

A natural classification of the basic helix-loop-helix class

Proceedings of the National Academy of Sciences of the United States of America
94, 5172-5176

DOI: [10.1073/pnas.94.10.5172](https://doi.org/10.1073/pnas.94.10.5172)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular evolution of two vertebrate aryl hydrocarbon (dioxin) receptors (AHR1 and AHR2) and the PAS family. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13743-13748.	3.3	263
2	Complete physical map of the common deletion region in Williams syndrome and identification and characterization of three novel genes. Human Genetics, 1998, 103, 590-599.	1.8	110
3	The aryl hydrocarbon receptor: A comparative perspective. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 121, 23-53.	0.5	238
4	PIF3, a Phytochrome-Interacting Factor Necessary for Normal Photoinduced Signal Transduction, Is a Novel Basic Helix-Loop-Helix Protein. Cell, 1998, 95, 657-667.	13.5	684
5	Phylogenomics: Improving Functional Predictions for Uncharacterized Genes by Evolutionary Analysis. Genome Research, 1998, 8, 163-167.	2.4	571
6	Genomic position analyses and the transcription machinery 1 Edited by M. Yahiv. Journal of Molecular Biology, 1998, 275, 165-170.	2.0	34
7	Identification of a Highly Conserved Module in E Proteins Required for in Vivo Helix-loop-helix Dimerization. Journal of Biological Chemistry, 1998, 273, 2866-2873.	1.6	19
8	E-box-binding Repressor Is Down-regulated in Hepatic Stellate Cells during Up-regulation of Mannose 6-Phosphate/Insulin-like Growth Factor-II Receptor Expression in Early Hepatic Fibrogenesis. Journal of Biological Chemistry, 1998, 273, 15913-15919.	1.6	30
9	Cloning of TCFL5 encoding a novel human basic helix-loop-helix motif protein that is specifically expressed in primary spermatocytes at the pachytene stage. Cytogenetic and Genome Research, 1998, 82, 41-45.	0.6	27
10	DIALIGN: finding local similarities by multiple sequence alignment. Bioinformatics, 1998, 14, 290-294.	1.8	322
11	A CLOCK Polymorphism Associated with Human Diurnal Preference. Sleep, 1998, 21, 569-576.	0.6	540
12	Hypoxia and CYP1A1 induction-dependent regulation of proteins involved in glucose utilization in Caco-2 cells. American Journal of Physiology - Renal Physiology, 1998, 274, G1101-G1108.	1.6	10
13	Mlx, a Novel Max-like BHLHZip Protein That Interacts with the Max Network of Transcription Factors. Journal of Biological Chemistry, 1999, 274, 36344-36350.	1.6	89
14	Differential Expression and Nuclear Localization of Response Regulator-Like Proteins from <i>Arabidopsis thaliana</i> . Plant Biology, 1999, 1, 495-505.	1.8	57
15	The basic region/helix-loop-helix/leucine zipper domain of Myc proto-oncoproteins: Function and regulation. Oncogene, 1999, 18, 2955-2966.	2.6	179
16	Positional Dependence, Cliques, and Predictive Motifs in the bHLH Protein Domain. Journal of Molecular Evolution, 1999, 48, 501-516.	0.8	262
17	RADHA - a new male germ line-specific chromosomal protein of Drosophila. Chromosoma, 1999, 108, 235-242.	1.0	7
18	Characterization of the DNA Binding Properties of the bHLH Domain of Deadpan to Single and Tandem Sites. Biochemistry, 1999, 38, 5138-5146.	1.2	29

#	ARTICLE	IF	CITATIONS
19	Dimerization of the Docking/Adaptor Protein HEF1 via a Carboxy-Terminal Helix-Loop-Helix Domain. <i>Experimental Cell Research</i> , 1999, 252, 224-235.	1.2	47
20	Cloning and Characterization of the Murine Genes for bHLH-ZIP Transcription Factors TFEC and TFEB Reveal a Common Gene Organization for All MiT Subfamily Members. <i>Genomics</i> , 1999, 56, 111-120.	1.3	90
21	Molecular Cloning and Characterization of the HumanCLOCKGene: Expression in the Suprachiasmatic Nuclei. <i>Genomics</i> , 1999, 57, 189-200.	1.3	115
22	Evolution of bHLH transcription factors: modular evolution by domain shuffling?. <i>Molecular Biology and Evolution</i> , 1999, 16, 1654-1663.	3.5	97
23	The HAND1 Basic Helix-Loop-Helix Transcription Factor Regulates Trophoblast Differentiation via Multiple Mechanisms. <i>Molecular and Cellular Biology</i> , 2000, 20, 530-541.	1.1	206
24	Platelet-derived growth factor is a principal inductive factor modulating mannose 6-phosphate/insulin-like growth factor-II receptor gene expression via a distal E-box in activated hepatic stellate cells. <i>Biochemical Journal</i> , 2000, 345, 225.	1.7	3
25	Platelet-derived growth factor is a principal inductive factor modulating mannose 6-phosphate/insulin-like growth factor-II receptor gene expression via a distal E-box in activated hepatic stellate cells. <i>Biochemical Journal</i> , 2000, 345, 225-231.	1.7	12
26	MITF: A Stream Flowing for Pigment Cells. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 230-240.	4.0	234
27	Rapid identification of key amino-acidâ€œDNA contacts through combinatorial peptide synthesis. <i>Chemistry and Biology</i> , 2000, 7, 245-251.	6.2	28
28	An indirect role for upstream stimulatory factor in glucose-mediated induction of pyruvate kinase and S14 gene expression. <i>Molecular and Cellular Biochemistry</i> , 2000, 210, 13-21.	1.4	9
29	GENEFAMILYEVOLUTION ANDHOMOLOGY: Genomics Meets Phylogenetics. <i>Annual Review of Genomics and Human Genetics</i> , 2000, 1, 41-73.	2.5	193
30	A genomewide survey of basic helix-loop-helix factors in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 10436-10441.	3.3	163
31	Separation of phylogenetic and functional associations in biological sequences by using the parametric bootstrap. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3288-3291.	3.3	104
32	Correlations Among Amino Acid Sites in bHLH Protein Domains: An Information Theoretic Analysis. <i>Molecular Biology and Evolution</i> , 2000, 17, 164-178.	3.5	237
33	MondoA, a Novel Basic Helix-Loop-Helixâ€œLeucine Zipper Transcriptional Activator That Constitutes a Positive Branch of a Max-Like Network. <i>Molecular and Cellular Biology</i> , 2000, 20, 8845-8854.	1.1	118
34	Developmental Regulatory Genes and Echinoderm Evolution. <i>Systematic Biology</i> , 2000, 49, 28-51.	2.7	54
35	Repressed Expression of the Human Xanthine Oxidoreductase Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 5918-5926.	1.6	51
36	The Mesoderm Specification Factor Twist in the Life Cycle of Jellyfish. <i>Developmental Biology</i> , 2000, 228, 363-375.	0.9	102

#	ARTICLE	IF	CITATIONS
37	Expression of mouse HES-6, a new member of the Hairy/Enhancer of split family of bHLH transcription factors. <i>Mechanisms of Development</i> , 2000, 98, 133-137.	1.7	25
38	Direct Targeting of Light Signals to a Promoter Element-Bound Transcription Factor. <i>Science</i> , 2000, 288, 859-863.	6.0	629
39	Helix-Loop-Helix Proteins: Regulators of Transcription in Eucaryotic Organisms. <i>Molecular and Cellular Biology</i> , 2000, 20, 429-440.	1.1	1,573
40	Duplicate mitf Genes in Zebrafish: Complementary Expression and Conservation of Melanogenic Potential. <i>Developmental Biology</i> , 2001, 237, 333-344.	0.9	173
41	Spz1, a novel bHLH-Zip protein, is specifically expressed in testis. <i>Mechanisms of Development</i> , 2001, 100, 177-187.	1.7	37
42	New members of the Drosophila Myc transcription factor subfamily revealed by a genome-wide examination for basic helix-loop-helix genes. <i>Mechanisms of Development</i> , 2001, 104, 99-104.	1.7	57
43	TFEC Can Function as a Transcriptional Activator of the Nonmuscle Myosin II Heavy Chain-A Gene in Transfected Cells. <i>Biochemistry</i> , 2001, 40, 8887-8897.	1.2	19
44	Upstream stimulating factor-1 (USF1) and USF2 bind to and activate the promoter of the adenomatous polyposis coli (APC) tumor suppressor gene. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 262-277.	1.2	52
45	Analysis of sequence signature defining functional specificity and structural stability in helix-loop-helix proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2001, 42, 471-480.	1.5	17
46	Mitochondrial gene content, arrangement and composition compared in African and Asian schistosomes. <i>Molecular and Biochemical Parasitology</i> , 2001, 117, 61-71.	0.5	65
47	Upstream Stimulatory Factors Regulate Aortic Preferentially Expressed Gene-1 Expression in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 47658-47663.	1.6	32
48	Interpretation of X Chromosome Dose at Sex-lethal Requires Non-E-Box Sites for the Basic Helix-Loop-Helix Proteins SISB and Daughterless. <i>Molecular and Cellular Biology</i> , 2001, 21, 1581-1592.	1.1	37
49	Involvement of ITF2 in the Transcriptional Regulation of Melanogenic Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 28147-28154.	1.6	43
50	The Basic Helix-Loop-Helix Protein Family: Comparative Genomics and Phylogenetic Analysis. <i>Genome Research</i> , 2001, 11, 754-770.	2.4	377
51	CR2/CD21 Proximal Promoter Activity Is Critically Dependent on a Cell Type-Specific Repressor. <i>Journal of Immunology</i> , 2001, 167, 6912-6919.	0.4	24
52	Cloning of Human Acetyl-CoA Carboxylase β^2 Promoter and Its Regulation by Muscle Regulatory Factors. <i>Journal of Biological Chemistry</i> , 2001, 276, 2576-2585.	1.6	21
53	Characterization of a Basic Helix-Loop-Helix Protein, ABF-1: Nuclear Localization, Transcriptional Properties, and Interaction with Id-2. <i>DNA and Cell Biology</i> , 2001, 20, 465-471.	0.9	8
54	The tomato fer gene encoding a bHLH protein controls iron-uptake responses in roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13938-13943.	3.3	353

#	ARTICLE	IF	CITATIONS
55	Upstream Stimulatory Factors Binding to an E Box Motif in the R Region of the Bovine Leukemia Virus Long Terminal Repeat Stimulates Viral Gene Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 8775-8789.	1.6	35
56	Evidence That E-Box Promoter Elements and MyoD Transcription Factors Play a Role in the Induction of Cathepsin B Gene Expression during Human Myoblast Differentiation. <i>Biological Chemistry</i> , 2002, 383, 1833-44.	1.2	8
57	The Basic Helix-Loop-Helix Factor, HAND2, Functions as a Transcriptional Activator by Binding to E-boxes as a Heterodimer. <i>Journal of Biological Chemistry</i> , 2002, 277, 12604-12612.	1.6	64
58	Id Proteins - Tumor Markers or Oncogenes?. <i>Cancer Biology and Therapy</i> , 2002, 1, 91-96.	1.5	48
59	Exploration of Novel Motifs Derived from Mouse cDNA Sequences. <i>Genome Research</i> , 2002, 12, 367-378.	2.4	21
60	Melanocyte-specific Microphthalmia-associated Transcription Factor Isoform Activates Its Own Gene Promoter through Physical Interaction with Lymphoid-enhancing Factor 1. <i>Journal of Biological Chemistry</i> , 2002, 277, 28787-28794.	1.6	88
61	BHLHB4 Is a bHLH Transcriptional Regulator in Pancreas and Brain That Marks the Dimesencephalic Boundary. <i>Genomics</i> , 2002, 79, 402-412.	1.3	40
62	Phylogenetic analysis of the human basic helix-loop-helix proteins. <i>Genome Biology</i> , 2002, 3, research0030.1.	13.9	172
63	YIALK1 encoding the cytochrome P450ALK1 in <i>Yarrowia lipolytica</i> is transcriptionally induced by n-alkane through two distinct cis-elements on its promoter. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 1071-1078.	1.0	42
64	Novel Basic-region Helix-Loop-Helix Transcription Factor (AnBH1) of <i>Aspergillus nidulans</i> Counteracts the CCAAT-binding Complex AnCF in the Promoter of a Penicillin Biosynthesis Gene. <i>Journal of Molecular Biology</i> , 2002, 323, 425-439.	2.0	42
65	Exhaustive identification of human class II basic helix-loop-helix proteins by virtual library screening. <i>Mechanisms of Development</i> , 2002, 119, S285-S291.	1.7	7
66	ITF-2, a downstream target of the Wnt/TCF pathway, is activated in human cancers with β -catenin defects and promotes neoplastic transformation. <i>Cancer Cell</i> , 2002, 1, 145-155.	7.7	148
67	Site-directed mutagenesis studies of the hypoxia-inducible factor-1 DNA-binding domain. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1578, 73-83.	2.4	32
68	DNA binding and protein interactions of the AHR/ARNT heterodimer that facilitate gene activation. <i>Chemico-Biological Interactions</i> , 2002, 141, 63-76.	1.7	136
70	Nulp1, a novel basic helix-loop-helix protein expressed broadly during early embryonic organogenesis and prominently in developing dorsal root ganglia. <i>Cell and Tissue Research</i> , 2002, 308, 361-370.	1.5	13
71	Microphthalmia-associated transcription factor interacts with LEF-1, a mediator of Wnt signaling. <i>EMBO Journal</i> , 2002, 21, 2703-2714.	3.5	196
72	Transcriptional regulation of metastasis-related genes in human melanoma. <i>Clinical and Experimental Metastasis</i> , 2003, 20, 251-263.	1.7	84
73	Helix-loop-helix proteins in mammary gland development and breast cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2003, 8, 225-239.	1.0	55

