differentiation. <i>Journal of Biological Chemistry</i> , 1998, 273, 5358-5365.	1.6	67
67	BTB and CNC Homolog 1 (Bach1) Deficiency Ameliorates TNBS Colitis in Mice. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 740-753.	0.9	66
68	Sequence analysis of two temperature-sensitive mutations in the alpha subunit gene (rpoA) of Escherichia coli RNA polymerase. <i>Nucleic Acids Research</i> , 1990, 18, 5945-5948.	6.5	65
69	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. <i>Arthritis Research and Therapy</i> , 2015, 17, 285.	1.6	65
70	The Mediator Subunit MED16 Transduces NRF2-Activating Signals into Antioxidant Gene Expression. <i>Molecular and Cellular Biology</i> , 2016, 36, 407-420.	1.1	64
71	Conditional expression of the ubiquitous transcription factor MafK induces erythroleukemia cell differentiation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7445-7449.	3.3	61
72	Cloning and expression of human B cell-specific transcription factor BACH2 mapped to chromosome 6q15. <i>Oncogene</i> , 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. <i>Journal of Biological Chemistry</i> , 2016, 291, 6316-6330.	1.6	60
74	Stimulation of the phage λ pL promoter by integration host factor requires the carboxy terminus of the λ -subunit of RNA polymerase. <i>Journal of Molecular Biology</i> , 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. <i>Journal of Cell Science</i> , 2013, 126, 5284-92.	1.2	56
76	Methionine Adenosyltransferase II-dependent Histone H3K9 Methylation at the COX-2 Gene Locus. <i>Journal of Biological Chemistry</i> , 2013, 288, 13592-13601.	1.6	56
77	Mechanism governing heme synthesis reveals a GATA factor/heme circuit that controls differentiation. <i>EMBO Reports</i> , 2016, 17, 249-265.	2.0	55
78	Effects of genetic ablation of <i>Bach1</i> upon smooth muscle cell proliferation and atherosclerosis after cuff injury. <i>Genes To Cells</i> , 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. <i>Blood</i> , 2007, 109, 1211-1219.	0.6	53
80	Reconstitution of Human β -Globin Locus Control Region Hypersensitive Sites in the Absence of Chromatin Assembly. <i>Molecular and Cellular Biology</i> , 2001, 21, 2629-2640.	1.1	52
81	Architecture and Dynamics of the Transcription Factor Network that Regulates B-to-Plasma Cell Differentiation. <i>Journal of Biochemistry</i> , 2007, 141, 783-789.	0.9	52
82	Transforming Growth Factor- β Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. <i>Journal of Biological Chemistry</i> , 2013, 288, 20658-20667.	1.6	50
83	Lipid peroxidation and the subsequent cell death transmitting from ferroptotic cells to neighboring cells. <i>Cell Death and Disease</i> , 2021, 12, 332.	2.7	50
84	Repression of PML Nuclear Body-Associated Transcription by Oxidative Stress-Activated Bach2. <i>Molecular and Cellular Biology</i> , 2004, 24, 3473-3484.	1.1	47
85	Duodenal follicular lymphoma lacks AID but expresses BACH2 and has memory B-cell characteristics. <i>Modern Pathology</i> , 2013, 26, 22-31.	2.9	47
86	Ferroptosis: regulation by competition between NRF2 and BACH1 and propagation of the death signal. <i>FEBS Journal</i> , 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. <i>Molecular and Cellular Biology</i> , 2003, 23, 1163-1174.	1.1	46
88	Transcription Factor IRF8 Governs Enhancer Landscape Dynamics in Mononuclear Phagocyte Progenitors. <i>Cell Reports</i> , 2018, 22, 2628-2641.	2.9	46
89	Methyl-Metabolite Depletion Elicits Adaptive Responses to Support Heterochromatin Stability and Epigenetic Persistence. <i>Molecular Cell</i> , 2020, 78, 210-223.e8.	4.5	45
90	B-cell-specific transcription factor BACH2 modifies the cytotoxic effects of anticancer drugs. <i>Blood</i> , 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. <i>Hypertension Research</i> , 2008, 31, 783-792.	1.5	44
