

# Antonio Baldini

## List of Publications by Year in descending order

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173  
papers

13,461  
citations

26567

56  
h-index

23472

111  
g-index

184  
all docs

184  
docs citations

184  
times ranked

10645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tbx1 haploinsufficiency in the DiGeorge syndrome region causes aortic arch defects in mice. <i>Nature</i> , 2001, 410, 97-101.	13.7	940
2	p57KIP2, a structurally distinct member of the p21CIP1 Cdk inhibitor family, is a candidate tumor suppressor gene. <i>Genes and Development</i> , 1995, 9, 650-662.	2.7	846
3	Missense mutations abolishing DNA binding of the osteoblast-specific transcription factor OSF2/CBFA1 in cleidocranial dysplasia. <i>Nature Genetics</i> , 1997, 16, 307-310.	9.4	548
4	Improved telomere detection using a telomere repeat probe (TTAGGG) generated by PCR. <i>Nucleic Acids Research</i> , 1991, 19, 4780-4780.	6.5	524
5	Mutations in LMX1B cause abnormal skeletal patterning and renal dysplasia in nail patella syndrome. <i>Nature Genetics</i> , 1998, 19, 47-50.	9.4	471
6	Simultaneous visualization of seven different DNA probes by in situ hybridization using combinatorial fluorescence and digital imaging microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 1388-1392.	3.3	403
7	Congenital heart disease in mice deficient for the DiGeorge syndrome region. <i>Nature</i> , 1999, 401, 379-383.	13.7	365
8	Tbx1 has a dual role in the morphogenesis of the cardiac outflow tract. <i>Development (Cambridge)</i> , 2004, 131, 3217-3227.	1.2	348
9	Origin of human chromosome 2: an ancestral telomere-telomere fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 9051-9055.	3.3	335
10	A pivotal role for endogenous TGF-beta-activated kinase-1 in the LKB1/AMP-activated protein kinase energy-sensor pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17378-17383.	3.3	321
11	Tbx1 mutation causes multiple cardiovascular defects and disrupts neural crest and cranial nerve migratory pathways. <i>Human Molecular Genetics</i> , 2002, 11, 915-922.	1.4	305
12	A genetic link between Tbx1 and fibroblast growth factor signaling. <i>Development (Cambridge)</i> , 2002, 129, 4605-4611.	1.2	245
13	Human Acetyl-CoA Carboxylase 2. <i>Journal of Biological Chemistry</i> , 1997, 272, 10669-10677.	1.6	199
14	Mesodermal expression of Tbx1 is necessary and sufficient for pharyngeal arch and cardiac outflow tract development. <i>Development (Cambridge)</i> , 2006, 133, 3587-3595.	1.2	184
15	Canonical Wnt signaling functions in second heart field to promote right ventricular growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9319-9324.	3.3	176
16	Subepicardial endothelial cells invade the embryonic ventricle wall to form coronary arteries. <i>Cell Research</i> , 2013, 23, 1075-1090.	5.7	176
17	Human acetyl-CoA carboxylase: characterization, molecular cloning, and evidence for two isoforms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 4011-4015.	3.3	168
18	DOC-2, a candidate tumor suppressor gene in human epithelial ovarian cancer. <i>Oncogene</i> , 1998, 16, 2381-2387.	2.6	163