#	ARTICLE	IF	CITATIONS
74	Phylogenetic Analysis of Plant Basic Helix-Loop-Helix Proteins. <i>Journal of Molecular Evolution</i> , 2003, 56, 742-750.	0.8	124
75	The Peroxidase Gene Family in Plants: A Phylogenetic Overview. <i>Journal of Molecular Evolution</i> , 2003, 57, 397-407.	0.8	129
76	A genomewide survey of developmentally relevant genes in <i>Ciona intestinalis</i> . <i>Development Genes and Evolution</i> , 2003, 213, 213-221.	0.4	129
77	Genome-wide comparative phylogenetic analysis of the rice and <i>Arabidopsis</i> Dof gene families. <i>BMC Evolutionary Biology</i> , 2003, 3, 17.	3.2	295
78	HES and HERP families: Multiple effectors of the notch signaling pathway. <i>Journal of Cellular Physiology</i> , 2003, 194, 237-255.	2.0	1,099
79	The role of class I HLH genes in neural development?have they been overlooked?. <i>BioEssays</i> , 2003, 25, 709-716.	1.2	20
80	Methods for transcription factor separation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 797, 269-288.	1.2	8
81	Cloning and functional analysis of ascidian <i>Mitf</i> in vivo: insights into the origin of vertebrate pigment cells. <i>Mechanisms of Development</i> , 2003, 120, 1489-1504.	1.7	45
82	The Basic Helix-Loop-Helix Transcription Factor Family in Plants: A Genome-Wide Study of Protein Structure and Functional Diversity. <i>Molecular Biology and Evolution</i> , 2003, 20, 735-747.	3.5	913
83	Cloning and phylogenetic analysis of an amphioxus myogenic bHLH gene <i>AmphiMDF</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 960-967.	1.0	18
84	A role for <i>hairy1</i> in regulating chick limb bud growth. <i>Developmental Biology</i> , 2003, 262, 94-106.	0.9	29
85	Id proteins in epithelial cells. <i>Experimental Cell Research</i> , 2003, 285, 131-145.	1.2	65
86	Establishment of tendon-derived cell lines exhibiting pluripotent mesenchymal stem cell-like property. <i>Experimental Cell Research</i> , 2003, 287, 289-300.	1.2	235
87	Tomato (<i>Lycopersicon esculentum</i> M.) T3238FER and T3238fer genotypes. Influence of different iron concentrations on thylakoid pigment and protein composition. <i>Plant Science</i> , 2003, 164, 783-792.	1.7	15
88	Characterization of a <i>Tal/SCL</i> -like transcription factor in the pacific oyster <i>Crassostrea gigas</i> . <i>Developmental and Comparative Immunology</i> , 2003, 27, 793-800.	1.0	20
89	True and False Gharials: A Nuclear Gene Phylogeny of Crocodylia. <i>Systematic Biology</i> , 2003, 52, 386-402.	2.7	94
90	A GATA-binding protein expressed predominantly in the pupal ovary of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 185-195.	1.2	8
91	<i>CrMYC1</i> , a <i>Catharanthus roseus</i> elicitor- and jasmonate-responsive bHLH transcription factor that binds the G-box element of the strictosidine synthase gene promoter. <i>Journal of Experimental Botany</i> , 2003, 54, 2587-2588.	2.4	97

#	ARTICLE	IF	CITATIONS
92	Transcription of Cathepsin B in Glioma Cells: Regulation by an E-Box Adjacent to the Transcription Initiation Site. <i>Biological Chemistry</i> , 2003, 384, 1421-7.	1.2	18
93	The Arabidopsis Basic/Helix-Loop-Helix Transcription Factor Family[W]. <i>Plant Cell</i> , 2003, 15, 1749-1770.	3.1	1,109
94	Evolution of the TCP Gene Family in Asteridae: Cladistic and Network Approaches to Understanding Regulatory Gene Family Diversification and Its Impact on Morphological Evolution. <i>Molecular Biology and Evolution</i> , 2003, 20, 1997-2009.	3.5	51
95	Diminished Milk Synthesis in Upstream Stimulatory Factor 2 Null Mice Is Associated With Decreased Circulating Oxytocin and Decreased Mammary Gland Expression of Eukaryotic Initiation Factors 4E and 4G. <i>Molecular Endocrinology</i> , 2003, 17, 2251-2267.	3.7	21
96	The Circadian E-Box: When Perfect Is Not Good Enough. <i>Chronobiology International</i> , 2003, 20, 371-388.	0.9	41
97	Dominant-Negative Mutants of Helix-Loop-Helix Proteins: Transcriptional Inhibition. <i>Methods in Enzymology</i> , 2003, 370, 454-466.	0.4	5
98	Identification of a non-canonical E-box motif as a regulatory element in the proximal promoter region of the apolipoprotein E gene. <i>Biochemical Journal</i> , 2003, 370, 979-986.	1.7	29
99	Deletion of the Nhlh2 Transcription Factor Decreases the Levels of the Anorexigenic Peptides $\hat{\pm}$ Melanocyte-Stimulating Hormone and Thyrotropin-Releasing Hormone and Implicates Prohormone Convertases I and II in Obesity. <i>Endocrinology</i> , 2004, 145, 1503-1513.	1.4	79
100	Basic helix-loop-helix transcription factor Tcf5 interacts with the Calmegin gene promoter in mouse spermatogenesis. <i>Nucleic Acids Research</i> , 2004, 32, 6425-6436.	6.5	39
101	Identification of Basal Promoter and Enhancer Elements in an Untranslated Region of the TT Virus Genome. <i>Journal of Virology</i> , 2004, 78, 10820-10824.	1.5	19
102	Identifying DNA-binding proteins using structural motifs and the electrostatic potential. <i>Nucleic Acids Research</i> , 2004, 32, 4732-4741.	6.5	100
103	Evolution of Transcriptional Control of the $\langle i \rangle$ IgH $\langle /i \rangle$ Locus: Characterization, Expression, and Function of TF12/HEB Homologs of the Catfish. <i>Journal of Immunology</i> , 2004, 173, 5476-5484.	0.4	27
104	Paraxis Is a Basic Helix-Loop-Helix Protein That Positively Regulates Transcription through Binding to Specific E-box Elements. <i>Journal of Biological Chemistry</i> , 2004, 279, 37685-37692.	1.6	29
105	Sharp-1/DEC2 Inhibits Skeletal Muscle Differentiation through Repression of Myogenic Transcription Factors. <i>Journal of Biological Chemistry</i> , 2004, 279, 52643-52652.	1.6	70
106	Identification of the Spermatogenic Zip Protein Spz1 as a Putative Protein Phosphatase-1 (PP1) Regulatory Protein That Specifically Binds the PP1 \hat{c} ³² Splice Variant in Mouse Testis. <i>Journal of Biological Chemistry</i> , 2004, 279, 37079-37086.	1.6	29
107	Different Mechanisms Participate in the R-dependent Activity of the R2R3 MYB Transcription Factor C1. <i>Journal of Biological Chemistry</i> , 2004, 279, 48205-48213.	1.6	123
108	A Basic Helix-Loop-Helix Transcription Factor Essential for Cytochrome P450 Induction in Response to Alkanes in Yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 22183-22189.	1.6	39
109	Akt-dependent phosphorylation negatively regulates the transcriptional activity of dHAND by inhibiting the DNA binding activity. <i>FEBS Journal</i> , 2004, 271, 3330-3339.	0.2	14

#	ARTICLE	IF	CITATIONS
110	Functional analysis of the basic helix-loop-helix transcription factor DEC1 in circadian regulation. Interaction with BMAL1. <i>FEBS Journal</i> , 2004, 271, 4409-4419.	0.2	92
111	A basic-region helix-loop-helix protein-encoding gene (<i>devR</i>) involved in the development of <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2004, 52, 227-241.	1.2	33
112	Transcriptional regulation of the human ABO histo-blood group genes is dependent on the N box upstream of the proximal promoter. <i>Transfusion</i> , 2004, 44, 1741-1749.	0.8	16
113	Convergent evolution of gene networks by single gene duplications in higher eukaryotes. <i>EMBO Reports</i> , 2004, 5, 274-279.	2.0	83
114	Characterizing the new transcription regulator protein p60TRP. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 1030-1042.	1.2	32
115	The Evolution of Protein Interaction Networks in Regulatory Proteins. <i>Comparative and Functional Genomics</i> , 2004, 5, 79-84.	2.0	24
116	Heterogeneous evolution of the Myc-like Anthocyanin regulatory gene and its phylogenetic utility in <i>Cornus L.</i> (Cornaceae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 580-594.	1.2	37
117	Basic Helix-Loop-Helix Proteins Expressed During Early Embryonic Organogenesis. <i>International Review of Cytology</i> , 2004, 236, 251-280.	6.2	12
118	Lessons from the Genome Sequence of <i>Neurospora crassa</i> : Tracing the Path from Genomic Blueprint to Multicellular Organism. <i>Microbiology and Molecular Biology Reviews</i> , 2004, 68, 1-108.	2.9	572
119	An overview of the basic helix-loop-helix proteins. <i>Genome Biology</i> , 2004, 5, 226.	13.9	382
120	RERJ1, a jasmonic acid-responsive gene from rice, encodes a basic helix-loop-helix protein. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 857-863.	1.0	60
121	Developmental and evolutionary aspects of the basic helix-loop-helix transcription factors Atonal-like 1 and Achaete-scute homolog 2 in the jellyfish. <i>Developmental Biology</i> , 2004, 269, 331-345.	0.9	63
122	Identification of <i>C. elegans</i> sensory ray genes using whole-genome expression profiling. <i>Developmental Biology</i> , 2004, 270, 499-512.	0.9	51
123	Dysfunctional spermatogenesis in transgenic mice overexpressing bHLH-Zip transcription factor, Spz1. <i>Experimental Cell Research</i> , 2004, 294, 185-198.	1.2	32
124	Expression of the mitogen-inducible gene-2 (<i>mig-2</i>) is elevated in human uterine leiomyomas but not in leiomyosarcomas. <i>Human Pathology</i> , 2004, 35, 55-60.	1.1	38
125	The role of Osteopontin in tumor metastasis. <i>Journal of Surgical Research</i> , 2004, 121, 228-241.	0.8	330
126	Id2 protein is selectively upregulated by UVB in primary, but not in immortalized human keratinocytes and inhibits differentiation. <i>Oncogene</i> , 2005, 24, 5443-5458.	2.6	18
127	Upstream stimulating factors: highly versatile stress-responsive transcription factors. <i>Pigment Cell & Melanoma Research</i> , 2005, 18, 337-348.	4.0	211