92	The transcription factor BACH1 at the crossroads of cancer biology: From epithelial to mesenchymal transition to ferroptosis. <i>Journal of Biological Chemistry</i> , 2021, 297, 101032.	1.6	44
93	OGlcNAcylation Signal Mediates Proteasome Inhibitor Resistance in Cancer Cells by Stabilizing NRF1. <i>Molecular and Cellular Biology</i> , 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. <i>Journal of Neurotrauma</i> , 2009, 26, 31-39.	1.7	42
95	A Bach2-Cebp Gene Regulatory Network for the Commitment of Multipotent Hematopoietic Progenitors. <i>Cell Reports</i> , 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. <i>Arthritis Research and Therapy</i> , 2018, 20, 64.	1.6	42
97	Transcription Factor BACH1 Is Recruited to the Nucleus by Its Novel Alternative Spliced Isoform. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Clinical Oncology</i> , 2005, 23, 8012-8017.	0.8	41
99	Mesodermal- vs. neuronal-specific expression of MafK is elicited by different promoters. <i>Genes To Cells</i> , 1996, 1, 223-238.	0.5	40
100	Transgenic expression of BACH1 transcription factor results in megakaryocytic impairment. <i>Blood</i> , 2005, 105, 3100-3108.	0.6	40
101	Bach1 gene ablation reduces steatohepatitis in mouse MCD diet model. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 48, 161-166.	0.6	36
102	Bach1 deficiency protects pancreatic β -cells from oxidative stress injury. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 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. <i>Journal of Biological Chemistry</i> , 2002, 277, 8566-8571.	1.6	34
104	Dynamic Cytoplasmic Anchoring of the Transcription Factor Bach1 by Intracellular Hyaluronic Acid Binding Protein IHABP. <i>Journal of Biochemistry</i> , 2005, 137, 287-296.	0.9	34
105	β -Carotene and Cigarette Smoke Condensate Regulate Heme Oxygenase-1 and Its Repressor Factor Bach1: Relationship with Cell Growth. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1069-1080.	2.5	33
106	TLR4 activation alters labile heme levels to regulate BACH1 and heme oxygenase-1 expression in macrophages. <i>Free Radical Biology and Medicine</i> , 2019, 137, 131-142.	1.3	33
107	Proline cis/trans-Isomerase Pin1 Regulates Peroxisome Proliferator-activated Receptor β 3 Activity through the Direct Binding to the Activation Function-1 Domain. <i>Journal of Biological Chemistry</i> , 2010, 285, 3126-3132.	1.6	32
108	N 1-methyladenosine (m1A) RNA modification: the key to ribosome control. <i>Journal of Biochemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 1996, 271, 28439-28444.	1.6	31
110	Heme binds to an intrinsically disordered region of Bach2 and alters its conformation. <i>Archives of Biochemistry and Biophysics</i> , 2015, 565, 25-31.	1.4	31
111	Bach2 Promotes B Cell Receptor-Induced Proliferation of B Lymphocytes and Represses Cyclin-Dependent Kinase Inhibitors. <i>Journal of Immunology</i> , 2018, 200, 2882-2893.	0.4	31
112	Zinc finger-IRF composite elements bound by Ikaros/IRF4 complexes function as gene repression in plasma cell. <i>Blood Advances</i> , 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. <i>FEBS Journal</i> , 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. <i>Journal of Biological Chemistry</i> , 2016, 291, 1826-1840.	1.6	29
115	Genetic ablation of the Bach1 gene reduces hyperoxic lung injury in mice: Role of IL-6. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1119-1126.	1.3	28
116	Reductions in the mitochondrial ABC transporter Abcb10 affect the transcriptional profile of heme biosynthesis genes. <i>Journal of Biological Chemistry</i> , 2017, 292, 16284-16299.	1.6	28
117	Infection perturbs Bach2- and Bach1-dependent erythroid lineage choice to cause anemia. <i>Nature Immunology</i> , 2018, 19, 1059-1070.	7.0	27