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Nature, 1999, 401, 379-383.	13.7	147
20	Isolation of a putative transcriptional regulator from the region of 22q11 deleted in DiGeorge syndrome, Shprintzen syndrome and familial congenital heart disease. Human Molecular Genetics, 1993, 2, 2099-2107.	1.4	140
21	Mice deleted for the DiGeorge/velocardiofacial syndrome region show abnormal sensorimotor gating and learning and memory impairments. Human Molecular Genetics, 2001, 10, 2645-2650.	1.4	140
22	Dimeric structure of a human apolipoprotein B mRNA editing protein and cloning and chromosomal localization of its gene.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8522-8526.	3.3	139
23	<i>Tbx1</i> Regulates Proliferation and Differentiation of Multipotent Heart Progenitors. Circulation Research, 2009, 105, 842-851.	2.0	138
24	Interchromosomal duplications of the adrenoleukodystrophy locus: a phenomenon of pericentromeric plasticity. Human Molecular Genetics, 1997, 6, 991-1002.	1.4	137
25	Duplication of a gene-rich cluster between 16p11.1 and Xq28: a novel pericentromeric-directed mechanism for paralogous genome evolution. Human Molecular Genetics, 1996, 5, 899-912.	1.4	136
26	Identification of a Gene That Reverses the Immortal Phenotype of a Subset of Cells and Is a Member of a Novel Family of Transcription Factor-Like Genes. Molecular and Cellular Biology, 1999, 19, 1479-1485.	1.1	136
27	Velo-cardio-facial syndrome: Frequency and extent of 22q11 deletions. American Journal of Medical Genetics Part A, 1995, 57, 514-522.	2.4	134
28	Timed mutation and cell-fate mapping reveal reiterated roles of Tbx1 during embryogenesis, and a crucial function during segmentation of the pharyngeal system via regulation of endoderm expansion. Development (Cambridge), 2005, 132, 4387-4395.	1.2	131
29	Dissecting contiguous gene defects: TBX1. Current Opinion in Genetics and Development, 2005, 15, 279-284.	1.5	127
30	Submicroscopic deletions at 22q11.2: Variability of the clinical picture and delineation of a commonly deleted region. American Journal of Medical Genetics Part A, 1995, 56, 191-197.	2.4	125
31	Tbx1 expression in pharyngeal epithelia is necessary for pharyngeal arch artery development. Development (Cambridge), 2005, 132, 5307-5315.	1.2	116
32	In situ hybridization banding of human chromosomes with Alu-PCR products: A simultaneous karyotype for gene mapping studies. Genomics, 1991, 9, 770-774.	1.3	115
33	Effects of individual segmental trisomies of human chromosome 21 syntenic regions on hippocampal long-term potentiation and cognitive behaviors in mice. Brain Research, 2010, 1366, 162-171.	1.1	114
34	TBX1 is required for inner ear morphogenesis. Human Molecular Genetics, 2003, 12, 2041-2048.	1.4	110
35	Transcriptional Control in Cardiac Progenitors: Tbx1 Interacts with the BAF Chromatin Remodeling Complex and Regulates Wnt5a. PLoS Genetics, 2012, 8, e1002571.	1.5	109
36	The gene for a human microfibril-associated glycoprotein is commonly deleted in Smith-Magenis syndrome patients. Human Molecular Genetics, 1995, 4, 589-597.	1.4	107

