Jonathan Epstein

List of Articles by Year
in descending order

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211 peer-reviewed articles	21,505 peer-reviewed citations	4405 84 peer-reviewed h-index	50545 6.85 score
248 documents	27956 doc citations	4680 90 h-index	47795 citing authors

#	Article	IF	Citations
1	Growth factor–induced activation of MSK2 leads to phosphorylation of H3K9me2S10 and corresponding changes in gene expression. Science Advances, 2024, 10, .	8.1	7
2	Immunomodulatory Therapy for Ischemic Heart Disease. Circulation, 2024, 150, 1050-1058.	13.1	25
3	Uniting Disciplines to Develop Therapeutics: Targeted mRNA Lipid Nanoparticles Reprogram the Immune System In Vivo to Treat Heart Disease. DNA and Cell Biology, 2022, 41, 539-543.	1.7	12
4	β-Hydroxybutyrate suppresses colorectal cancer. Nature, 2022, 605, 160-165.	30.7	315
5	Assaying fibroblast activation protein (FAP) expression in vivo and in vitro for possible targeting with chimeric antigen receptor (CAR) T cells. FASEB Journal, 2022, 36, .	2.3	0
6	SARS-CoV-2 spike protein binding selectively accelerates substrate-specific catalytic activity of ACE2. Journal of Biochemistry, 2021, 170, 299-306.	1.4	19
7	Immune Cells and Immunotherapy for Cardiac Injury and Repair. Circulation Research, 2021, 128, 1766-1779.	8.6	244
8	The nuclear periphery is a scaffold for tissue-specific enhancers. Nucleic Acids Research, 2021, 49, 6181-6195.	10.7	44
9	Effect of Opt-In vs Opt-Out Framing on Enrollment in a COVID-19 Surveillance Testing Program. JAMA Network Open, 2021, 4, e2112434.	5.2	6
10	Global chromatin relabeling accompanies spatial inversion of chromatin in rod photoreceptors. Science Advances, 2021, 7, .	8.1	30
11	What's Important: Reopening Lessons from the Big Leagues' Experiences with COVID-19. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1-3.	2.5	2
12	Landscape of Hopx expression in cells of the immune system. Heliyon, 2021, 7, e08311.	2.4	7
13	Histone methyltransferase activity programs nuclear peripheral genome positioning. Developmental Biology, 2020, 466, 90-98.	1.3	25
14	An Engineered Mouse to Identify Proliferating Cells and Their Derivatives. Frontiers in Cell and Developmental Biology, 2020, 8, .	2.8	3
15	Teasing the Immune System to Repair the Heart. New England Journal of Medicine, 2020, 382, 1660-1662.	26.4	8
16	Targeting cardiac fibrosis with engineered T cells. Nature, 2019, 573, 430-433.	30.7	761
17	Lineage-specific reorganization of nuclear peripheral heterochromatin and H3K9me2 domains. Development (Cambridge), 2019, 146, .	2.1	27
18	A Common Embryonic Origin of Stem Cells Drives Developmental and Adult Neurogenesis. Cell, 2019, 177, 654-668.e15.	23.4	273

