

Kazuhiko Igarashi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

15,800
citations

59
h-index

123
g-index

202
ext. papers

17,770
ext. citations

7.7
avg, IF

5.96
L-index

#	Paper	IF	Citations
192	Ferroptosis: Regulation by competition between NRF2 and BACH1 and propagation of the death signal.. <i>FEBS Journal</i> , 2022 ,	5.7	5
191	Genetic BACH1 deficiency alters mitochondrial function and increases NLRP3 inflammasome activation in mouse macrophages.. <i>Redox Biology</i> , 2022 , 51, 102265	11.3	0
190	IRF2BP2 is a novel HNF4 α -repressor: Its role in gluconeogenic gene regulation via biochemically labile interaction. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 615, 81-87	3.4	
189	mTORC1-independent translation control in mammalian cells by methionine adenosyltransferase 2A and S-adenosylmethionine. <i>Journal of Biological Chemistry</i> , 2022 , 102084	5.4	0
188	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,	11.5	6
187	Bach1 plays an important role in angiogenesis through regulation of oxidative stress. <i>Microvascular Research</i> , 2021 , 134, 104126	3.7	7
186	Lipid peroxidation and the subsequent cell death transmitting from ferroptotic cells to neighboring cells. <i>Cell Death and Disease</i> , 2021 , 12, 332	9.8	10
185	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Epidemiology</i> , 2021 , 31, 65-76	3.4	24
184	Protocol for BCR-mediated plasma cell differentiation and purification of chromatin-associated proteins. <i>STAR Protocols</i> , 2021 , 2, 100633	1.4	1
183	Identification and Functional Characterization of a Novel Androgen Receptor Coregulator, EAP1. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab150	0.4	0
182	The transcription factor BACH1 at the crossroads of cancer biology: From epithelial-mesenchymal transition to ferroptosis. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101032	5.4	6
181	N 1-methyladenosine (m1A) RNA modification: the key to ribosome control. <i>Journal of Biochemistry</i> , 2020 , 167, 535-539	3.1	12
180	BACH1 Promotes Pancreatic Cancer Metastasis by Repressing Epithelial Genes and Enhancing Epithelial-Mesenchymal Transition. <i>Cancer Research</i> , 2020 , 80, 1279-1292	10.1	28
179	Methyl-Metabolite Depletion Elicits Adaptive Responses to Support Heterochromatin Stability and Epigenetic Persistence. <i>Molecular Cell</i> , 2020 , 78, 210-223.e8	17.6	23
178	Chromatin Protein PC4 Orchestrates B Cell Differentiation by Collaborating with IKAROS and IRF4. <i>Cell Reports</i> , 2020 , 33, 108517	10.6	6
177	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	5.4	56
176	Bach1 promotes muscle regeneration through repressing Smad-mediated inhibition of myoblast differentiation. <i>PLoS ONE</i> , 2020 , 15, e0236781	3.7	1

175	Increased expression of heme oxygenase-1 suppresses airway branching morphogenesis in fetal mouse lungs exposed to inflammation. <i>Pediatric Research</i> , 2020 , 87, 494-500	3.2	0
174	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM BirThree Cohort Study): rationale, progress and perspective. <i>International Journal of Epidemiology</i> , 2020 , 49, 18-19m	7.8	43
173	Strategy towards tailored donor tissue-specific pancreatic islet isolation. <i>PLoS ONE</i> , 2019 , 14, e0216136	3.7	3
172	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	7.8	20
171	Functional Heme Binding to the Intrinsically Disordered C-Terminal Region of Bach1, a Transcriptional Repressor. <i>Tohoku Journal of Experimental Medicine</i> , 2019 , 247, 153-159	2.4	3
170	Biophysical characterization of heme binding to the intrinsically disordered region of Bach1. <i>European Biophysics Journal</i> , 2019 , 48, 361-369	1.9	2
169	To be red or white: lineage commitment and maintenance of the hematopoietic system by the "inner myeloid". <i>Haematologica</i> , 2019 , 104, 1919-1927	6.6	14
168	Lactate dehydrogenase C is required for the protein expression of a sperm-specific isoform of lactate dehydrogenase A. <i>Journal of Biochemistry</i> , 2019 , 165, 323-334	3.1	6
167	Phosphorylation of BACH1 switches its function from transcription factor to mitotic chromosome regulator and promotes its interaction with HMMR. <i>Biochemical Journal</i> , 2018 , 475, 981-1002	3.8	11
166	Transcription Factor IRF8 Governs Enhancer Landscape Dynamics in Mononuclear Phagocyte Progenitors. <i>Cell Reports</i> , 2018 , 22, 2628-2641	10.6	26
165	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	5.3	15
164	Endogenous Purification of NR4A2 (Nurr1) Identified Poly(ADP-Ribose) Polymerase 1 as a Prime Coregulator in Human Adrenocortical H295R Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
163	Dysregulated heme oxygenase-1 M2-like macrophages augment lupus nephritis via Bach1 induced by type I interferons. <i>Arthritis Research and Therapy</i> , 2018 , 20, 64	5.7	20
162	SUMO modification system facilitates the exchange of histone variant H2A.Z-2 at DNA damage sites. <i>Nucleus</i> , 2018 , 9, 87-94	3.9	15
161	Infection perturbs Bach2- and Bach1-dependent erythroid lineage 'choice' to cause anemia. <i>Nature Immunology</i> , 2018 , 19, 1059-1070	19.1	15
160	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	7.8	19
159	-GlcNAcylation Signal Mediates Proteasome Inhibitor Resistance in Cancer Cells by Stabilizing NRF1. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	27
158	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	3.2	14