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37	In vivo response to high-resolution variation of Tbx1 mRNA dosage. <i>Human Molecular Genetics</i> , 2007, 17, 150-157.	1.4	105
38	A Genetic Etiology for Interruption of the Aortic Arch Type B. <i>American Journal of Cardiology</i> , 1997, 80, 493-497.	0.7	103
39	A genetic link between Tbx1 and fibroblast growth factor signaling. <i>Development (Cambridge)</i> , 2002, 129, 4605-11.	1.2	102
40	Microphthalmia with linear skin defects (MLS) syndrome: Clinical, cytogenetic, and molecular characterization. <i>American Journal of Medical Genetics Part A</i> , 1994, 49, 229-234.	2.4	100
41	Cyp26 genes a1, b1 and c1 are down-regulated in Tbx1 null mice and inhibition of Cyp26 enzyme function produces a phenocopy of DiGeorge Syndrome in the chick. <i>Human Molecular Genetics</i> , 2006, 15, 3394-3410.	1.4	98
42	A fate map of Tbx1 expressing cells reveals heterogeneity in the second cardiac field. <i>Genesis</i> , 2007, 45, 470-475.	0.8	97
43	Pitx2 promotes development of splanchnic mesoderm-derived branchiomeric muscle. <i>Development (Cambridge)</i> , 2006, 133, 4891-4899.	1.2	94
44	Molecular Cytogenetic Characterization of the DiGeorge Syndrome Region Using Fluorescence in Situ Hybridization. <i>Genomics</i> , 1993, 17, 403-407.	1.3	91
45	Recovery from arterial growth delay reduces penetrance of cardiovascular defects in mice deleted for the DiGeorge syndrome region. <i>Human Molecular Genetics</i> , 2001, 10, 997-1002.	1.4	90
46	Low-copy-number repeat sequences flank the DiGeorge/velo-cardio-facial syndrome loci at 22q11. <i>Human Molecular Genetics</i> , 1993, 2, 191-196.	1.4	88
47	A human chromosome 9-specific alphoid DNA repeat spatially resolvable from satellite 3 DNA by fluorescent in situ hybridization. <i>Genomics</i> , 1991, 9, 517-523.	1.3	87
48	Microarray analysis detects differentially expressed genes in the pharyngeal region of mice lacking Tbx1. <i>Developmental Biology</i> , 2005, 285, 554-569.	0.9	86
49	Tbx1 Regulates the BMP-Smad1 Pathway in a Transcription Independent Manner. <i>PLoS ONE</i> , 2009, 4, e6049.	1.1	80
50	Tbx1 regulates <i>Vegfr3</i> and is required for lymphatic vessel development. <i>Journal of Cell Biology</i> , 2010, 189, 417-424.	2.3	74
51	Human Genes Encoding the Voltage-Dependent Anion Channel (VDAC) of the Outer Mitochondrial Membrane: Mapping and Identification of Two New Isoforms. <i>Genomics</i> , 1994, 20, 62-67.	1.3	72
52	Tbx1 regulation of myogenic differentiation in the limb and cranial mesoderm. <i>Developmental Dynamics</i> , 2007, 236, 353-363.	0.8	68
53	Duplication 3q syndrome: Molecular delineation of the critical region. <i>American Journal of Medical Genetics Part A</i> , 1995, 55, 33-37.	2.4	66
54	DiGeorge syndrome: an update. <i>Current Opinion in Cardiology</i> , 2004, 19, 201-204.	0.8	66

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55	Rebalancing gene haploinsufficiency in vivo by targeting chromatin. <i>Nature Communications</i> , 2016, 7, 11688.	5.8	66
56	DiGeorge syndrome: the use of model organisms to dissect complex genetics. <i>Human Molecular Genetics</i> , 2002, 11, 2363-2369.	1.4	63
57	Fgf15 is required for proper morphogenesis of the mouse cardiac outflow tract. <i>Genesis</i> , 2005, 41, 192-201.	0.8	59
58	Chromosomal assignment of human YAC clones by fluorescence in Situ hybridization: Use of single-yeast-colony PCR and multiple labeling. <i>Genomics</i> , 1992, 14, 181-184.	1.3	56
59	An alphoid DNA sequence conserved in all human and great ape chromosomes: evidence for ancient centromeric sequences at human chromosomal regions 2q21 and 9q13. <i>Human Genetics</i> , 1993, 90, 577-83.	1.8	56
60	Tbx1. <i>Current Topics in Developmental Biology</i> , 2017, 122, 223-243.	1.0	56
61	Tbx1 regulates population, proliferation and cell fate determination of otic epithelial cells. <i>Developmental Biology</i> , 2007, 302, 670-682.	0.9	54
62	Multiple variants in subtelomeric regions of normal karyotypes. <i>Genomics</i> , 1992, 14, 1019-1025.	1.3	52
63	Mouse Models for Down Syndrome-Associated Developmental Cognitive Disabilities. <i>Developmental Neuroscience</i> , 2011, 33, 404-413.	1.0	52
64	The Human Tissue Transglutaminase Gene Maps on Chromosome 20q12 by in Situ Fluorescence Hybridization. <i>Genomics</i> , 1994, 20, 295-297.	1.3	51
65	Human Very-Low-Density Lipoprotein Receptor Complementary DNA and Deduced Amino Acid Sequence and Localization of Its Gene (VLDLR) to Chromosome Band 9p24 by Fluorescence in Situ Hybridization. <i>Genomics</i> , 1994, 20, 298-300.	1.3	51
66	Peroxisome Proliferator-Activated Receptor- $\gamma$ Upregulates 14-3-3 $\mu$ in Human Endothelial Cells via CCAAT/Enhancer Binding Protein- $\beta$ . <i>Circulation Research</i> , 2007, 100, e59-71.	2.0	49
67	Quantification by flow cytometry of chromosome-17 deletions in Smith-Magenis syndrome patients. <i>Human Genetics</i> , 1996, 98, 710-718.	1.8	47
68	Fgf8 expression in the Tbx1 domain causes skeletal abnormalities and modifies the aortic arch but not the outflow tract phenotype of Tbx1 mutants. <i>Developmental Biology</i> , 2006, 295, 559-570.	0.9	47
69	Early thyroid development requires a Tbx1-Fgf8 pathway. <i>Developmental Biology</i> , 2009, 328, 109-117.	0.9	47
70	Genetic analysis of Down syndrome-associated heart defects in mice. <i>Human Genetics</i> , 2011, 130, 623-632.	1.8	47
71	TBX1 protein interactions and microRNA-96-5p regulation controls cell proliferation during craniofacial and dental development: implications for 22q11.2 deletion syndrome. <i>Human Molecular Genetics</i> , 2015, 24, 2330-2348.	1.4	47
72	A Transcription Map in the CATCH22 Critical Region: Identification, Mapping, and Ordering of Four Novel Transcripts Expressed in Heart. <i>Genomics</i> , 1996, 32, 104-112.	1.3	45