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19	Semaphorin 3E/PlexinD1 signaling is required for cardiac ventricular compaction. JCI Insight, 2019, 4, .	3.7	41
20	Competent for commitment: you've got to have heart!. Genes and Development, 2018, 32, 4-13.	2.8	11
21	Endocardial Hippo signaling regulates myocardial growth and cardiogenesis. Developmental Biology, 2018, 440, 22-30.	1.3	40
22	Zinc transporter Slc39a8 is essential for cardiac ventricular compaction. Journal of Clinical Investigation, 2018, 128, 826-833.	6.6	54
23	Foxa2 identifies a cardiac progenitor population with ventricular differentiation potential. Nature Communications, 2017, 8, .	10.8	93
24	Genome-Nuclear Lamina Interactions Regulate Cardiac Stem Cell Lineage Restriction. Cell, 2017, 171, 573-587.e14.	23.4	235
25	A radial axis defined by semaphorin-to-neuropilin signaling controls pancreatic islet morphogenesis. Development (Cambridge), 2017, 144, 3744-3754.	2.1	38
26	Chromatin and Transcriptional Analysis of Mesoderm Progenitor Cells Identifies HOPX as a Regulator of Primitive Hematopoiesis. Cell Reports, 2017, 20, 1597-1608.	4.4	58
27	Intestinal Enteroendocrine Lineage Cells Possess Homeostatic and Injury-Inducible Stem Cell Activity. Cell Stem Cell, 2017, 21, 78-90.e6.	11.6	372
28	Epicardial YAP/TAZ orchestrate an immunosuppressive response following myocardial infarction. Journal of Clinical Investigation, 2017, 127, 899-911.	6.6	165
29	Mapping the Pairwise Choices Leading from Pluripotency to Human Bone, Heart, and Other Mesoderm Cell Types. Cell, 2016, 166, 451-467.	23.4	506
30	Coronary vasculature patterning requires a novel endothelial ErbB2 holoreceptor. Nature Communications, 2016, 7, .	10.8	40
31	Strategic Transformation of Population Studies: Recommendations of the Working Group on Epidemiology and Population Sciences From the National Heart, Lung, and Blood Advisory Council and Board of External Experts. American Journal of Epidemiology, 2015, 181, 363-368.	2.4	36
32	De novo mutations in PLXND1 and REV3L cause Möbius syndrome. Nature Communications, 2015, 6, .	10.8	100
33	Roger et al. Respond to "Future of Population Studies". American Journal of Epidemiology, 2015, 181, 372-373.	2.4	3
34	Circadian control of bile acid synthesis by a KLF15-Fgf15 axis. Nature Communications, 2015, 6, .	10.8	81
35	The Genetic Landscape of Hematopoietic Stem Cell Frequency in Mice. Stem Cell Reports, 2015, 5, 125-138.	3.0	25
36	Integration of Bmp and Wnt signaling by Hopx specifies commitment of cardiomyoblasts. Science, 2015, 348, .	26.1	152

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37	Plexin D1 determines body fat distribution by regulating the type V collagen microenvironment in visceral adipose tissue. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4363-4368.	5.2	74
38	Plasticity of Hopx+ type I alveolar cells to regenerate type II cells in the lung. Nature Communications, 2015, 6, .	10.8	302
39	Hopx distinguishes hippocampal from lateral ventricle neural stem cells. Stem Cell Research, 2015, 15, 522-529.	0.3	56
40	Hippo signaling is required for Notch-dependent smooth muscle differentiation of neural crest. Development (Cambridge), 2015, , .	2.1	85
41	Semaphorin 3d and Semaphorin 3e Direct Endothelial Motility through Distinct Molecular Signaling Pathways. Journal of Biological Chemistry, 2014, 289, 17971-17979.	1.3	67
42	Genetic dissection of plexin signaling in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2194-2199.	5.2	66
43	Pax3 and Hippo Signaling Coordinate Melanocyte Gene Expression in Neural Crest. Cell Reports, 2014, 9, 1885-1895.	4.4	58
44	Single-Cell Analysis of Proxy Reporter Allele-Marked Epithelial Cells Establishes Intestinal Stem Cell Hierarchy. Stem Cell Reports, 2014, 3, 876-891.	3.0	103
45	The Notch1 transcriptional activation domain is required for development and reveals a novel role for Notch1 signaling in fetal hematopoietic stem cells. Genes and Development, 2014, 28, 576-593.	2.8	55
46	β-catenin regulates Pax3 and Cdx2 for caudal neural tube closure and elongation. Development (Cambridge), 2014, 141, 148-157.	2.1	85
47	The sinus venosus contributes to coronary vasculature through VEGFC-stimulated angiogenesis. Development (Cambridge), 2014, 141, 4500-4512.	2.1	226
48	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. Cell Stem Cell, 2014, 15, 123-138.	11.6	885
49	Inhibition of TGFβ Signaling Increases Direct Conversion of Fibroblasts to Induced Cardiomyocytes. PLoS ONE, 2014, 9, e89678.	1.5	171
50	Induced regeneration—the progress and promise of direct reprogramming for heart repair. Nature Medicine, 2013, 19, 829-836.	22.6	85
51	Optimization of direct fibroblast reprogramming to cardiomyocytes using calcium activity as a functional measure of success. Journal of Molecular and Cellular Cardiology, 2013, 60, 97-106.	2.7	235
52	Semaphorin 3d signaling defects are associated with anomalous pulmonary venous connections. Nature Medicine, 2013, 19, 760-765.	22.6	78
53	Murine craniofacial development requires Hdac3-mediated repression of Msx gene expression. Developmental Biology, 2013, 377, 333-344.	1.3	40
54	Molecular Determinants of Lung Development. Annals of the American Thoracic Society, 2013, 10, S12-S16.	2.1	84