118	Collagenase H is Crucial for Isolation of Rat Pancreatic Islets. <i>Cell Transplantation</i> , 2014, 23, 1187-1198.	1.2	26
119	Genetic heterogeneity in 26 infants with a hypomyelinating leukodystrophy. <i>Human Genetics</i> , 2016, 135, 89-98.	1.8	26
120	The mTOR-Bach2 Cascade Controls Cell Cycle and Class Switch Recombination during B Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	26
121	Bach1 derepression is neuroprotective in a mouse model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
122	Expression of the Oxidative Stress-Regulated Transcription Factor Bach2 in Differentiating Neuronal Cells. <i>Journal of Biochemistry</i> , 2002, 132, 427-431.	0.9	25
123	Bach1 regulates osteoclastogenesis in a mouse model via both heme oxygenase 1-dependent and heme oxygenase 1-independent pathways. <i>Arthritis and Rheumatism</i> , 2012, 64, 1518-1528.	6.7	25
124	MiR-196a regulates heme oxygenase-1 by silencing Bach1 in the neonatal mouse lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L400-L411.	1.3	25
125	To be red or white: lineage commitment and maintenance of the hematopoietic system by the inner myeloid. <i>Haematologica</i> , 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. <i>Sub-Cellular Biochemistry</i> , 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 PPlase Domain through the Tug of War in the Dual-Histidine Motif. <i>Biochemistry</i> , 2014, 53, 5568-5578.	1.2	24
128	Bach1 Modulates Heme Oxygenase-1 Expression in the Neonatal Mouse Lung. <i>Pediatric Research</i> , 2009, 65, 145-149.	1.1	23
129	Suppression of indomethacin-induced apoptosis in the small intestine due to Bach1 deficiency. <i>Free Radical Research</i> , 2011, 45, 717-727.	1.5	23
130	Regulation of heme oxygenase-1 by transcription factor Bach1 in the mouse brain. <i>Neuroscience Letters</i> , 2008, 440, 160-165.	1.0	22
131	Genomewide approaches for <i>BACH</i> target genes in mouse embryonic fibroblasts showed <i>BACH</i> - <i>Pparg</i> pathway in adipogenesis. <i>Genes To Cells</i> , 2016, 21, 553-567.	0.5	22
132	Heme Oxygenase-1 Gene Enhancer Manifests Silencing Activity in a Chromatin Environment Prior to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 60-67.	2.5	21
133	Identification of Senescence-Associated Genes and Their Networks Under Oxidative Stress by the Analysis of Bach1. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2441-2451.	2.5	21
134	Iron-heme-Bach1 axis is involved in erythroblast adaptation to iron deficiency. <i>Haematologica</i> , 2017, 102, 454-465.	1.7	21
135	Oxidative stress reaction in the meniscus of Bach 1 deficient mice: Potential prevention of meniscal degeneration. <i>Journal of Orthopaedic Research</i> , 2008, 26, 894-898.	1.2	20
136	Bach1 Deficiency Ameliorates Hepatic Injury in a Mouse Model. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 217, 223-229.	0.5	20
137	Bach1-dependent and -independent Regulation of Heme Oxygenase-1 in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 23581-23589.	1.6	20
138	<i>Bach1</i> Deficiency and Accompanying Overexpression of Heme Oxygenase-1 Do Not Influence Aging or Tumorigenesis in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-12.	1.9	20
139	Synergistic Effect of Neutral Protease and Clostripain on Rat Pancreatic Islet Isolation. <i>Transplantation</i> , 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. <i>Journal of Biochemistry</i> , 2016, 160, 333-344.	0.9	20
141	SUMO modification system facilitates the exchange of histone variant H2A.Z-2 at DNA damage sites. <i>Nucleus</i> , 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. <i>Pediatric Research</i> , 2017, 81, 926-931.	1.1	19
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