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73	Comparative mapping of the DiGeorge syndrome region in mouse shows inconsistent gene order and differential degree of gene conservation. <i>Mammalian Genome</i> , 1997, 8, 890-895.	1.0	44
74	14-3-3 $\mu$ Plays a Role in Cardiac Ventricular Compaction by Regulating the Cardiomyocyte Cell Cycle. <i>Molecular and Cellular Biology</i> , 2012, 32, 5089-5102.	1.1	44
75	Gene-environment interaction impacts on heart development and embryo survival. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	43
76	Isolation and Chromosomal Mapping of Genomic Clones Encoding the Human Fatty Acid Synthase Gene. <i>Genomics</i> , 1994, 23, 420-424.	1.3	42
77	A human alphoid DNA clone from the EcoRI dimeric family: Genomic and internal organization and chromosomal assignment. <i>Genomics</i> , 1989, 5, 822-828.	1.3	41
78	A Human Homologue of the Drosophila Polarity Gene frizzled Has Been Identified and Mapped to 17q21.1. <i>Genomics</i> , 1995, 27, 370-373.	1.3	40
79	Congenital heart disease and genetic syndromes: new insights into molecular mechanisms. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 861-870.	1.5	39
80	Tbx1 is a negative modulator of Mef2c. <i>Human Molecular Genetics</i> , 2012, 21, 2485-2496.	1.4	38
81	Cloning and mapping of the mouse $\alpha$ 7-neuronal nicotinic acetylcholine receptor. <i>Genomics</i> , 1995, 26, 399-402.	1.3	36
82	Tbx1 regulates progenitor cell proliferation in the dental epithelium by modulating Pitx2 activation of p21. <i>Developmental Biology</i> , 2010, 347, 289-300.	0.9	36
83	Cardiopharyngeal mesoderm origins of musculoskeletal and connective tissues in the mammalian pharynx. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	36
84	De novo tandem duplication of chromosome segment 22q11-q12: Clinical, cytogenetic, and molecular characterization. <i>American Journal of Medical Genetics Part A</i> , 1995, 56, 296-299.	2.4	35
85	DiGeorge's syndrome: a gene at last. <i>Lancet, The</i> , 2003, 362, 1342-1343.	6.3	35
86	Gain of function of <i>Tbx1</i> affects pharyngeal and heart development in the mouse. <i>Genesis</i> , 2009, 47, 188-195.	0.8	35
87	A chimpanzee-derived chromosome-specific alpha satellite DNA sequence conserved between chimpanzee and human. <i>Chromosoma</i> , 1991, 100, 156-161.	1.0	34
88	Mapping Human YAC Clones by Fluorescence In Situ Hybridization Using Ah-PCR from Single Yeast Colonies. , 1994, 33, 75-84.		32
89	Identification of a Putative Regulatory Subunit of a Calcium-Activated Potassium Channel in the dup(3q) Syndrome Region and a Related Sequence on 22q11.2. <i>Genomics</i> , 1999, 62, 90-94.	1.3	32
90	Congenital heart defects and 22q11 deletions: which genes count?. <i>Trends in Molecular Medicine</i> , 1998, 4, 350-357.	2.6	31