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55	An Epigenetic Roadmap for Cardiomyocyte Differentiation. Circulation Research, 2013, 112, 881-883.	8.6	4
56	Hopx expression defines a subset of multipotent hair follicle stem cells and a progenitor population primed to give rise to K6+ niche cells. Development (Cambridge), 2013, 140, 1655-1664.	2.1	74
57	Plxnd1 Expression in Thymocytes Regulates Their Intrathymic Migration While That in Thymic Endothelium Impacts Medullary Topology. Frontiers in Immunology, 2013, 4, .	3.3	16
58	Resolution of defective dorsal aortae patterning in Sema3E-deficient mice occurs via angiogenic remodeling. Developmental Dynamics, 2013, 242, 580-590.	1.1	28
59	Lgr5 Identifies Progenitor Cells Capable of Taste Bud Regeneration after Injury. PLoS ONE, 2013, 8, e66314.	1.5	79
60	Epicardial Lineages and Cardiac Repair. Journal of Developmental Biology, 2013, 1, 141-158.	1.5	9
61	New approaches under development: cardiovascular embryology applied to heart disease. Journal of Clinical Investigation, 2013, 123, 71-74.	6.6	12
62	Notch Activation of Jagged1 Contributes to the Assembly of the Arterial Wall. Circulation, 2012, 125, 314-323.	13.1	173
63	Zebrafish neurofibromatosis type 1 genes have redundant functions in tumorigenesis and embryonic development. DMM Disease Models and Mechanisms, 2012, , .	1.2	81
64	Trichostatin A Abrogates Airway Constriction, but Not Inflammation, in Murine and Human Asthma Models. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 132-138.	2.1	72
65	A Microfabricated Platform to Measure and Manipulate the Mechanics of Engineered Cardiac Microtissues. Tissue Engineering - Part A, 2012, 18, 910-919.	1.9	407
66	Spin-Labeling Magnetic Resonance Imaging Detects Increased Myocardial Blood Flow After Endothelial Cell Transplantation in the Infarcted Heart. Circulation: Cardiovascular Imaging, 2012, 5, 210-217.	2.4	13
67	Myocardial Notch Signaling Reprograms Cardiomyocytes to a Conduction-Like Phenotype. Circulation, 2012, 126, 1058-1066.	13.1	95
68	Postnatal development- and age-related changes in DNA-methylation patterns in the human genome. Nucleic Acids Research, 2012, 40, 6477-6494.	10.7	53
69	Lymphatic endothelial progenitors bud from the cardinal vein and intersomitic vessels in mammalian embryos. Blood, 2012, 120, 2340-2348.	3.6	229
70	Distinct Compartments of the Proepicardial Organ Give Rise to Coronary Vascular Endothelial Cells. Developmental Cell, 2012, 22, 639-650.	5.3	344
71	Coordinating Tissue Interactions: Notch Signaling in Cardiac Development and Disease. Developmental Cell, 2012, 22, 244-254.	5.3	266
72	Islet1 Derivatives in the Heart Are of Both Neural Crest and Second Heart Field Origin. Circulation Research, 2012, 110, 922-926.	8.6	129