#	ARTICLE	IF	CITATIONS
128	Identification of an E-box motif as a transcriptional repressor element in the proximal promoter region of the GCLC gene in rat lung epithelial L2 cells. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1030-1040.	1.3	9
129	A twisted hand: bHLH protein phosphorylation and dimerization regulate limb development. <i>BioEssays</i> , 2005, 27, 1102-1106.	1.2	14
130	Synthesis and conformational properties of protein fragments based on the Id family of DNA-binding and cell-differentiation inhibitors. <i>Biopolymers</i> , 2005, 80, 762-774.	1.2	25
131	Role of DNA Sequence in the Binding Specificity of Synthetic Basic-Helix-Loop-Helix Domains. <i>ChemBioChem</i> , 2005, 6, 104-113.	1.3	14
132	Regulation of immunoglobulin gene transcription in a teleost fish: identification, expression and functional properties of E2A in the channel catfish. <i>Immunogenetics</i> , 2005, 57, 273-282.	1.2	21
133	Characterization of inhibitor of differentiation (Id3) gene expression in the developing cochlear tissue of rats. <i>Acta Oto-Laryngologica</i> , 2005, 125, 244-249.	0.3	7
134	Protein Molecular Function Prediction by Bayesian Phylogenomics. <i>PLoS Computational Biology</i> , 2005, 1, e45.	1.5	162
135	Modulation of the Expression and Transactivation of Androgen Receptor by the Basic Helix-Loop-Helix Transcription Factor Pod-1 through Recruitment of Histone Deacetylase 1. <i>Molecular Endocrinology</i> , 2005, 19, 2245-2257.	3.7	37
136	bHLH-zip Transcription Factor Spz1 Mediates Mitogen-Activated Protein Kinase Cell Proliferation, Transformation, and Tumorigenesis. <i>Cancer Research</i> , 2005, 65, 4041-4050.	0.4	27
137	Solving the protein sequence metric problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6395-6400.	3.3	394
138	Sequence signatures and the probabilistic identification of proteins in the Myc-Max-Mad network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6401-6406.	3.3	23
139	n-Alkane and clofibrate, a peroxisome proliferator, activate transcription of ALK2 gene encoding cytochrome P450alk2 through distinct cis-acting promoter elements in <i>Candida maltosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 78-86.	1.0	8
140	A negative regulatory element-dependent inhibitory role of ITF2B on IL-2 receptor $\hat{\pm}$ gene. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 142-149.	1.0	6
141	Phylogenetic profiling of protein interaction networks in eukaryotic transcription factors reveals focal proteins being ancestral to hubs. <i>Gene</i> , 2005, 347, 247-253.	1.0	10
142	Molecular characterization of HLH-17, a <i>C. elegans</i> bHLH protein required for normal larval development. <i>Gene</i> , 2005, 356, 1-10.	1.0	38
143	The DM Domain Protein MAB-3 Promotes Sex-Specific Neurogenesis in <i>C. elegans</i> by Regulating bHLH Proteins. <i>Developmental Cell</i> , 2005, 8, 881-892.	3.1	42
144	Glucose as a regulator of eukaryotic gene transcription. <i>Trends in Endocrinology and Metabolism</i> , 2005, 16, 489-494.	3.1	132
145	Analysis of nuclear reprogramming in cloned miniature pig embryos by expression of Oct-4 and Oct-4 related genes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1419-1428.	1.0	47

#	ARTICLE	IF	CITATIONS
146	Identification and analysis of the mouse basic/Helix-Loop-Helix transcription factor family. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 648-656.	1.0	20
148	Cis and trans regulation of hepcidin expression by upstream stimulatory factor. <i>Blood</i> , 2006, 108, 4237-4245.	0.6	56
149	57Arg in the bHLH transcription factor DEC2 is essential for the suppression of CLOCK/BMAL2-mediated transactivation. <i>International Journal of Molecular Medicine</i> , 2006, 17, 1053.	1.8	2
150	Spectral Analysis of Sequence Variability in Basic-Helix-loop-helix (bHLH) Protein Domains. <i>Evolutionary Bioinformatics</i> , 2006, 2, 117693430600200.	0.6	1
151	A critical role for the loop region of the basic helix-loop-helix/leucine zipper protein Mlx in DNA binding and glucose-regulated transcription. <i>Nucleic Acids Research</i> , 2006, 35, 35-44.	6.5	51
152	Id3 induces a caspase-3- and -9-dependent apoptosis and mediates UVB sensitization of HPV16 E6/7 immortalized human keratinocytes. <i>Oncogene</i> , 2006, 25, 3649-3660.	2.6	22
153	A credit-card library approach for disrupting protein-protein interactions. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2660-2673.	1.4	81
154	HES1 Inhibits Cycling of Hematopoietic Progenitor Cells via DNA Binding. <i>Stem Cells</i> , 2006, 24, 876-888.	1.4	101
155	Math1 Target Genes Are Enriched With Evolutionarily Conserved Clustered E-box Binding Sites. <i>Journal of Molecular Neuroscience</i> , 2006, 28, 211-230.	1.1	26
156	Molecular cloning of Clock cDNA from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Brain Research</i> , 2006, 1067, 13-24.	1.1	27
157	Protein and genomic organisation of vertebrate MyoR and Capsulin genes and their expression during avian development. <i>Gene Expression Patterns</i> , 2006, 6, 383-393.	0.3	42
158	Tumoral expression of BRCA1, Estrogen receptor alpha and ID4 protein in patients with sporadic breast cancer. <i>Cancer Biology and Therapy</i> , 2006, 5, 505-510.	1.5	46
159	Identification of a Basic Helix-Loop-Helix Transcription Factor Expressed in Mammary Gland Alveolar Cells and Required for Maintenance of the Differentiated State. <i>Molecular Endocrinology</i> , 2006, 20, 2187-2198.	3.7	26
160	Molecular Architecture of the DNA-Binding Region and Its Relationship to Classification of Basic Helix-Loop-Helix Proteins. <i>Molecular Biology and Evolution</i> , 2006, 24, 192-202.	3.5	22
161	Identification of the transcription factor ARNTL2 as a candidate gene for the type 1 diabetes locus Idd6. <i>Human Molecular Genetics</i> , 2006, 15, 2732-2742.	1.4	33
162	Sequence features of DNA binding sites reveal structural class of associated transcription factor. <i>Bioinformatics</i> , 2006, 22, 157-163.	1.8	33
163	A novel function of OLIG2 to suppress human glial tumor cell growth via p27Kip1 transactivation. <i>Journal of Cell Science</i> , 2006, 119, 1433-1441.	1.2	23
164	ChREBP binding to fatty acid synthase and L-type pyruvate kinase genes is stimulated by glucose in pancreatic β -cells. <i>Journal of Lipid Research</i> , 2006, 47, 2482-2491.	2.0	76

#	ARTICLE	IF	CITATIONS
165	Genome-Wide Analysis of Basic/Helix-Loop-Helix Transcription Factor Family in Rice and Arabidopsis. <i>Plant Physiology</i> , 2006, 141, 1167-1184.	2.3	527
166	Multiple Basic Helix-Loop-Helix Proteins Regulate Expression of the ENO1 Gene of <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2007, 6, 786-796.	3.4	15
167	Regulation of tendon differentiation by scleraxis distinguishes force-transmitting tendons from muscle-anchoring tendons. <i>Development (Cambridge)</i> , 2007, 134, 2697-2708.	1.2	490
168	Comparative genomic and functional analyses reveal a novel cis-acting PTEN regulatory element as a highly conserved functional E-box motif deleted in Cowden syndrome. <i>Human Molecular Genetics</i> , 2007, 16, 1058-1071.	1.4	48
169	Making Holes in Leaves: Promoting Cell State Transitions in Stomatal Development. <i>Plant Cell</i> , 2007, 19, 1140-1143.	3.1	16
170	Basic Helix-Loop-Helix Transcription Factor Heterocomplex of Yas1p and Yas2p Regulates Cytochrome P450 Expression in Response to Alkanes in the Yeast <i>Yarrowia lipolytica</i> . <i>Eukaryotic Cell</i> , 2007, 6, 734-743.	3.4	52
171	Genomic characterization of Tv-ant-1, a <i>Caenorhabditis elegans</i> tag-61 homologue from the parasitic nematode <i>Trichostrongylus vitrinus</i> . <i>Gene</i> , 2007, 397, 12-25.	1.0	8
172	Cooperative activation of lipocalin-type prostaglandin D synthase gene expression by activator protein-2 β in proximal promoter and upstream stimulatory factor 1 within intron 4 in human brain-derived TE671 cells. <i>Gene</i> , 2007, 397, 143-152.	1.0	7
173	HPV-18 E7 conjugates to c-Myc and mediates its transcriptional activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 402-412.	1.2	41
174	Aryl Hydrocarbon Receptor Nuclear Translocator and Upstream Stimulatory Factor Regulate Cytochrome P450 2a5 Transcription through a Common E-box Site. <i>Journal of Molecular Biology</i> , 2007, 369, 640-652.	2.0	21
175	Regulatory module network of basic/helix-loop-helix transcription factors in mouse brain. <i>Genome Biology</i> , 2007, 8, R244.	13.9	21
176	Energy balance pathways converging on the Nhlh2 transcription factor. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3983.	3.0	22
177	Four <i>twist</i> genes in zebrafish, four expression patterns. <i>Developmental Dynamics</i> , 2007, 236, 2615-2626.	0.8	48
178	Interaction of shade avoidance and auxin responses: a role for two novel atypical bHLH proteins. <i>EMBO Journal</i> , 2007, 26, 4756-4767.	3.5	195
179	Transcription factor control of asymmetric cell divisions that establish the stomatal lineage. <i>Nature</i> , 2007, 445, 537-540.	13.7	503
180	Evolutionary sequence comparison of the Mitf gene reveals novel conserved domains. <i>Pigment Cell & Melanoma Research</i> , 2007, 20, 185-200.	4.0	31
181	An exploration of alternative visualisations of the basic helix-loop-helix protein interaction network. <i>BMC Bioinformatics</i> , 2007, 8, 289.	1.2	7
182	Origin and diversification of the basic helix-loop-helix gene family in metazoans: insights from comparative genomics. <i>BMC Evolutionary Biology</i> , 2007, 7, 33.	3.2	263

#	ARTICLE	IF	CITATIONS
183	Molecular characterization of the <i>Caenorhabditis elegans</i> REF-1 family member, hlh-29/hlh-28. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 5-19.	2.4	7
184	The basic helix-loop-helix transcription factor family in <i>Bombyx mori</i> . <i>Development Genes and Evolution</i> , 2007, 217, 715-723.	0.4	46
185	Osteopontin: regulation in tumor metastasis. <i>Cancer and Metastasis Reviews</i> , 2008, 27, 103-118.	2.7	287
186	E protein dosage influences brain development more than family member identity. <i>Journal of Neuroscience Research</i> , 2008, 86, 1472-1481.	1.3	38
187	Evolution and phylogenetic relationships of APSES proteins from Hemiascomycetes. <i>FEMS Yeast Research</i> , 2008, 8, 511-519.	1.1	18
188	Phylogenetic and expression analysis of the basic helix-loop-helix transcription factor gene family: genomic approach to cellular differentiation. <i>Differentiation</i> , 2008, 76, 1006-1042.	1.0	51
189	Role of upstream stimulating factors in the transcriptional regulation of the neuron-specific Cl ⁻ cotransporter KCC2. <i>Brain Research</i> , 2008, 1236, 8-15.	1.1	20
190	Genome-Wide DNA-Binding Specificity of PIL5, a <i>Arabidopsis</i> Basic Helix-Loop-Helix (bHLH) Transcription Factor. , 2008, , .		1
191	A conserved domain in the transcription factor ITF-2B attenuates its activity. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 327-331.	1.0	9
192	The Basic Helix-Loop-Helix Transcription Factor Family in the Honey Bee, <i>Apis mellifera</i> . <i>Journal of Insect Science</i> , 2008, 8, 1-12.	0.6	27
193	CpG methylation in exon 1 of transcription factor 4 increases with age in normal gastric mucosa and is associated with gene silencing in intestinal-type gastric cancers. <i>Carcinogenesis</i> , 2008, 29, 1623-1631.	1.3	32
194	Nescient Helix-Loop-Helix 2 Interacts with Signal Transducer and Activator of Transcription 3 to Regulate Transcription of Prohormone Convertase 1/3. <i>Molecular Endocrinology</i> , 2008, 22, 1438-1448.	3.7	35
195	The evolution of Olig genes and their roles in myelination. <i>Neuron Glia Biology</i> , 2008, 4, 129-135.	2.0	31
196	A FLP-Out System for Controlled Gene Expression in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2008, 180, 103-119.	1.2	72
197	Design of a single plasmid-based modified yeast one-hybrid system for investigation of in vivo protein-protein and protein-DNA interactions. <i>BioTechniques</i> , 2008, 45, 295-304.	0.8	14
198	Symmetry Breaking in Plants: Molecular Mechanisms Regulating Asymmetric Cell Divisions in <i>Arabidopsis</i> . <i>Cold Spring Harbor Perspectives in Biology</i> , 2009, 1, a000497-a000497.	2.3	40
199	Yas3p, an Opi1 Family Transcription Factor, Regulates Cytochrome P450 Expression in Response to n-Alkanes in <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 7126-7137.	1.6	56
200	The c-MYC-AP4-p21 cascade. <i>Cell Cycle</i> , 2009, 8, 982-989.	1.3	83