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91	p53 suppression partially rescues the mutant phenotype in mouse models of DiGeorge syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13385-13390.	3.3	31
92	Single cell multi-omic analysis identifies a Tbx1-dependent multilineage primed population in murine cardiopharyngeal mesoderm. <i>Nature Communications</i> , 2021, 12, 6645.	5.8	31
93	Genetic pathways to mammalian heart development: Recent progress from manipulation of the mouse genome. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 77-83.	2.3	30
94	Tbx1 regulates extracellular matrix-cell interactions in the second heart field. <i>Human Molecular Genetics</i> , 2019, 28, 2295-2308.	1.4	30
95	A new method for identification of <i>Trichomonas vaginalis</i> by fluorescent DNA in situ hybridization. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1018-1022.	1.8	30
96	ES2, a gene deleted in DiGeorge syndrome, encodes a nuclear protein and is expressed during early mouse development, where it shares an expression domain with a Goosecoid-like gene. <i>Human Molecular Genetics</i> , 1998, 7, 629-635.	1.4	28
97	Chromosome-specific subsets of human alphoid DNA identified by a chromosome 2-derived clone. <i>Genomics</i> , 1990, 8, 705-709.	1.3	27
98	Cloning and comparative mapping of a gene from the commonly deleted region of DiGeorge and Velocardiofacial syndromes conserved in <i>C. elegans</i> . <i>Mammalian Genome</i> , 1996, 7, 639-643.	1.0	27
99	Microarray analysis of the Df1 mouse model of the 22q11 deletion syndrome. <i>Human Genetics</i> , 2005, 116, 486-496.	1.8	27
100	FRA2B is distinct from inverted telomere repeat arrays at 2q13. <i>Genomics</i> , 1992, 12, 833-835.	1.3	26
101	Characterization and Physical Mapping in Human and Mouse of a Novel RING Finger Gene in Xp22. <i>Genomics</i> , 1998, 51, 251-261.	1.3	26
102	Functional analysis of Gscl in the pathogenesis of the DiGeorge and velocardiofacial syndromes. <i>Human Molecular Genetics</i> , 1998, 7, 1835-1840.	1.4	26
103	Coronary stem development in wild-type and <i>Tbx1</i> null mouse hearts. <i>Developmental Dynamics</i> , 2016, 245, 445-459.	0.8	26
104	Relationship between the number and function of human ribosomal genes. <i>Human Genetics</i> , 1988, 79, 301-304.	1.8	25
105	Transcription Factor TBX1 Overexpression Induces Downregulation of Proteins Involved in Retinoic Acid Metabolism: A Comparative Proteomic Analysis. <i>Journal of Proteome Research</i> , 2009, 8, 1515-1526.	1.8	25
106	Smith-Magenis syndrome deletion: A case with equivocal cytogenetic findings resolved by fluorescence in situ hybridization. <i>American Journal of Medical Genetics Part A</i> , 1995, 58, 286-291.	2.4	24
107	Deficiencies in the region syntenic to human 21q22.3 cause cognitive deficits in mice. <i>Mammalian Genome</i> , 2010, 21, 258-267.	1.0	24
108	Fate map of serotonin transporter-expressing cells in developing mouse heart. <i>Genesis</i> , 2007, 45, 689-695.	0.8	23