157	A Bach2-Cebp Gene Regulatory Network for the Commitment of Multipotent Hematopoietic Progenitors. <i>Cell Reports</i> , 2017 , 18, 2401-2414	10.6	32
156	BACH transcription factors in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2017 , 17, 437-450	5.5	60
155	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	5.4	46
154	Regulatory signatures of liver regeneration distilled by integrative analysis of mRNA, histone methylation, and proteomics. <i>Journal of Biological Chemistry</i> , 2017 , 292, 8019-8037	5.4	12
153	Iron-heme-Bach1 axis is involved in erythroblast adaptation to iron deficiency. <i>Haematologica</i> , 2017 , 102, 454-465	6.6	15
152	The mTOR-Bach2 Cascade Controls Cell Cycle and Class Switch Recombination during B Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	18
151	Increase in proapoptotic activity of inhibitory PAS domain protein via phosphorylation by MK2. <i>FEBS Journal</i> , 2017 , 284, 4115-4127	5.7	5
150	Inflammatory responses induce an identity crisis of alveolar macrophages, leading to pulmonary alveolar proteinosis. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18098-18112	5.4	10
149	Frequent downregulation of BTB and CNC homology 2 expression in Epstein-Barr virus-positive diffuse large B-cell lymphoma. <i>Cancer Science</i> , 2017 , 108, 1071-1079	6.9	4
148	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	5.4	13
147	S-Adenosylmethionine Synthesis Is Regulated by Selective N-Adenosine Methylation and mRNA Degradation Involving METTL16 and YTHDC1. <i>Cell Reports</i> , 2017 , 21, 3354-3363	10.6	151
146	Actin Family Proteins in the Human INO80 Chromatin Remodeling Complex Exhibit Functional Roles in the Induction of Heme Oxygenase-1 with Hemin. <i>Frontiers in Genetics</i> , 2017 , 8, 17	4.5	4
145	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, L400-11	5.8	18
144	The Tohoku Medical Megabank Project: Design and Mission. <i>Journal of Epidemiology</i> , 2016 , 26, 493-511	3.4	141
143	Charge-state-distribution analysis of Bach2 intrinsically disordered heme binding region. <i>Journal of Biochemistry</i> , 2016 , 160, 291-298	3.1	9
142	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, 6316-30	5.4	48
141	Genetic heterogeneity in 26 infants with a hypomyelinating leukodystrophy. <i>Human Genetics</i> , 2016 , 135, 89-98	6.3	22
140	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	5.4	25