#	ARTICLE	IF	CITATIONS
201	Classification and Evolution of HLH Family Members in Poultry Genome. , 2009, , .		0
202	Dec2 Promotes Th2 Cell Differentiation by Enhancing IL-2R Signaling. Journal of Immunology, 2009, 183, 6320-6329.	0.4	35
203	FHL2 interacts with and acts as a functional repressor of Id2 in human neuroblastoma cells. Nucleic Acids Research, 2009, 37, 3996-4009.	6.5	19
204	Sequestration of E12/E47 and suppression of p27KIP1 play a role in Id2-induced proliferation and tumorigenesis. Carcinogenesis, 2009, 30, 1252-1259.	1.3	18
205	FHL2 interacts with and acts as a functional repressor of Id2 in human neuroblastoma cells. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2009, 21, 81-89.	0.7	0
206	In silico identification of cis-regulatory elements of phosphate transporter genes in rice (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.7	15
207	Phylogenetic Analysis of Zebrafish Basic Helix-Loop-Helix Transcription Factors. Journal of Molecular Evolution, 2009, 68, 629-640.	0.8	44
208	UVB upregulates the <i>bax</i> promoter in immortalized human keratinocytes <i>via</i> ROS induction of <i>Id3</i> . Experimental Dermatology, 2009, 18, 387-395.	1.4	14
209	Regulation of expression of zebrafish (<i>Danio rerio</i>) insulin-like growth factor 2 receptor: implications for evolution at the <i>IGF2R</i> locus. Evolution & Development, 2009, 11, 546-558.	1.1	3
210	Twist-1 Is a PPAR γ -Inducible, Negative-Feedback Regulator of PGC-1 α in Brown Fat Metabolism. Cell, 2009, 137, 73-86.	13.5	196
211	Regulatory variation in hepcidin expression as a heritable quantitative trait. Biochemical and Biophysical Research Communications, 2009, 384, 22-27.	1.0	9
212	The transcription factor ITF-2A induces cell cycle arrest via p21Cip1. Biochemical and Biophysical Research Communications, 2009, 387, 736-740.	1.0	6
213	Functional characterization of PAS and HES family bHLH transcription factors during the metamorphosis of the red flour beetle, <i>Tribolium castaneum</i> . Gene, 2009, 448, 74-87.	1.0	41
214	Multiple Repeats of a Promoter Segment Causes Transcription Factor Autoregulation in Red Apples. Plant Cell, 2009, 21, 168-183.	3.1	453
215	Transcription factors in the pathogenesis of diabetic nephropathy. Expert Reviews in Molecular Medicine, 2009, 11, e13.	1.6	142
216	Chapter 3 Notch Signaling in Chondrogenesis. International Review of Cell and Molecular Biology, 2009, 275, 65-88.	1.6	21
217	Phylogenetic molecular function annotation. Journal of Physics: Conference Series, 2009, 180, 012024.	0.3	12
218	Muscle Structure and Function. , 2009, , 13-58.		1

#	ARTICLE	IF	CITATIONS
219	FHL2 antagonizes Id1-promoted proliferation and invasive capacity of human MCF-7 breast cancer cells. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2010, 22, 194-200.	0.7	0
220	Elucidating ANTs in worms using genomic and bioinformatic tools – Biotechnological prospects?. Biotechnology Advances, 2010, 28, 49-60.	6.0	13
221	Identification and analysis of transcription factor family-specific features derived from DNA and protein information. Pattern Recognition Letters, 2010, 31, 2097-2102.	2.6	2
222	Multiple bHLH proteins regulate <i>CIT2</i> expression in <i>Saccharomyces cerevisiae</i> . Yeast, 2010, 27, 345-359.	0.8	12
223	<i>H. pylori</i> -induced promoter hypermethylation downregulates <i>USF1</i> and <i>USF2</i> transcription factor gene expression. Cellular Microbiology, 2010, 12, 1124-1133.	1.1	32
224	Genome-Wide Identification and Analysis of the Chicken Basic Helix-Loop-Helix Factors. Comparative and Functional Genomics, 2010, 2010, 1-12.	2.0	11
225	Identification of Specific DNA Binding Residues in the TCP Family of Transcription Factors in <i>Arabidopsis</i> . Plant Cell, 2010, 22, 1174-1189.	3.1	122
226	Derepression of <i>INO1</i> Transcription Requires Cooperation between the Ino2p-Ino4p Heterodimer and Cbf1p and Recruitment of the ISW2 Chromatin-Remodeling Complex. Eukaryotic Cell, 2010, 9, 1845-1855.	3.4	24
227	Maternal Obesity, Inflammation, and Fetal Skeletal Muscle Development1. Biology of Reproduction, 2010, 82, 4-12.	1.2	165
228	Origin, Evolution and Functional Diversity of bHLH Gene Family: Insights from Comparative Genomics and Interactomics. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
229	Genome-wide DNA-binding specificity of PIL5, an <i>Arabidopsis</i> basic Helix-Loop-Helix (bHLH) transcription factor. International Journal of Data Mining and Bioinformatics, 2010, 4, 588.	0.1	6
230	Regulatory Module Network of Basic/Helix-loop-helix Transcription Factors During Bovine Preimplantation Development in vivo. , 2010, , .		0
231	Origin and Diversification of Basic-Helix-Loop-Helix Proteins in Plants. Molecular Biology and Evolution, 2010, 27, 862-874.	3.5	503
232	<i>c/EBP2</i> Is a Major Regulatory Element Driving Transcriptional Activation of the <i>CXCL12</i> Promoter. Journal of Molecular Biology, 2010, 396, 463-472.	2.0	21
233	Transcriptional inhibition of REST by NeuroD2 during neuronal differentiation. Molecular and Cellular Neurosciences, 2010, 44, 178-189.	1.0	18
234	Basic helix-loop-helix transcription factor gene family phylogenetics and nomenclature. Differentiation, 2010, 80, 1-8.	1.0	82
235	Receptor-Mediated Carcinogenesis. , 2010, , 349-369.		0
236	Genome-Wide Classification and Evolutionary Analysis of the bHLH Family of Transcription Factors in <i>Arabidopsis</i> , Poplar, Rice, Moss, and Algae. Plant Physiology, 2010, 153, 1398-1412.	2.3	493

#	ARTICLE	IF	CITATIONS
237	A Catalogue of Eukaryotic Transcription Factor Types, Their Evolutionary Origin, and Species Distribution. <i>Sub-Cellular Biochemistry</i> , 2011, 52, 25-73.	1.0	107
239	A Handbook of Transcription Factors. <i>Sub-Cellular Biochemistry</i> , 2011, , .	1.0	14
240	Recent advances in the transcriptional regulation of the flavonoid biosynthetic pathway. <i>Journal of Experimental Botany</i> , 2011, 62, 2465-2483.	2.4	990
241	Melanocortin 4 receptor is a transcriptional target of nescient helix-loop-helix-2. <i>Molecular and Cellular Endocrinology</i> , 2011, 341, 39-47.	1.6	25
242	mitfa is required at multiple stages of melanocyte differentiation but not to establish the melanocyte stem cell. <i>Developmental Biology</i> , 2011, 350, 405-413.	0.9	73
243	Regulation of POU4F3 gene expression in hair cells by 5â€² DNA in mice. <i>Neuroscience</i> , 2011, 197, 48-64.	1.1	49
244	A Newly Described Bovine Type 2 Scurs Syndrome Segregates with a Frame-Shift Mutation in TWIST1. <i>PLoS ONE</i> , 2011, 6, e22242.	1.1	35
245	Evolution of the Max and Mlx Networks in Animals. <i>Genome Biology and Evolution</i> , 2011, 3, 915-937.	1.1	29
246	Evolutionary and comparative analysis of MYB and bHLH plant transcription factors. <i>Plant Journal</i> , 2011, 66, 94-116.	2.8	1,014
247	The shade avoidance syndrome in Arabidopsis: a fundamental role for atypical basic helixâ€‘loopâ€‘helix proteins as transcriptional cofactors. <i>Plant Journal</i> , 2011, 66, 258-267.	2.8	92
248	The basic helixâ€‘loopâ€‘helix transcription factor CrMYC2 controls the jasmonateâ€‘responsive expression of the <i>ORCA</i> genes that regulate alkaloid biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Journal</i> , 2011, 67, 61-71.	2.8	309
249	<i>SPATULA</i> and <i>ALCATRAZ</i> are partially redundant, functionally diverging bHLH genes required for Arabidopsis gynoecium and fruit development. <i>Plant Journal</i> , 2011, 68, 816-829.	2.8	92
250	An atypical HLH protein OsLF in rice regulates flowering time and interacts with OsPIL13 and OsPIL15. <i>New Biotechnology</i> , 2011, 28, 788-797.	2.4	30
251	Correlated evolution of transcription factors and their binding sites. <i>Bioinformatics</i> , 2011, 27, 2972-2978.	1.8	24
252	Scleraxis is Required for Differentiation of the Stapedius and Tensor Tympani Tendons of the Middle Ear. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2011, 12, 407-421.	0.9	19
253	Molecular Phylogenetic Analysis of Zebra Finch Basic Helix-Loop-Helix Transcription Factors. <i>Biochemical Genetics</i> , 2011, 49, 226-241.	0.8	10
254	Apple skin patterning is associated with differential expression of MYB10. <i>BMC Plant Biology</i> , 2011, 11, 93.	1.6	227
255	Role of the USF1 transcription factor in diabetic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F271-F279.	1.3	30