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109	A defect in early myogenesis causes Otitis media in two mouse models of 22q11.2 Deletion Syndrome. <i>Human Molecular Genetics</i> , 2015, 24, 1869-1882.	1.4	23
110	Cytologic demonstration of differential activity of rRNA gene clusters in different human tissues. <i>Human Genetics</i> , 1985, 69, 212-217.	1.8	22
111	Structure and expression of the human ubiquitin fusionâ€“degradation gene (UFD1L). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1396, 158-162.	2.4	22
112	Partial rescue of the Tbx1 mutant heart phenotype by Fgf8: Genetic evidence of impaired tissue response to Fgf8. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 836-840.	0.9	22
113	Mosaicism for del(17) (p11.2p11.2) underlying the Smith-Magenis syndrome. <i>American Journal of Medical Genetics Part A</i> , 1996, 66, 193-196.	2.4	21
114	DiGeorge anomaly and chromosome 10p deletions: One or two loci?. , 1997, 73, 72-75.		21
115	The 22q11.2 Deletion Syndrome: A Gene Dosage Perspective. <i>Scientific World Journal</i> , The, 2006, 6, 1881-1887.	0.8	21
116	Three members of the human cystatin gene superfamily, AHSG, HRG, and KNC, map within one megabase of genomic DNA at 3q27. <i>Cytogenetic and Genome Research</i> , 1995, 70, 26-28.	0.6	20
117	Apparent mosaicism for del(17)(p11.2) ruled out by fluorescence in situ hybridization in a Smith-Magenis syndrome patient. <i>American Journal of Medical Genetics Part A</i> , 1995, 59, 406-407.	2.4	20
118	Isolation and comparative mapping of a human chromosome 20-specific Î±-satellite DNA clone. <i>Cytogenetic and Genome Research</i> , 1992, 59, 12-16.	0.6	19
119	Selection of a human chromosome 21 enriched YAC subâ€“library using a chromosomeâ€“specific composite probe. <i>Nature Genetics</i> , 1992, 1, 284-290.	9.4	19
120	The Human Transaldolase Gene (TALDO1) Is Located on Chromosome 11 at p15.4â€“p15.5. <i>Genomics</i> , 1997, 45, 233-238.	1.3	18
121	A Deficiency in the Region Homologous to Human 17q21.33â€“q23.2 Causes Heart Defects in Mice. <i>Genetics</i> , 2006, 173, 297-307.	1.2	18
122	MULTIPRINS: a method for multicolour primed in situ labelling. <i>Chromosome Research</i> , 1993, 1, 257-260.	1.0	17
123	Cloning and comparative mapping of recently evolved human chromosome 22-specific alpha satellite DNA. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 443-448.	0.7	17
124	Isolation of chromosome-specific genes by reciprocal probing of arrayed cDNA and cosmid libraries. <i>Human Molecular Genetics</i> , 1995, 4, 1373-1380.	1.4	17
125	LIS2, Gene and Pseudogene, Homologous to LIS1 (Lissencephaly 1), Located on the Short and Long Arms of Chromosome 2. <i>Genomics</i> , 1995, 30, 251-256.	1.3	17
126	Cloning and chromosome mapping of human and chicken Iroquois (IRX) genes. <i>Cytogenetic and Genome Research</i> , 2001, 92, 320-325.	0.6	17