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73	Semaphorin-PlexinD1 Signaling Limits Angiogenic Potential via the VEGF Decoy Receptor sFlt1. Developmental Cell, 2011, 21, 301-314.	5.3	165
74	Homeodomain Only Protein X is down-regulated in human heart failure. Journal of Molecular and Cellular Cardiology, 2011, 50, 1056-1058.	2.7	26
75	Highly Efficient miRNA-Mediated Reprogramming of Mouse and Human Somatic Cells to Pluripotency. Cell Stem Cell, 2011, 8, 376-388.	11.6	1,173
76	Histone Deacetylase 3 Regulates Smooth Muscle Differentiation in Neural Crest Cells and Development of the Cardiac Outflow Tract. Circulation Research, 2011, 109, 1240-1249.	8.6	65
77	MicroRNA-processing Enzyme Dicer Is Required in Epicardium for Coronary Vasculature Development. Journal of Biological Chemistry, 2011, 286, 41036-41045.	1.3	46
78	Diet-induced Lethality Due to Deletion of the Hdac3 Gene in Heart and Skeletal Muscle. Journal of Biological Chemistry, 2011, 286, 33301-33309.	1.3	94
79	Cardiac neural crest orchestrates remodeling and functional maturation of mouse semilunar valves. Journal of Clinical Investigation, 2011, 121, 422-430.	6.6	162
80	Notch signaling regulates murine atrioventricular conduction and the formation of accessory pathways. Journal of Clinical Investigation, 2011, 121, 525-533.	6.6	102
81	Molecular mechanisms of neural crest-related congenital heart disease. FASEB Journal, 2011, 25, .	2.3	0
82	Neural crest and cardiac development. FASEB Journal, 2011, 25, .	2.3	0
83	Notch and cardiac outflow tract development. Annals of the New York Academy of Sciences, 2010, 1188, 184-190.	2.6	52
84	Ash2l interacts with Tbx1 and is required during early embryogenesis. Experimental Biology and Medicine, 2010, 235, 569-576.	2.1	97
85	Foxp1/2/4-NuRD Interactions Regulate Gene Expression and Epithelial Injury Response in the Lung via Regulation of Interleukin-6. Journal of Biological Chemistry, 2010, 285, 13304-13313.	1.3	66
86	Rapid 3D Phenotyping of Cardiovascular Development in Mouse Embryos by Micro-CT With Iodine Staining. Circulation: Cardiovascular Imaging, 2010, 3, 314-322.	2.4	264
87	Oligodendrocyte progenitor cell numbers and migration are regulated by the zebrafish orthologs of the NF1 tumor suppressor gene. Human Molecular Genetics, 2010, 19, 4643-4653.	2.1	50
88	Gata4 and Gata5 Cooperatively Regulate Cardiac Myocyte Proliferation in Mice. Journal of Biological Chemistry, 2010, 285, 1765-1772.	1.3	88
89	Cardiac Development and Implications for Heart Disease. New England Journal of Medicine, 2010, 363, 1638-1647.	26.4	108
90	Hopx and Hdac2 Interact to Modulate Gata4 Acetylation and Embryonic Cardiac Myocyte Proliferation. Developmental Cell, 2010, 19, 450-459.	5.3	151

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91	Hdac1 and Hdac2 Act Redundantly to Control p63 and p53 Functions in Epidermal Progenitor Cells. Developmental Cell, 2010, 19, 807-818.	5.3	252
92	Distinct enhancers at the Pax3 locus can function redundantly to regulate neural tube and neural crest expressions. Developmental Biology, 2010, 339, 519-527.	1.3	54
93	Melanocyte-like cells in the heart and pulmonary veins contribute to atrial arrhythmia triggers. FASEB Journal, 2010, 24, .	2.3	0
94	Lessons of our fathers. Journal of Clinical Investigation, 2010, 120, 2243-2247.	6.6	0
95	Biomarker system for studying muscle, stem cells, and cancer in vivo. FASEB Journal, 2009, 23, 2681-2690.	2.3	133
96	Cardiac and vascular functions of the zebrafish orthologues of the type I neurofibromatosis gene NFI. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22305-22310.	5.2	35
97	Cardiomyocyte Renewal. New England Journal of Medicine, 2009, 361, 86-88.	26.4	75
98	Inpp5f Is a Polyphosphoinositide Phosphatase That Regulates Cardiac Hypertrophic Responsiveness. Circulation Research, 2009, 105, 1240-1247.	8.6	66
99	Cardiomyocyte-Specific Loss of Neurofibromin Promotes Cardiac Hypertrophy and Dysfunction. Circulation Research, 2009, 105, 304-311.	8.6	49
100	Tie2Cre-mediated inactivation of plexinD1 results in congenital heart, vascular and skeletal defects. Developmental Biology, 2009, 325, 82-93.	1.3	99
101	Increased thymus- and decreased parathyroid-fated organ domains in Splotch mutant embryos. Developmental Biology, 2009, 327, 216-227.	1.3	49
102	Menin expression modulates mesenchymal cell commitment to the myogenic and osteogenic lineages. Developmental Biology, 2009, 332, 116-130.	1.3	38
103	Tissue–Tissue Interactions During Morphogenesis of the Outflow Tract. Pediatric Cardiology, 2009, 31, 408-413.	0.6	23
104	Murine Jagged1/Notch signaling in the second heart field orchestrates Fgf8 expression and tissue-tissue interactions during outflow tract development. Journal of Clinical Investigation, 2009, , .	6.6	169
105	Melanocyte-like cells in the heart and pulmonary veins contribute to atrial arrhythmia triggers. Journal of Clinical Investigation, 2009, , .	6.6	79
106	Regulation of survival in adult hippocampal and glioblastoma stem cell lineages by the homeodomain-only protein HOP. Neural Development, 2008, 3, .	0.6	35
107	Cre reporter mouse expressing a nuclear localized fusion of GFP and β-galactosidase reveals new derivatives of Pax3-expressing precursors. Genesis, 2008, 46, 200-204.	0.9	42
108	PlexinD1 Glycoprotein Controls Migration of Positively Selected Thymocytes into the Medulla. Immunity, 2008, 29, 888-898.	16.6	137