#	ARTICLE	IF	CITATIONS
256	Using a structural and logics systems approach to infer bHLHâ€™DNA binding specificity determinants. <i>Nucleic Acids Research</i> , 2011, 39, 4553-4563.	6.5	73
257	SclR, a Basic Helix-Loop-Helix Transcription Factor, Regulates Hyphal Morphology and Promotes Sclerotial Formation in <i>Aspergillus oryzae</i> . <i>Eukaryotic Cell</i> , 2011, 10, 945-955.	3.4	62
258	Phylogenetic Analysis and Classification of the Fungal bHLH Domain. <i>Molecular Biology and Evolution</i> , 2012, 29, 1301-1318.	3.5	29
259	ATOH7 mutations cause autosomal recessive persistent hyperplasia of the primary vitreous. <i>Human Molecular Genetics</i> , 2012, 21, 3681-3694.	1.4	65
260	Pittâ€™Hopkins syndrome-associated mutations in TCF4 lead to variable impairment of the transcription factor function ranging from hypomorphic to dominant-negative effects. <i>Human Molecular Genetics</i> , 2012, 21, 2873-2888.	1.4	87
261	Scleraxis Modulates Bone Morphogenetic Protein 4 (BMP4)-Smad1 Protein-Smooth Muscle Î±-Actin (SMA) Signal Transduction in Diabetic Nephropathy. <i>Journal of Biological Chemistry</i> , 2012, 287, 20430-20442.	1.6	27
262	TFE2 and GATA3 enhance induction of POU4F3 and myosin VIIa positive cells in nonsensory cochlear epithelium by ATOH1. <i>Developmental Biology</i> , 2012, 372, 68-80.	0.9	45
263	Identification of an E-box motif responsible for the expression of jasmonic acid-induced chitinase gene <i>OsChia4a</i> in rice. <i>Journal of Plant Physiology</i> , 2012, 169, 621-627.	1.6	39
264	Twist factor regulation of non-cardiomyocyte cell lineages in the developing heart. <i>Differentiation</i> , 2012, 84, 79-88.	1.0	23
265	Promoter contribution to the testis-specific expression of Stellate gene family in <i>Drosophila melanogaster</i> . <i>Gene</i> , 2012, 499, 143-153.	1.0	12
266	Placenta to cartilage: direct conversion of human placenta to chondrocytes with transformation by defined factors. <i>Molecular Biology of the Cell</i> , 2012, 23, 3511-3521.	0.9	36
267	Statins modulate transcriptional activity of hemeâ€™oxygenaseâ€™1 promoter in NIH 3T3 Cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3466-3475.	1.2	24
268	Mapping of cis-regulatory sites in the promoter of testis-specific Stellate genes of <i>Drosophila melanogaster</i> . <i>Biochemistry (Moscow)</i> , 2012, 77, 1285-1293.	0.7	3
269	Accurate discrimination of bHLH domains in plants, animals, and fungi using biologically meaningful sites. <i>BMC Evolutionary Biology</i> , 2012, 12, 154.	3.2	30
270	A genome-wide identification and analysis of the basic helix-loop-helix transcription factors in the ponerine ant, <i>Harpegnathos saltator</i> . <i>BMC Evolutionary Biology</i> , 2012, 12, 165.	3.2	18
271	Down-Regulation of AP-4 Inhibits Proliferation, Induces Cell Cycle Arrest and Promotes Apoptosis in Human Gastric Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e37096.	1.1	31
272	Probing the Structure of Lysozymeâ€™Carbonâ€™Nanotube Hybrids with Molecular Dynamics. <i>Chemistry - A European Journal</i> , 2012, 18, 4308-4313.	1.7	84
273	The overexpression of AP-4 as a prognostic indicator for gastric carcinoma. <i>Medical Oncology</i> , 2012, 29, 871-877.	1.2	30

#	ARTICLE	IF	CITATIONS
274	A genomewide survey of bHLH transcription factors in the coral <i>Acropora digitifera</i> identifies three novel orthologous families, pearl, amber, and peridot. <i>Development Genes and Evolution</i> , 2012, 222, 63-76.	0.4	18
275	Novel comprehensive diagnostic strategy in Pitt-Hopkins syndrome: Clinical score and further delineation of the TCF4 mutational spectrum. <i>Human Mutation</i> , 2012, 33, 64-72.	1.1	102
276	The nucleotide polymorphisms within the Epstein-Barr virus C and Q promoters from nasopharyngeal carcinoma affect transcriptional activity in vitro. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 931-938.	0.8	9
277	Structural and Affinity Insight into the Sequence-Specific Interaction of Transcription Factors DEC1 and DEC2 with E-box DNA: A Novel Model Peptide Approach. <i>International Journal of Peptide Research and Therapeutics</i> , 2013, 19, 313-321.	0.9	1
278	The molecular network regulating the coloration in apple. <i>Scientia Horticulturae</i> , 2013, 163, 1-9.	1.7	32
279	Classification and evolutionary analysis of the basic helix-loop-helix gene family in the green anole lizard, <i>Anolis carolinensis</i> . <i>Molecular Genetics and Genomics</i> , 2013, 288, 365-380.	1.0	12
280	Transcription Factors in Alkaloid Biosynthesis. <i>International Review of Cell and Molecular Biology</i> , 2013, 305, 339-382.	1.6	39
281	Genomic Regions Flanking E-Box Binding Sites Influence DNA Binding Specificity of bHLH Transcription Factors through DNA Shape. <i>Cell Reports</i> , 2013, 3, 1093-1104.	2.9	280
283	Developmental expression patterns and association study with growth traits of bovine <i>Bhlhe40</i> gene. <i>Molecular Biology</i> , 2013, 47, 674-680.	0.4	7
284	Evolutionary Aspects of Variability in bHLH Orthologous Families: Insights from the Pearl Oyster, <i>Pinctada fucata</i> . <i>Zoological Science</i> , 2013, 30, 868.	0.3	15
285	High expression of AP-4 predicts poor prognosis for hepatocellular carcinoma after curative hepatectomy. <i>Tumor Biology</i> , 2013, 34, 271-276.	0.8	19
286	A High-Resolution Enhancer Atlas of the Developing Telencephalon. <i>Cell</i> , 2013, 152, 895-908.	13.5	241
287	NHLH2: at the intersection of obesity and fertility. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 385-390.	3.1	15
288	Two single nucleotide polymorphisms in the human nescient helix-loop-helix 2 (NHLH2) gene reduce mRNA stability and DNA binding. <i>Gene</i> , 2013, 512, 134-142.	1.0	11
289	Behavioral abnormalities and Parkinson's-like changes resulting from <i>Id2</i> inactivation in mice. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 819-27.	1.2	10
290	RICE SALT SENSITIVE3 Forms a Ternary Complex with JAZ and Class-C bHLH Factors and Regulates Jasmonate-Induced Gene Expression and Root Cell Elongation. <i>Plant Cell</i> , 2013, 25, 1709-1725.	3.1	107
291	Phylogeny, Functional Annotation, and Protein Interaction Network Analyses of the <i>Xenopus tropicalis</i> Basic Helix-Loop-Helix Transcription Factors. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	3
292	Phylogenetic analyses of vector mosquito basic helix-loop-helix transcription factors. <i>Insect Molecular Biology</i> , 2013, 22, 608-621.	1.0	19

#	ARTICLE	IF	CITATIONS
293	CRITERIA FOR AN UPDATED CLASSIFICATION OF HUMAN TRANSCRIPTION FACTOR DNA-BINDING DOMAINS. <i>Journal of Bioinformatics and Computational Biology</i> , 2013, 11, 1340007.	0.3	9
294	Smad Mediated Regulation of Inhibitor of DNA Binding 2 and Its Role in Phenotypic Maintenance of Human Renal Proximal Tubule Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e51842.	1.1	22
295	Anti-IL-17 Antibody Improves Hepatic Steatosis by Suppressing Interleukin-17-Related Fatty Acid Synthesis and Metabolism. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	19
296	Signaling hypoxia by hypoxia-inducible factor protein hydroxylases: a historical overview and future perspectives. <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 197.	1.9	40
297	A genome-wide identification and classification of basic helix-loop-helix genes in the jewel wasp, <i>Nasonia vitripennis</i> (Hymenoptera: Pteromalidae). <i>Genome</i> , 2014, 57, 525-536.	0.9	11
298	Interhelical loops within the bHLH domain are determinant in maintaining TWIST1-DNA complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 226-241.	2.0	8
299	Toward Understanding the Functional Role of Ss-riok-1, a RIO Protein Kinase-Encoding Gene of <i>Strongyloides stercoralis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3062.	1.3	13
300	A Genome-Wide Identification of Basic Helix-Loop-Helix Motifs in <i>Pediculus humanus corporis</i> (Phthiraptera: Pediculidae). <i>Journal of Insect Science</i> , 2014, 14, 195.	0.6	6
301	The bHLH Factors Extramacrochaetae and Daughterless Control Cell Cycle in <i>Drosophila</i> Imaginal Discs through the Transcriptional Regulation of the cdc25 Phosphatase string. <i>PLoS Genetics</i> , 2014, 10, e1004233.	1.5	13
302	USP17- and SCF ^{TrCP} -Regulated Degradation of DEC1 Controls the DNA Damage Response. <i>Molecular and Cellular Biology</i> , 2014, 34, 4177-4185.	1.1	30
303	Overview of Orchestration of CD4+ T Cell Subsets in Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 2014, 841, 1-13.	0.8	44
304	A genomic approach to coral-dinoflagellate symbiosis: studies of <i>Acropora digitifera</i> and <i>Symbiodinium minutum</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 336.	1.5	35
305	Th1/Th2 Cell Differentiation and Molecular Signals. <i>Advances in Experimental Medicine and Biology</i> , 2014, 841, 15-44.	0.8	161
306	A genome-wide survey of bHLH transcription factors in the Placozoan <i>Trichoplax adhaerens</i> reveals the ancient repertoire of this gene family in metazoan. <i>Gene</i> , 2014, 542, 29-37.	1.0	20
307	Genetic and functional evidence for a locus controlling otitis media at chromosome 10q26.3. <i>BMC Medical Genetics</i> , 2014, 15, 18.	2.1	10
308	Genome-wide analysis of the bHLH transcription factor family in Chinese cabbage (<i>Brassica rapa</i> ssp.) Tj ETQq1 1 0.784314 rgBT /Ove 1.0 304	1.0	304
309	Evolutionary constraints in variable environments, from proteins to networks. <i>Trends in Genetics</i> , 2014, 30, 192-198.	2.9	27
310	T Helper Cell Differentiation and Their Function. <i>Advances in Experimental Medicine and Biology</i> , 2014, , .	0.8	7

#	ARTICLE	IF	CITATIONS
311	The Basic Helix-Loop-Helix Transcription Factor Family in the Sacred Lotus, <i>Nelumbo Nucifera</i> . <i>Tropical Plant Biology</i> , 2014, 7, 65-70.	1.0	11
312	Time course and side-by-side analysis of mesodermal, pre-myogenic, myogenic and differentiated cell markers in the chicken model for skeletal muscle formation. <i>Journal of Anatomy</i> , 2015, 227, 361-382.	0.9	48
313	TFE3 Is a bHLH-ZIP-type Transcription Factor that Regulates the Mammalian Golgi Stress Response. <i>Cell Structure and Function</i> , 2015, 40, 13-30.	0.5	68
314	bHLH106 Integrates Functions of Multiple Genes through Their G-Box to Confer Salt Tolerance on <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2015, 10, e0126872.	1.1	53
315	A Classification of Basic Helix-Loop-Helix Transcription Factors of Soybean. <i>International Journal of Genomics</i> , 2015, 2015, 1-10.	0.8	40
316	The <i>Arabidopsis thaliana</i> TCP transcription factors: A broadening horizon beyond development. <i>Plant Signaling and Behavior</i> , 2015, 10, e1044192.	1.2	181
317	Expressional profiles of transcription factors in the progression of <i>Helicobacter pylori</i> -associated gastric carcinoma based on protein/DNA array analysis. <i>Medical Oncology</i> , 2015, 32, 265.	1.2	12
318	<i>OsJAZ9</i> acts as a transcriptional regulator in jasmonate signaling and modulates salt stress tolerance in rice. <i>Plant Science</i> , 2015, 232, 1-12.	1.7	145
319	The basic helix-loop-helix transcription factors in the Colorado potato beetle <i>Leptinotarsa decemlineata</i> . <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 197-203.	0.4	6
320	<i>Scleraxis</i> and <i>osterix</i> antagonistically regulate tensile force-responsive remodeling of the periodontal ligament and alveolar bone. <i>Development (Cambridge)</i> , 2015, 142, 787-796.	1.2	86
321	Genome-wide identification, classification and functional analyses of the bHLH transcription factor family in the pig, <i>Sus scrofa</i> . <i>Molecular Genetics and Genomics</i> , 2015, 290, 1415-1433.	1.0	4
322	Gene cloning and expression analysis of AhR and CYP4 from <i>Pinctada martensii</i> after exposed to pyrene. <i>Ecotoxicology</i> , 2015, 24, 1574-1582.	1.1	14
323	Genome-wide identification and analysis of basic helix-loop-helix domains in dog, <i>Canis lupus familiaris</i> . <i>Molecular Genetics and Genomics</i> , 2015, 290, 633-648.	1.0	6
324	Genome-wide analysis of bHLH transcription factor and involvement in the infection by yellow leaf curl virus in tomato (<i>Solanum lycopersicum</i>). <i>BMC Genomics</i> , 2015, 16, 39.	1.2	102
325	A CIB1-LIKE transcription factor GmCIL10 from soybean positively regulates plant flowering. <i>Science China Life Sciences</i> , 2015, 58, 261-269.	2.3	7
326	Genome-wide identification and characterization of the bHLH gene family in tomato. <i>BMC Genomics</i> , 2015, 16, 9.	1.2	193
327	Genome-wide characterisation and analysis of bHLH transcription factors related to tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> . <i>Scientific Reports</i> , 2015, 5, 11244.	1.6	97
328	Genome-wide analysis of basic helix-loop-helix family transcription factors and their role in responses to abiotic stress in carrot. <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	24