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127	Generating and modifying DiGeorge syndrome-like phenotypes in model organisms: is there a common genetic pathway?. <i>Trends in Genetics</i> , 2003, 19, 588-593.	2.9	17
128	Ece1 andTbx1 define distinct pathways to aortic arch morphogenesis. <i>Developmental Dynamics</i> , 2003, 228, 95-104.	0.8	17
129	In vivo genetic ablation of the periotic mesoderm affects cell proliferation survival and differentiation in the cochlea. <i>Developmental Biology</i> , 2007, 310, 329-340.	0.9	17
130	Ordered mapping of three alpha satellite DNA subsets on human chromosome 22. <i>Chromosome Research</i> , 1995, 3, 124-127.	1.0	16
131	A mouse gene (Dgcr&beta;) related to the Drosophila gonadal gene is expressed in early embryogenesis and is the homolog of a human gene deleted in DiGeorge syndrome. <i>Cytogenetic and Genome Research</i> , 1997, 79, 243-247.	0.6	16
132	Vitamin B12 ameliorates the phenotype of a mouse model of DiGeorge syndrome. <i>Human Molecular Genetics</i> , 2016, 25, ddw267.	1.4	16
133	TBX1 and Basal Cell Carcinoma: Expression and Interactions with Gli2 and Dvl2 Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 607.	1.8	16
134	Localization of acyl coenzyme A:cholesterol acyltransferase gene to human chromosome 1q25. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 71-74.	0.7	15
135	Telomeric sequences of <i>Asellus aquaticus</i> (Crust. Isop.). <i>Heredity</i> , 1994, 72, 78-80.	1.2	15
136	Comparative mapping of a gorilla-derived alpha satellite DNA clone on great ape and human chromosomes. <i>Chromosoma</i> , 1991, 101, 109-114.	1.0	14
137	Mapping on Human and Mouse Chromosomes of the Gene for the $\beta^2$ -Galactoside-Binding Protein, an Autocrine-Negative Growth Factor. <i>Genomics</i> , 1993, 15, 216-218.	1.3	14
138	Methylation of the 5' flanking sequences of the ribosomal DNA in human cell lines and in a human-hamster hybrid cell line. <i>Journal of Cellular Biochemistry</i> , 1992, 50, 357-362.	1.2	13
139	Manipulation of endogenous regulatory elements and transgenic analyses of the Tbx1 gene. <i>Mammalian Genome</i> , 2010, 21, 556-564.	1.0	13
140	Left pulmonary artery in 22q11.2 deletion syndrome. Echocardiographic evaluation in patients without cardiac defects and role of Tbx1 in mice. <i>PLoS ONE</i> , 2019, 14, e0211170.	1.1	13
141	Genetic Dissection of the DiGeorge Syndrome Phenotype. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2002, 67, 327-332.	2.0	13
142	22q11 deletions and cardiac disease. <i>Progress in Pediatric Cardiology</i> , 1996, 6, 19-28.	0.2	12
143	Is the genetic basis of DiGeorge syndrome in HAND?. <i>Nature Genetics</i> , 1999, 21, 246-247.	9.4	12
144	Conditional and constitutive expression of a Tbx1-GFP fusion protein in mice. <i>BMC Developmental Biology</i> , 2013, 13, 33.	2.1	12

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145	A dual role for <i>Tbx1</i> in cardiac lymphangiogenesis through genetic interaction with <i>Vegfr3</i> . <i>FASEB Journal</i> , 2020, 34, 15062-15079.	0.2	11
146	<i>Tbx1</i> represses <i>Mef2c</i> gene expression and is correlated with histone 3 deacetylation of the anterior heart field enhancer. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	10
147	<i>TBX1</i> Represses <i>Vegfr2</i> Gene Expression and Enhances the Cardiac Fate of <i>VEGFR2+</i> Cells. <i>PLoS ONE</i> , 2015, 10, e0138525.	1.1	10
148	Subchromosomal Band Interval Mapping and Ordering of DNA Markers in the Region 3q26.3-q27 Involved in the Dup(3q) Syndrome. <i>Genomics</i> , 1994, 24, 580-582.	1.3	9
149	Localization of <i>BRRN1</i> , the Human Homologue of <i>Drosophila</i> <i>barr</i> , to 2q11.2. <i>Genomics</i> , 1997, 46, 311-313.	1.3	9
150	Laron Dwarfism: Cellular Unresponsiveness to GH Demonstrated on Cultured Lymphocytes by a Cytochemical Method. <i>Hormone and Metabolic Research</i> , 1988, 20, 450-452.	0.7	8
151	An oligonucleotide probe specific to the centromeric region of human chromosome 5. <i>Genomics</i> , 1993, 18, 729-731.	1.3	8
152	Concurrent mapping of an adenovirus 5/SV40 integration site and the U1 snRNA Cluster ( <i>RNU1</i> ) within 400 kb of the chromosome region 1p36.1. <i>Cytogenetic and Genome Research</i> , 1994, 67, 37-40.	0.6	8
153	Genetic and Physical Mapping of a Voltage-Dependent Chloride Channel Gene to Human 4q32 and to Mouse 8. <i>Genomics</i> , 1996, 36, 374-376.	1.3	8
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