139	Orchestration of B lymphoid cells and their inner myeloid by Bach. <i>Current Opinion in Immunology</i> , 2016 , 39, 136-42	7.8	15
138	High Fractional Occupancy of a Tandem Maf Recognition Element and Its Role in Long-Range EGlobin Gene Regulation. <i>Molecular and Cellular Biology</i> , 2016 , 36, 238-50	4.8	7
137	The Mediator Subunit MED16 Transduces NRF2-Activating Signals into Antioxidant Gene Expression. <i>Molecular and Cellular Biology</i> , 2016 , 36, 407-20	4.8	35
136	Collagen V Is a Potential Substrate for Clostridial Collagenase G in Pancreatic Islet Isolation. <i>Journal of Diabetes Research</i> , 2016 , 2016, 4396756	3.9	9
135	Genetic complementation analysis showed distinct contributions of the N-terminal tail of H2A.Z to epigenetic regulations. <i>Genes To Cells</i> , 2016 , 21, 122-35	2.3	12
134	Genomewide approaches for BACH1 target genes in mouse embryonic fibroblasts showed BACH1-Pparg pathway in adipogenesis. <i>Genes To Cells</i> , 2016 , 21, 553-67	2.3	10
133	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	3.1	15
132	Mechanism governing heme synthesis reveals a GATA factor/heme circuit that controls differentiation. <i>EMBO Reports</i> , 2016 , 17, 249-65	6.5	40
131	Multifunctional human transcriptional coactivator protein PC4 is a substrate of Aurora kinases and activates the Aurora enzymes. <i>FEBS Journal</i> , 2016 , 283, 968-85	5.7	9
130	BACH2 regulates CD8(+) T cell differentiation by controlling access of AP-1 factors to enhancers. <i>Nature Immunology</i> , 2016 , 17, 851-860	19.1	136
129	Mitochondrial function provides instructive signals for activation-induced B-cell fates. <i>Nature Communications</i> , 2015 , 6, 6750	17.4	87
128	Heme binds to an intrinsically disordered region of Bach2 and alters its conformation. <i>Archives of Biochemistry and Biophysics</i> , 2015 , 565, 25-31	4.1	23
127	The artificial loss of Runx1 reduces the expression of quiescence-associated transcription factors in CD4(+) T lymphocytes. <i>Molecular Immunology</i> , 2015 , 68, 223-33	4.3	3
126	Synergistic Effect of Neutral Protease and Clostripain on Rat Pancreatic Islet Isolation. <i>Transplantation</i> , 2015 , 99, 1349-55	1.8	14
125	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. <i>Arthritis Research and Therapy</i> , 2015 , 17, 285	5.7	44
124	Heme-mediated SPI-C induction promotes monocyte differentiation into iron-recycling macrophages. <i>Cell</i> , 2014 , 156, 1223-1234	56.2	258
123	The transcription repressors Bach2 and Bach1 promote B cell development by repressing the myeloid program. <i>Nature Immunology</i> , 2014 , 15, 1171-80	19.1	74
122	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. <i>Biochemistry</i> , 2014 , 53, 5568-78	3.2	19

121	Validation of multiple single nucleotide variation calls by additional exome analysis with a semiconductor sequencer to supplement data of whole-genome sequencing of a human population. <i>BMC Genomics</i> , 2014 , 15, 673	4.5	10
120	Orchestration of plasma cell differentiation by Bach2 and its gene regulatory network. <i>Immunological Reviews</i> , 2014 , 261, 116-25	11.3	53
119	Association between BACH2 expression and clinical prognosis in diffuse large B-cell lymphoma. <i>Cancer Science</i> , 2014 , 105, 437-44	6.9	14
118	Hemopexin-dependent heme uptake via endocytosis regulates the Bach1 transcription repressor and heme oxygenase gene activation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2351-60	4.0	15
117	Collagenase H is crucial for isolation of rat pancreatic islets. <i>Cell Transplantation</i> , 2014 , 23, 1187-98	4	20
116	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, 229-53	2.4	77
115	Bach1 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, 757901	6.7	17
114	Solution structure of clostridial collagenase H and its calcium-dependent global conformation change. <i>Biophysical Journal</i> , 2013 , 104, 1538-45	2.9	14
113	BACH2 mediates negative selection and p53-dependent tumor suppression at the pre-B cell receptor checkpoint. <i>Nature Medicine</i> , 2013 , 19, 1014-22	50.5	82
112	Activation of the SUMO modification system is required for the accumulation of RAD51 at sites of DNA damage. <i>Journal of Cell Science</i> , 2013 , 126, 5284-92	5.3	46
111	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, 20658-67	5.4	40
110	BACH2 represses effector programs to stabilize T(reg)-mediated immune homeostasis. <i>Nature</i> , 2013 , 498, 506-10	50.4	264
109	Duodenal follicular lymphoma lacks AID but expresses BACH2 and has memory B-cell characteristics. <i>Modern Pathology</i> , 2013 , 26, 22-31	9.8	44
108	Bach1 deficiency protects pancreatic β cells from oxidative stress injury. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E641-8	6	27
107	Over-expression of BACH2 is related to ongoing somatic hypermutation of the immunoglobulin heavy chain gene variable region of de novo diffuse large B-cell lymphoma. <i>Pathology International</i> , 2013 , 63, 339-44	1.8	1
106	Methionine adenosyltransferase II-dependent histone H3K9 methylation at the COX-2 gene locus. <i>Journal of Biological Chemistry</i> , 2013 , 288, 13592-601	5.4	44
105	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, 10735-40	11.5	88
104	Transcription repressor Bach2 is required for pulmonary surfactant homeostasis and alveolar macrophage function. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2191-204	16.6	78