#	ARTICLE	IF	CITATIONS
329	Inhibitor of differentiation 4 (ID4) acts as an inhibitor of ID-1, -2 and -3 and promotes basic helix loop helix (bHLH) E47 DNA binding and transcriptional activity. <i>Biochimie</i> , 2015, 112, 139-150.	1.3	29
330	The nervous system of Xenacoelomorpha: a genomic perspective. <i>Journal of Experimental Biology</i> , 2015, 218, 618-628.	0.8	36
331	Tooth movement and mechanical stress -Role of osteocytes and osteoimmune factor-. <i>Journal of Japanese Society of Periodontology</i> , 2016, 58, 213-228.	0.1	1
332	A Genome-Wide Identification and Analysis of the Basic Helix-Loop-Helix Transcription Factors in Brown Planthopper, <i>Nilaparvata lugens</i> . <i>Genes</i> , 2016, 7, 100.	1.0	8
333	Cell-Autonomous and Non-Cell-Autonomous Regulation of a Feeding State-Dependent Chemoreceptor Gene via MEF-2 and bHLH Transcription Factors. <i>PLoS Genetics</i> , 2016, 12, e1006237.	1.5	21
334	Investigations of the CLOCK and BMAL1 Proteins Binding to DNA: A Molecular Dynamics Simulation Study. <i>PLoS ONE</i> , 2016, 11, e0155105.	1.1	7
335	Characterization of the Promoter Region of Biosynthetic Enzyme Genes Involved in Berberine Biosynthesis in <i>Coptis japonica</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1352.	1.7	16
336	Insulin Gene Therapy for Type 1 Diabetes Mellitus: Unique Challenges Require Innovative Solutions. , 0, , .		1
337	Multidimensional Proteomics Reveals a Role of UHRF2 in the Regulation of Epithelial-Mesenchymal Transition (EMT). <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2263-2278.	2.5	26
338	Molecular characterization of maize bHLH transcription factor (ZmKS), a new ZmOST1 kinase substrate. <i>Plant Science</i> , 2016, 253, 1-12.	1.7	3
339	Complex structure of the fission yeast SREBP-SCAP binding domains reveals an oligomeric organization. <i>Cell Research</i> , 2016, 26, 1197-1211.	5.7	19
340	Conservation and divergence of bHLH genes in the calcisponge <i>Sycon ciliatum</i> . <i>EvoDevo</i> , 2016, 7, 23.	1.3	17
341	The jasmonate-responsive Aa^{MYC}2 transcription factor positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2016, 210, 1269-1281.	3.5	230
342	Functional characterization of a basic helix-loop-helix (^{bHLH}) transcription factor ^{ChDEL65} from cotton (^{Gossypium hirsutum}). <i>Physiologia Plantarum</i> , 2016, 158, 200-212.	2.6	58
343	Identification of the MmHairy gene and expression analysis affected by two SNPs in the 3'-untranslated region in the clam <i>Meretrix meretrix</i> . <i>Fish and Shellfish Immunology</i> , 2016, 51, 46-52.	1.6	1
344	Transcriptional regulation of artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Science Bulletin</i> , 2016, 61, 18-25.	4.3	48
345	Jasmonate-responsive transcription factors regulating plant secondary metabolism. <i>Biotechnology Advances</i> , 2016, 34, 441-449.	6.0	346
346	Rice phytochrome-interacting factor protein OsPIF14 represses OsDREB1B gene expression through an extended N-box and interacts preferentially with the active form of phytochrome B. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 393-404.	0.9	51

#	ARTICLE	IF	CITATIONS
347	Developmental Progression in the Coral <i>Acropora digitifera</i> Is Controlled by Differential Expression of Distinct Regulatory Gene Networks. <i>Genome Biology and Evolution</i> , 2016, 8, 851-870.	1.1	27
348	Evolution of the CNS myelin gene regulatory program. <i>Brain Research</i> , 2016, 1641, 111-121.	1.1	41
349	Transcriptome-wide analysis of basic helix-loop-helix transcription factors in <i>Isatis indigotica</i> and their methyl jasmonate responsive expression profiling. <i>Gene</i> , 2016, 576, 150-159.	1.0	13
350	Genome-wide characterization and expression analysis of common bean bHLH transcription factors in response to excess salt concentration. <i>Molecular Genetics and Genomics</i> , 2016, 291, 129-143.	1.0	82
351	The DNA target determines the dimerization partner selected by bHLHZ-like hybrid proteins AhRJun and ArntFos. <i>Molecular BioSystems</i> , 2017, 13, 476-488.	2.9	8
352	Global identification, structural analysis and expression characterization of bHLH transcription factors in wheat. <i>BMC Plant Biology</i> , 2017, 17, 90.	1.6	51
353	A genome-wide identification and analysis of basic helix-loop-helix transcription factors in cattle. <i>Gene</i> , 2017, 626, 241-250.	1.0	4
354	Genome-wide identification, classification, and functional analysis of the basic helix-loop-helix transcription factors in the cattle, <i>Bos Taurus</i> . <i>Mammalian Genome</i> , 2017, 28, 176-197.	1.0	11
355	Identification of two transcription factors activating the expression of OsXIP in rice defence response. <i>BMC Biotechnology</i> , 2017, 17, 26.	1.7	14
356	A novel GhBEE1-Like gene of cotton causes anther indehiscence in transgenic <i>Arabidopsis</i> under uncontrolled transcription level. <i>Gene</i> , 2017, 627, 49-56.	1.0	2
357	Basic helix-loop-helix transcription factors in evolution: Roles in development of mesoderm and neural tissues. <i>Genesis</i> , 2017, 55, e23051.	0.8	17
358	<i>Arabidopsis</i> RSS1 Mediates Cross-Talk Between Glucose and Light Signaling During Hypocotyl Elongation Growth. <i>Scientific Reports</i> , 2017, 7, 16101.	1.6	16
359	Identification and expression analysis of the apple (<i>Malus domestica</i>) basic helix-loop-helix transcription factor family. <i>Scientific Reports</i> , 2017, 7, 28.	1.6	43
360	Evolution of the SPATULA/ALCATRAZ gene lineage and expression analyses in the basal eudicot, <i>Bocconia frutescens</i> L. (Papaveraceae). <i>EvoDevo</i> , 2017, 8, 5.	1.3	17
361	Evolution of the Human Genome I. <i>Evolutionary Studies</i> , 2017, , .	0.2	1
362	Transcription Factor Genes. <i>Evolutionary Studies</i> , 2017, , 241-263.	0.2	1
363	Phylogenetics of Lophotrochozoan bHLH Genes and the Evolution of Lineage-Specific Gene Duplicates. <i>Genome Biology and Evolution</i> , 2017, 9, 869-886.	1.1	26
364	TFE3, HSP47, and CREB3 Pathways of the Mammalian Golgi Stress Response. <i>Cell Structure and Function</i> , 2017, 42, 27-36.	0.5	83

#	ARTICLE	IF	CITATIONS
365	Genome Wide Identification and Characterization of Apple bHLH Transcription Factors and Expression Analysis in Response to Drought and Salt Stress. <i>Frontiers in Plant Science</i> , 2017, 8, 480.	1.7	148
366	The Soybean Basic Helix-Loop-Helix Transcription Factor ORG3-Like Enhances Cadmium Tolerance via Increased Iron and Reduced Cadmium Uptake and Transport from Roots to Shoots. <i>Frontiers in Plant Science</i> , 2017, 8, 1098.	1.7	29
367	Molecular Cloning and Characterization of PnbHLH1 Transcription Factor in <i>Panax notoginseng</i> . <i>Molecules</i> , 2017, 22, 1268.	1.7	32
368	Genome-wide analysis of basic helix-loop-helix (bHLH) transcription factors in <i>Brachypodium distachyon</i> . <i>BMC Genomics</i> , 2017, 18, 619.	1.2	74
369	Transcriptome (ESTs) of Avocado "Native" Mexicano Early Seed Development Shows Abundance of Regulatory, Antioxidant and Defense Genes. , 0, , .		0
370	Targeting MYC in multiple myeloma. <i>Leukemia</i> , 2018, 32, 1295-1306.	3.3	89
371	Genome-wide analyses of the bHLH superfamily in crustaceans: reappraisal of higher-order groupings and evidence for lineage-specific duplications. <i>Royal Society Open Science</i> , 2018, 5, 172433.	1.1	5
372	The antagonistic basic helix-loop-helix partners BEE and IBH1 contribute to control plant tolerance to abiotic stress. <i>Plant Science</i> , 2018, 271, 143-150.	1.7	17
373	Transcriptome-wide identification and expression profile analysis of the bHLH family genes in <i>Camellia sinensis</i> . <i>Functional and Integrative Genomics</i> , 2018, 18, 489-503.	1.4	47
374	Divergence and evolution of cotton bHLH proteins from diploid to allotetraploid. <i>BMC Genomics</i> , 2018, 19, 162.	1.2	5
375	Comparative proteomic analysis: SclR is importantly involved in carbohydrate metabolism in <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 319-332.	1.7	8
376	Xenobiotic Receptor-Mediated Carcinogenesis. , 2018, , 310-329.		0
377	Multiple biological functions of transcription factor 21 in the development of various cancers. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 3533-3539.	1.0	15
378	Basic helix-loop-helix gene family: Genome wide identification, phylogeny, and expression in Moso bamboo. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 104-119.	2.8	43
379	SPZ1 is critical for chemoresistance and aggressiveness in drug-resistant breast cancer cells. <i>Biochemical Pharmacology</i> , 2018, 156, 43-51.	2.0	7
380	Evaluating the prognostic value and functional roles of transcription factor AP4 in colorectal cancer. <i>Oncology Letters</i> , 2018, 15, 7545-7554.	0.8	11
381	The bHLH Protein Nulp1 is Essential for Femur Development Via Acting as a Cofactor in Wnt Signaling in <i>Drosophila</i> . <i>Current Molecular Medicine</i> , 2018, 17, 509-517.	0.6	2
382	Elevated TFAP4 regulates lncRNA TRERNA1 to promote cell migration and invasion in gastric cancer. <i>Oncology Reports</i> , 2018, 40, 923-931.	1.2	18