103	BTB and CNC homolog 1 (Bach1) deficiency ameliorates TNBS colitis in mice: role of M2 macrophages and heme oxygenase-1. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 740-53	4.5	49
102	Metabolic aspects of epigenome: coupling of S-adenosylmethionine synthesis and gene regulation on chromatin by SAMIT module. <i>Sub-Cellular Biochemistry</i> , 2013 , 61, 105-18	5.5	24
101	Bach1-mediated suppression of p53 is inhibited by p19(ARF) independently of MDM2. <i>Cancer Science</i> , 2012 , 103, 897-903	6.9	8
100	Corrigendum to "Transcription-independent role of Bach1 in mitosis through a nuclear exporter Crm1-dependent mechanism" [FEBS Letters 586 (2012) 448-54]. <i>FEBS Letters</i> , 2012 , 586, 3537-3537	3.8	
99	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, 1518-28		23
98	Transcription-independent role of Bach1 in mitosis through a nuclear exporter Crm1-dependent mechanism. <i>FEBS Letters</i> , 2012 , 586, 448-54	3.8	12
97	Bach1 as a regulator of mitosis, beyond its transcriptional function. <i>Communicative and Integrative Biology</i> , 2012 , 5, 477-9	1.7	6
96	Methionine adenosyltransferase II serves as a transcriptional corepressor of Maf oncoprotein. <i>Molecular Cell</i> , 2011 , 41, 554-66	17.6	125
95	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, 5438-48	2.2	64
94	Bach1 gene ablation reduces steatohepatitis in mouse MCD diet model. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2011 , 48, 161-6	3.1	29
93	Suppression of indomethacin-induced apoptosis in the small intestine due to Bach1 deficiency. <i>Free Radical Research</i> , 2011 , 45, 717-27	4	20
92	Identification of senescence-associated genes and their networks under oxidative stress by the analysis of Bach1. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 2441-51	8.4	20
91	Bach2 represses plasma cell gene regulatory network in B cells to promote antibody class switch. <i>EMBO Journal</i> , 2010 , 29, 4048-61	13	145
90	Proline cis/trans-isomerase Pin1 regulates peroxisome proliferator-activated receptor gamma activity through the direct binding to the activation function-1 domain. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3126-32	5.4	27
89	Bach1-dependent and -independent regulation of heme oxygenase-1 in keratinocytes. <i>Journal of Biological Chemistry</i> , 2010 , 285, 23581-9	5.4	19
88	3P108 Spectroscopic analyses of heme-acceptor region of Bach2 protein(Heme proteins,The 48th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2010 , 50, S163	0	
87	Bach1 modulates heme oxygenase-1 expression in the neonatal mouse lung. <i>Pediatric Research</i> , 2009 , 65, 145-9	3.2	17
86	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, 31-9	5.4	39

85	Characterization of the cancer chemopreventive NRF2-dependent gene battery in human keratinocytes: demonstration that the KEAP1-NRF2 pathway, and not the BACH1-NRF2 pathway, controls cytoprotection against electrophiles as well as redox-cycling compounds. <i>Carcinogenesis</i> , 2009 , 30, 1571-80	4.6	240
84	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, 1119-26	7.8	25
83	Crystal structure of the Bach1 BTB domain and its regulation of homodimerization. <i>Genes To Cells</i> , 2009 , 14, 167-78	2.3	16
82	Bach1 deficiency ameliorates hepatic injury in a mouse model. <i>Tohoku Journal of Experimental Medicine</i> , 2009 , 217, 223-9	2.4	17
81	Bach1 inhibits oxidative stress-induced cellular senescence by impeding p53 function on chromatin. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1246-54	17.6	70
80	The mobility of Bach2 nuclear foci is regulated by SUMO-1 modification. <i>Experimental Cell Research</i> , 2008 , 314, 903-13	4.2	4
79	Regulation of heme oxygenase-1 by transcription factor Bach1 in the mouse brain. <i>Neuroscience Letters</i> , 2008 , 440, 160-5	3.3	18
78	Regulation of the plasma cell transcription factor Blimp-1 gene by Bach2 and Bcl6. <i>International Immunology</i> , 2008 , 20, 453-60	4.9	82
77	Myocardial protection against pressure overload in mice lacking Bach1, a transcriptional repressor of heme oxygenase-1. <i>Hypertension</i> , 2008 , 51, 1570-7	8.5	61
76	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, 783-92	4.7	35
75	Oxidative stress reaction in the meniscus of Bach 1 deficient mice: potential prevention of meniscal degeneration. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 894-8	3.8	19
74	Nuclear positioning of the BACH2 gene in BCR-ABL positive leukemic cells. <i>Genes Chromosomes and Cancer</i> , 2007 , 46, 67-74	5	10
73	Bach1, a heme-dependent transcription factor, reveals presence of multiple heme binding sites with distinct coordination structure. <i>IUBMB Life</i> , 2007 , 59, 542-51	4.7	70
72	DNA damage-dependent acetylation and ubiquitination of H2AX enhances chromatin dynamics. <i>Molecular and Cellular Biology</i> , 2007 , 27, 7028-40	4.8	292
71	Architecture and dynamics of the transcription factor network that regulates B-to-plasma cell differentiation. <i>Journal of Biochemistry</i> , 2007 , 141, 783-9	3.1	47
70	Bach1 repression of ferritin and thioredoxin reductase1 is heme-sensitive in cells and in vitro and coordinates expression with heme oxygenase1, beta-globin, and NADP(H) quinone (oxido) reductase1. <i>Journal of Biological Chemistry</i> , 2007 , 282, 34365-71	5.4	86
69	Heme induces ubiquitination and degradation of the transcription factor Bach1. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6962-71	4.8	195
68	Co-repressor SMRT and class II histone deacetylases promote Bach2 nuclear retention and formation of nuclear foci that are responsible for local transcriptional repression. <i>Journal of Biochemistry</i> , 2007 , 141, 719-27	3.1	13