#	ARTICLE	IF	CITATIONS
383	Genome-Wide Identification and Characterization of the Potato bHLH Transcription Factor Family. <i>Genes</i> , 2018, 9, 54.	1.0	112
384	Characterization of the bHLH family of transcriptional regulators in the acoel <i>S. roscoffensis</i> and their putative role in neurogenesis. <i>EvoDevo</i> , 2018, 9, 8.	1.3	10
385	Hybrid sequencing of the <i>Gynostemma pentaphyllum</i> transcriptome provides new insights into gypenoside biosynthesis. <i>BMC Genomics</i> , 2019, 20, 632.	1.2	16
386	OsHLH61-OsbHLH96 influences rice defense to brown planthopper through regulating the pathogen-related genes. <i>Rice</i> , 2019, 12, 9.	1.7	23
387	Embryonic Cul4b is important for epiblast growth and location of primitive streak layer cells. <i>PLoS ONE</i> , 2019, 14, e0219221.	1.1	2
388	The bHLH family member ZmPTF1 regulates drought tolerance in maize by promoting root development and abscisic acid synthesis. <i>Journal of Experimental Botany</i> , 2019, 70, 5471-5486.	2.4	88
389	Genome-Wide Analysis of Basic Helix-Loop-Helix Superfamily Members Reveals Organization and Chilling-Responsive Patterns in Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.). <i>Genes</i> , 2019, 10, 914.	1.0	8
390	TCF12 promotes the tumorigenesis and metastasis of hepatocellular carcinoma via upregulation of CXCR4 expression. <i>Theranostics</i> , 2019, 9, 5810-5827.	4.6	57
391	<i>Zoysia japonica</i> MYC type transcription factor ZjICE1 regulates cold tolerance in transgenic <i>Arabidopsis</i> . <i>Plant Science</i> , 2019, 289, 110254.	1.7	37
392	The Significance of the Intrinsically Disordered Regions for the Functions of the bHLH Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5306.	1.8	29
394	MicroRNA-608 Promotes Apoptosis in Non-Small Cell Lung Cancer Cells Treated With Doxorubicin Through the Inhibition of TFAP4. <i>Frontiers in Genetics</i> , 2019, 10, 809.	1.1	33
395	Anthocyanin Synthesis and the Expression Patterns of bHLH Transcription Factor Family during Development of the Chinese Jujube Fruit (<i>Ziziphus jujuba</i> Mill.). <i>Forests</i> , 2019, 10, 346.	0.9	19
396	A Critical E-box in Barhl1 3' Enhancer Is Essential for Auditory Hair Cell Differentiation. <i>Cells</i> , 2019, 8, 458.	1.8	11
397	Role of the BDNF-TrkB pathway in KCC2 regulation and rehabilitation following neuronal injury: A mini review. <i>Neurochemistry International</i> , 2019, 128, 32-38.	1.9	36
398	Identification of the grape basic helix-loop-helix transcription factor family and characterization of expression patterns in response to different stresses. <i>Plant Growth Regulation</i> , 2019, 88, 19-39.	1.8	15
399	Phylogenetic analysis and classification of insect achaete-scute complex genes. <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 398-403.	0.4	4
400	The transcription factor OsbHLH138 regulates thermosensitive genic male sterility in rice via activation of TMS5. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1721-1732.	1.8	16
401	Research progress on the basic helix-loop-helix transcription factors of <i>Aspergillus</i> species. <i>Advances in Applied Microbiology</i> , 2019, 109, 31-59.	1.3	4

#	ARTICLE	IF	CITATIONS
402	Single-Molecule Long-Read Sequencing Reveals the Diversity of Full-Length Transcripts in Leaves of <i>Gnetum</i> (Gnetales). <i>International Journal of Molecular Sciences</i> , 2019, 20, 6350.	1.8	8
403	Bioinformatical analysis and prediction of <i>Nicotiana benthamiana</i> bHLH transcription factors in <i>Phytophthora parasitica</i> resistance. <i>Genomics</i> , 2019, 111, 473-482.	1.3	14
404	To roll the eyes and snap a bite – function, development and evolution of craniofacial muscles. <i>Seminars in Cell and Developmental Biology</i> , 2019, 91, 31-44.	2.3	25
405	A novel basic helix-loop-helix transcription factor, ZJICE2 from <i>Zoysia japonica</i> confers abiotic stress tolerance to transgenic plants via activating the DREB/CBF regulon and enhancing ROS scavenging. <i>Plant Molecular Biology</i> , 2020, 102, 447-462.	2.0	19
406	bHLH genes polymorphisms and their association with growth traits in the Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Oceanology and Limnology</i> , 2020, 38, 862-868.	0.6	2
407	Unravelling the regulatory network of transcription factors in parthenocarpy. <i>Scientia Horticulturae</i> , 2020, 261, 108920.	1.7	12
408	The basic helix-loop-helix transcription factor MabHLH7 positively regulates cell wall-modifying-related genes during banana fruit ripening. <i>Postharvest Biology and Technology</i> , 2020, 161, 111068.	2.9	25
409	Genome-Wide Identification and Characterization of the bHLH Transcription Factor Family in Pepper (<i>Capsicum annum</i> L.). <i>Frontiers in Genetics</i> , 2020, 11, 570156.	1.1	32
410	MdbHLH130, an Apple bHLH Transcription Factor, Confers Water Stress Resistance by Regulating Stomatal Closure and ROS Homeostasis in Transgenic Tobacco. <i>Frontiers in Plant Science</i> , 2020, 11, 543696.	1.7	50
411	Recent development of nucleic acid nanosensors to detect sequence-specific binding interactions: From metal ions, small molecules to proteins and pathogens. <i>Sensors International</i> , 2020, 1, 100034.	4.9	22
412	T cell receptor sequence clustering and antigen specificity. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2166-2173.	1.9	10
413	Genome-wide identification and characterization of bHLH family genes from <i>Ginkgo biloba</i> . <i>Scientific Reports</i> , 2020, 10, 13723.	1.6	34
414	Sterol regulatory element-binding protein Sre1 regulates carotenogenesis in the red yeast <i>Xanthophyllomyces dendrorhous</i> . <i>Journal of Lipid Research</i> , 2020, 61, 1658-1674.	2.0	9
415	Postharvest seed coat darkening in pinto bean (<i>Phaseolus vulgaris</i>) is regulated by <i>Psd1</i> , an allele of the basic helix-loop-helix transcription factor <i>P1</i> . <i>Plants People Planet</i> , 2020, 2, 663-677.	1.6	13
416	Transcription Factors of the bHLH Family Delineate Vertebrate Landmarks in the Nervous System of a Simple Chordate. <i>Genes</i> , 2020, 11, 1262.	1.0	4
417	Genome-Wide Analysis of Basic Helix-Loop-Helix Transcription Factors to Elucidate Candidate Genes Related to Fruit Ripening and Stress in Banana (<i>Musa acuminata</i> L. AAA Group, cv. Cavendish). <i>Frontiers in Plant Science</i> , 2020, 11, 650.	1.7	15
418	REVERSAL OF RDO5 1, a Homolog of Rice Seed Dormancy4, Interacts with bHLH57 and Controls ABA Biosynthesis and Seed Dormancy in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 1933-1948.	3.1	44
419	Comparative analysis of basic helix-loop-helix gene family among <i>Brassica oleracea</i> , <i>Brassica rapa</i> , and <i>Brassica napus</i> . <i>BMC Genomics</i> , 2020, 21, 178.	1.2	13

#	ARTICLE	IF	CITATIONS
420	Phylogenetic analysis of achaete-scute complex genes in metazoans. <i>Molecular Genetics and Genomics</i> , 2020, 295, 591-606.	1.0	0
421	ZmlBH1-1 regulates plant architecture in maize. <i>Journal of Experimental Botany</i> , 2020, 71, 2943-2955.	2.4	39
422	OsbHLH073 Negatively Regulates Internode Elongation and Plant Height by Modulating GA Homeostasis in Rice. <i>Plants</i> , 2020, 9, 547.	1.6	12
423	The bHLH gene family and its response to saline stress in Jilin ginseng, <i>Panax ginseng</i> C.A. Meyer. <i>Molecular Genetics and Genomics</i> , 2020, 295, 877-890.	1.0	17
424	Transcriptional Factors Regulate Plant Stress Responses Through Mediating Secondary Metabolism. <i>Genes</i> , 2020, 11, 346.	1.0	138
425	Contribution of phenylpropanoid metabolism to plant development and plant-environment interactions. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 180-209.	4.1	509
426	Production of plant bioactive triterpenoid saponins: from metabolites to genes and back. <i>Phytochemistry Reviews</i> , 2021, 20, 461-482.	3.1	20
427	DNA-Protein Interaction Analysis. , 2021, , 325-334.		0
428	Investigation of the Nature of CgCDPK and CgbHLH001 Interaction and the Function of bHLH Transcription Factor in Stress Tolerance in <i>Chenopodium glaucum</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 603298.	1.7	13
429	Amino Acid Composition in Various Types of Nucleic Acid-Binding Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 922.	1.8	14
430	Role of the bHLH transcription factor TCF21 in development and tumorigenesis. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10637.	0.7	8
431	Olig3 regulates early cerebellar development. <i>ELife</i> , 2021, 10, .	2.8	24
432	Isolation and Functional Characterization of the Promoters of Miltiradiene Synthase Genes, TwTPS27a and TwTPS27b, and Interaction Analysis with the Transcription Factor TwTGA1 from <i>Tripterygium wilfordii</i> . <i>Plants</i> , 2021, 10, 418.	1.6	11
433	Genome-wide identification and expression analysis of bHLH transcription factor family in response to cold stress in sweet cherry (<i>Prunus avium</i> L.). <i>Scientia Horticulturae</i> , 2021, 279, 109905.	1.7	35
434	MYC2 Transcription Factors TwMYC2a and TwMYC2b Negatively Regulate Triptolide Biosynthesis in <i>Tripterygium wilfordii</i> Hairy Roots. <i>Plants</i> , 2021, 10, 679.	1.6	11
435	Expression and Co-expression Analyses of WRKY, MYB, bHLH and bZIP Transcription Factor Genes in Potato (<i>Solanum tuberosum</i>) Under Abiotic Stress Conditions: RNA-seq Data Analysis. <i>Potato Research</i> , 2021, 64, 721-741.	1.2	6
436	Competition for DNA binding between paralogous transcription factors determines their genomic occupancy and regulatory functions. <i>Genome Research</i> , 2021, 31, 1216-1229.	2.4	14
437	Genome-wide identification of the tea plant bHLH transcription factor family and discovery of candidate regulators of trichome formation. <i>Scientific Reports</i> , 2021, 11, 10764.	1.6	12

#	ARTICLE	IF	CITATIONS
438	Genome-wide identification of the Capsicum bHLH transcription factor family: discovery of a candidate regulator involved in the regulation of species-specific bioactive metabolites. <i>BMC Plant Biology</i> , 2021, 21, 262.	1.6	30
439	The Role of Neurod Genes in Brain Development, Function, and Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 662774.	1.4	73
440	Regulatory Mechanisms of bHLH Transcription Factors in Plant Adaptive Responses to Various Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 677611.	1.7	78
441	Genome-wide identification and expression analysis of the bHLH transcription factor family and its response to abiotic stress in sorghum [<i>Sorghum bicolor</i> (L.) Moench]. <i>BMC Genomics</i> , 2021, 22, 415.	1.2	29
442	Identification of the core promoter of ZNFO, an oocyte-specific maternal effect gene in cattle. <i>Gene</i> , 2021, 791, 145717.	1.0	3
443	Basic Helix-Loop-Helix (bHLH) Transcription Factors Regulate a Wide Range of Functions in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7152.	1.8	87
444	Mechanisms of Binding Specificity among bHLH Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9150.	1.8	45
445	Targeting radiation-induced upstream stimulatory factor-1 by histone deacetylase inhibitors to reverse radioresistance in prostate cancer. <i>Cancer Reports</i> , 2021, , e1553.	0.6	3
446	Enhancer decommissioning imposes an epigenetic barrier to sensory hair cell regeneration. <i>Developmental Cell</i> , 2021, 56, 2471-2485.e5.	3.1	37
447	TFAP4 promotes the growth of prostate cancer cells by upregulating FOXK1. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1299.	0.8	6
448	Genome-Wide Identification and Low-Temperature Expression Analysis of bHLH Genes in <i>Prunus mume</i> . <i>Frontiers in Genetics</i> , 2021, 12, 762135.	1.1	15
449	Genome-wide investigation of bHLH genes and expression analysis under different biotic and abiotic stresses in <i>Helianthus annuus</i> L.. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 72-83.	3.6	29
451	Transcription Factors Regulating the Differentiation of the Trophoblast Cell Lineage. , 1999, , 167-181.		1
452	bHLH Transcription Factors: Potential Target Sites for Insecticide Development. , 2013, , 13-30.		2
453	INHIBITION OF DIFFERENTIATION (ID) PROTEINS. , 2006, , 335-339.		2
454	Targeting MYC in multiple myeloma. <i>Leukemia</i> , 0, , .	3.3	2
455	SPZ1 promotes deregulation of Bim to boost apoptosis resistance in colorectal cancer. <i>Clinical Science</i> , 2020, 134, 155-167.	1.8	5
456	Separation of phylogenetic and functional associations in biological sequences by using the parametric bootstrap. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3288-91.	3.3	64

#	ARTICLE	IF	CITATIONS
457	Genomic, Transcriptional and Mutational Analysis of the Mouse <i>microphthalmia</i> Locus. <i>Genetics</i> , 2000, 155, 291-300.	1.2	99
458	<i>GL3</i> Encodes a bHLH Protein That Regulates Trichome Development in Arabidopsis Through Interaction With GL1 and TTG1. <i>Genetics</i> , 2000, 156, 1349-1362.	1.2	638
459	Transcriptional activation of Epstein-Barr virus BRLF1 by USF1 and Rta. <i>Journal of General Virology</i> , 2015, 96, 2855-2866.	1.3	7
461	Silencing of the Epstein-Barr Virus Latent Membrane Protein 1 Gene by the Max-Mad1-mSin3A Modulator of Chromatin Structure. <i>Journal of Virology</i> , 1999, 73, 2983-2993.	1.5	30
462	The bHLH-Zip transcription factor <i>Tfeb</i> is essential for placental vascularization. <i>Development (Cambridge)</i> , 1998, 125, 4607-4616.	1.2	160
463	Dual role of the basic helix-loop-helix transcription factor scleraxis in mesoderm formation and chondrogenesis during mouse embryogenesis. <i>Development (Cambridge)</i> , 1999, 126, 4317-4329.	1.2	90
464	The basic helix-loop-helix transcription factors LIN-32 and HLH-2 function together in multiple steps of a <i>C. elegans</i> neuronal sublineage. <i>Development (Cambridge)</i> , 2000, 127, 5415-5426.	1.2	73
465	<i>SPATULA</i> , a gene that controls development of carpel margin tissues in <i>Arabidopsis</i> , encodes a bHLH protein. <i>Development (Cambridge)</i> , 2001, 128, 1089-1098.	1.2	245
466	Twist Controls Skeletal Development and Dorsoroventral Patterning by Regulating Runx2 in Zebrafish. <i>PLoS ONE</i> , 2011, 6, e27324.	1.1	23
467	Crystal Structure of the Minimalist Max-E47 Protein Chimera. <i>PLoS ONE</i> , 2012, 7, e32136.	1.1	12
469	AP4 is required for mitogen- and c-MYC-induced cell cycle progression. <i>Oncotarget</i> , 2014, 5, 7316-7327.	0.8	17
472	Characterization of the basic helix-loop-helix gene family and its tissue-differential expression in response to salt stress in poplar. <i>PeerJ</i> , 2018, 6, e4502.	0.9	37
473	Genome-wide analysis of basic helix-loop-helix superfamily members related to anthocyanin biosynthesis in eggplant (<i>Solanum melongena</i> L.). <i>PeerJ</i> , 2019, 7, e7768.	0.9	11
474	Genome-wide analysis of basic helix-loop-helix transcription factors in papaya (<i>Carica papaya</i> L.). <i>PeerJ</i> , 2020, 8, e9319.	0.9	7
475	Genome-wide identification and characterization of basic helix-loop-helix transcription factors in <i>Spodoptera litura</i> upon pathogen infection. <i>Insect Science</i> , 2021, , .	1.5	1
476	The USR domain of USF1 mediates NF-Y interactions and cooperative DNA binding. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 401-413.	3.6	0
477	Identification of Transcription Factor Genes and Functional Characterization of PIMYB1 From <i>Pueraria lobata</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 743518.	1.7	6
478	Identification of bHLH genes through genome-wide association study and antisense expression of ZjbHLH076/ZjICE1 influence tolerance to low temperature and salinity in <i>Zoysia japonica</i> . <i>Plant Science</i> , 2021, 313, 111088.	1.7	11

#	ARTICLE	IF	CITATIONS
479	Sterol-regulatory element binding proteins (SREBPs): gene-regulatory target of statin action. , 2002, , 35-54.		2
480	E-Box. , 2011, , 1201-1204.		0
481	Genome-Wide Survey, Identification and Preliminary Analysis of <i>Xenopus Laevis</i> Bhlh Transcription Factors. <i>Hans Journal of Biomedicine</i> , 2011, 01, 6-16.	0.0	1
482	E-Box. , 2014, , 1466-1470.		0
483	E-Box. , 2014, , 1-6.		0
484	Transcription Factor for Gene Function Analysis in Maize. <i>Hang'uk Jakmul Hakhoe Chi</i> , 2014, 59, 263-281.	0.2	1
485	Regulation of Epithelial-Mesenchymal Transition by Transcriptional Factors in Cervical Carcinoma. <i>International Journal of Cancer Research and Molecular Mechanisms</i> , 2015, 1, .	0.2	0
486	Genome-Wide Identification, Classification and Evolutionary Expansion of KNOX Gene Family in Rice (<i>Oryza sativa</i>) and (<i>Populus</i> (<i>Populustrichocarpa</i>). <i>American Journal of Plant Sciences</i> , 2018, 09, 1071-1092.	0.3	7
487	Genome-wide identification and expression analysis of the bHLH transcription factor family and its response to abiotic stress in foxtail millet (<i>Setaria italica</i> L.). <i>BMC Genomics</i> , 2021, 22, 778.	1.2	10
488	Genome-wide Identification, Evolution and Expression Analysis of Basic Helix-loop-helix (bHLH) Gene Family in Barley (<i>Hordeum vulgare</i> L.). <i>Current Genomics</i> , 2020, 21, 624-644.	0.7	14
491	Platelet-derived growth factor is a principal inductive factormodulating mannose 6-phosphate/insulin-like growth factor-II receptorgene expression via a distal E-box in activated hepatic stellate cells. <i>Biochemical Journal</i> , 2000, 345 Pt 2, 225-31.	1.7	5
494	Spectral analysis of sequence variability in basic-helix-loop-helix (bHLH) protein domains. <i>Evolutionary Bioinformatics</i> , 2007, 2, 187-96.	0.6	2
495	Homodimeric and Heterodimeric Interactions among Vertebrate Basic Helixâ€œLoopâ€œHelix Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12855.	1.8	16
496	Transcription Factors in Alkaloid Engineering. <i>Biomolecules</i> , 2021, 11, 1719.	1.8	14
497	Atoh8 in Development and Disease. <i>Biology</i> , 2022, 11, 136.	1.3	7
499	Genomic Survey and Cold-Induced Expression Patterns of bHLH Transcription Factors in <i>Liriodendron chinense</i> (Hemsl) Sarg.. <i>Forests</i> , 2022, 13, 518.	0.9	10
500	DNA Methylation in INA, NHLH2, and THBS4 Is Associated with Metastatic Disease in Renal Cell Carcinoma. <i>Cancers</i> , 2022, 14, 39.	1.7	4
501	Genome-Wide Identification and Characterization of Melon bHLH Transcription Factors in Regulation of Fruit Development. <i>Plants</i> , 2021, 10, 2721.	1.6	11

#	ARTICLE	IF	CITATIONS
517	Genome-wide analysis of basic helix-loop-helix (bHLH) transcription factors in <i>Aquilaria sinensis</i> . <i>Scientific Reports</i> , 2022, 12, 7194.	1.6	7
518	Heterologous Expression of Dehydration-Inducible MfbHLH145 of <i>Myrothamnus flabellifoli</i> Enhanced Drought and Salt Tolerance in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 5546.	1.8	5
519	Homologous basic helix-loop-helix transcription factors induce distinct deformations of torsionally-stressed DNA: a potential transcription regulation mechanism. <i>QRB Discovery</i> , 2022, 3, .	0.6	0
525	Basic Helix-Loop-Helix Transcription Factors AabHLH2 and AabHLH3 Function Antagonistically With AaMYC2 and Are Negative Regulators in Artemisinin Biosynthesis. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8
526	Genome-Wide Characterization and Analysis of the bHLH Transcription Factor Family in <i>Suaeda aralocaspica</i> , an Annual Halophyte With Single-Cell C4 Anatomy. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
527	Structural basis of the bHLH domains of MyoD-E47 heterodimer. <i>Biochemical and Biophysical Research Communications</i> , 2022, 621, 88-93.	1.0	1
528	Genome-wide characterization and expression analysis of <i>bHLH</i> gene family in physic nut (<i>Jatropha curcas</i> L.). <i>PeerJ</i> , 0, 10, e13786.	0.9	4
529	DNA and RNA Binding Proteins: From Motifs to Roles in Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9329.	1.8	0
530	Twist Gene in Golden Pompano <i>Trachinotus ovatus</i> Larvae. , 2022, , 135-147.		0
531	Dec2 negatively regulates bone resorption in periodontitis. <i>Journal of Periodontal Research</i> , 2022, 57, 1056-1069.	1.4	0
532	The <i>PYL8</i> - <i>bHLH66</i> - <i>bHLH118</i> complex mediates the abscisic acid-dependent drought response in sweet potato. <i>New Phytologist</i> , 2022, 236, 2151-2171.	3.5	20
533	A transcriptomic-guided strategy used in identification of a wheat rust pathogen target and modification of the target enhanced host resistance to rust pathogens. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
534	Pepper bHLH transcription factor <i>CabHLH035</i> contributes to salt tolerance by modulating ion homeostasis and proline biosynthesis. <i>Horticulture Research</i> , 2022, 9, .	2.9	15
535	The regulatory circuit of iron homeostasis in rice: a tale of transcription factors. , 2023, , 251-268.		2
536	Identification of bHLH family genes in <i>Agaricus bisporus</i> and transcriptional regulation of arginine catabolism-related genes by <i>AbHLH1</i> after harvest. <i>International Journal of Biological Macromolecules</i> , 2023, 226, 496-509.	3.6	3
537	Diverse role of basic Helix-Loop-Helix (bHLH) transcription factor superfamily genes in the fleshy fruit-bearing plant species. <i>Czech Journal of Genetics and Plant Breeding</i> , 2022, 59, 1-13.	0.4	8
539	A novel case of two siblings harbouring homozygous variant in the <i>NEUROG1</i> gene with autism as an additional phenotype: a case report. <i>BMC Neurology</i> , 2023, 23, .	0.8	3
540	Synergistic interaction of two <i>bHLH</i> transcription factors positively regulates artemisinin biosynthetic pathway in <i>Artemisia annua</i> L.. <i>Physiologia Plantarum</i> , 0, , .	2.6	1

#	ARTICLE	IF	CITATIONS
541	Basic Helix-Loop-Helix Transcription Factors: Regulators for Plant Growth Development and Abiotic Stress Responses. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1419.	1.8	8
542	Identification of HubHLH family and key role of HubHLH159 in betalain biosynthesis by activating the transcription of HuADH1, HuCYP76AD1-1, and HuDODA1 in pitaya. <i>Plant Science</i> , 2023, 328, 111595.	1.7	5
543	RcbHLH59-RcPRs module enhances salinity stress tolerance by balancing Na ⁺ /K ⁺ through callose deposition in rose (<i>Rosa chinensis</i>). <i>Horticulture Research</i> , 2023, 10, .	2.9	3
545	Genome-Wide Identification of bHLH Transcription Factor Family in <i>Malus sieversii</i> and Functional Exploration of MsbHLH155.1 Gene under <i>Valsa</i> Canker Infection. <i>Plants</i> , 2023, 12, 620.	1.6	0
546	Novel Roles of SPATULA in the Control of Stomata and Trichome Number, and Anthocyanin Biosynthesis. <i>Plants</i> , 2023, 12, 596.	1.6	1
547	Genome-Wide Identification and Analysis of bHLH Transcription Factors Related to Anthocyanin Biosynthesis in <i>Cymbidium ensifolium</i> . <i>International Journal of Molecular Sciences</i> , 2023, 24, 3825.	1.8	1
548	Characterization of the Passion Fruit (<i>Passiflora edulis</i> Sim) bHLH Family in Fruit Development and Abiotic Stress and Functional Analysis of PebHLH56 in Cold Stress. <i>Horticulturae</i> , 2023, 9, 272.	1.2	4
550	Comprehensive Analysis of bHLH Transcription Factors in <i>Ipomoea aquatica</i> and Its Response to Anthocyanin Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5652.	1.8	3
551	<i>PagUNE12</i> encodes a basic helix-loop-helix transcription factor that regulates the development of secondary vascular tissue in poplar. <i>Plant Physiology</i> , 2023, 192, 1046-1062.	2.3	2
553	Antigen-specificity measurements are the key to understanding T cell responses. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2