67	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, 1211-9	2.2	47
66	beta-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, 1069-80	8.4	29
65	Plasmacytic transcription factor Blimp-1 is repressed by Bach2 in B cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 38226-34	5.4	119
64	Heme oxygenase-1 gene enhancer manifests silencing activity in a chromatin environment prior to oxidative stress. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 60-7	8.4	19
63	The heme-Bach1 pathway in the regulation of oxidative stress response and erythroid differentiation. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 107-18	8.4	193
62	Differential gene expression profiling between wild-type and ALAS2-null erythroblasts: identification of novel heme-regulated genes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 105-10	3.4	10
61	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, 5333-46	5.7	24
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	2.3	73
59	Transgenic expression of BACH1 transcription factor results in megakaryocytic impairment. <i>Blood</i> , 2005 , 105, 3100-8	2.2	35
58	Effects of genetic ablation of bach1 upon smooth muscle cell proliferation and atherosclerosis after cuff injury. <i>Genes To Cells</i> , 2005 , 10, 277-85	2.3	42
57	The superoxide-producing NAD(P)H oxidase Nox4 in the nucleus of human vascular endothelial cells. <i>Genes To Cells</i> , 2005 , 10, 1139-51	2.3	219
56	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, 8012-7	2.2	37
55	Dynamic cytoplasmic anchoring of the transcription factor Bach1 by intracellular hyaluronic acid binding protein IHABP. <i>Journal of Biochemistry</i> , 2005 , 137, 287-96	3.1	31
54	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, 924-33	8.4	82
53	Heme positively regulates the expression of beta-globin at the locus control region via the transcriptional factor Bach1 in erythroid cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 5480-7	5.4	93
52	Repression of PML nuclear body-associated transcription by oxidative stress-activated Bach2. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3473-84	4.8	47
51	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, 1461-6	11.5	282
50	Heme regulates gene expression by triggering Crm1-dependent nuclear export of Bach1. <i>EMBO Journal</i> , 2004 , 23, 2544-53	13	160

49	Dynamic changes in transcription factor complexes during erythroid differentiation revealed by quantitative proteomics. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 73-80	17.6	188
48	The transcriptional programme of antibody class switching involves the repressor Bach2. <i>Nature</i> , 2004 , 429, 566-71	50.4	215
47	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, 7130-9	4.8	1561
46	Heme-dependent up-regulation of the alpha-globin gene expression by transcriptional repressor Bach1 in erythroid cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 77-85	3.4	61
45	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	8.4	16
44	Bach1 functions as a hypoxia-inducible repressor for the heme oxygenase-1 gene in human cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9125-33	5.4	214
43	B-cell-specific transcription factor BACH2 modifies the cytotoxic effects of anticancer drugs. <i>Blood</i> , 2003 , 102, 3317-22	2.2	38
42	Cadmium induces nuclear export of Bach1, a transcriptional repressor of heme oxygenase-1 gene. <i>Journal of Biological Chemistry</i> , 2003 , 278, 49246-53	5.4	125
41	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, 1163-74	4.8	43
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