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109	Transgenic Overexpression of Hdac3 in the Heart Produces Increased Postnatal Cardiac Myocyte Proliferation but Does Not Induce Hypertrophy. Journal of Biological Chemistry, 2008, 283, 26484-26489.	1.3	111
110	The multifaceted role of Notch in cardiac development and disease. Nature Reviews Genetics, 2008, 9, 49-61.	30.1	288
111	Histone deacetylase inhibition reduces myocardial ischemia-reperfusion injury in mice. FASEB Journal, 2008, 22, 3549-3560.	2.3	277
112	Histone-deacetylase inhibition reverses atrial arrhythmia inducibility and fibrosis in cardiac hypertrophy independent of angiotensin. Journal of Molecular and Cellular Cardiology, 2008, 45, 715-723.	2.7	153
113	A nonclassical bHLH–Rbpj transcription factor complex is required for specification of GABAergic neurons independent of Notch signaling. Genes and Development, 2008, 22, 166-178.	2.8	124
114	Endothelial expression of the Notch ligand Jagged1 is required for vascular smooth muscle development. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1955-1959.	5.2	317
115	Pax3 regulation of FGF signaling affects the progression of embryonic progenitor cells into the myogenic program. Genes and Development, 2008, 22, 1828-1837.	2.8	137
116	Myocardin regulates expression of contractile genes in smooth muscle cells and is required for closure of the ductus arteriosus in mice. Journal of Clinical Investigation, 2008, , .	6.6	132
117	Persistent expression of Pax3 in the neural crest causes cleft palate and defective osteogenesis in mice. Journal of Clinical Investigation, 2008, , .	6.6	62
118	Atlantic City is passé — I'm betting on Chicago. Journal of Clinical Investigation, 2008, 118, 1235-1236.	6.6	1
119	RBP-J (Rbpsuh) is essential to maintain muscle progenitor cells and to generate satellite cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4443-4448.	5.2	223
120	NF1 Regulates a Ras-Dependent Vascular Smooth Muscle Proliferative Injury Response. Circulation, 2007, 116, 2148-2156.	13.1	78
121	Menin is required in cranial neural crest for palatogenesis and perinatal viability. Developmental Biology, 2007, 311, 524-537.	1.3	35
122	Hdac2 regulates the cardiac hypertrophic response by modulating Gsk3β activity. Nature Medicine, 2007, 13, 324-331.	22.6	463
123	An essential role for Notch in neural crest during cardiovascular development and smooth muscle differentiation. Journal of Clinical Investigation, 2007, 117, 353-363.	6.6	256
124	Analysis of the Structure and Function of the Transcriptional Coregulator HOP,. Biochemistry, 2006, 45, 10584-10590.	1.5	31
125	Distinct roles of HF-1b/Sp4 in ventricular and neural crest cells lineages affect cardiac conduction system development. Developmental Biology, 2006, 291, 208-217.	1.3	30
126	N-cadherin is required for neural crest remodeling of the cardiac outflow tract. Developmental Biology, 2006, 299, 517-528.	1.3	73

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127	Hop functions downstream of Nkx2.1 and GATA6 to mediate HDAC-dependent negative regulation of pulmonary gene expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L191-L199.	2.2	79
128	Tbx1 affects asymmetric cardiac morphogenesis by regulating Pitx2 in the secondary heart field. Development (Cambridge), 2006, 133, 1565-1573.	2.1	141
129	Transcriptional Genomics Associates FOX Transcription Factors With Human Heart Failure. Circulation, 2006, 114, 1269-1276.	13.1	266
130	Inhibition of Histone Deacetylation Blocks Cardiac Hypertrophy Induced by Angiotensin II Infusion and Aortic Banding. Circulation, 2006, 113, 51-59.	13.1	368
131	Somitic origin of limb muscle satellite and side population cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 945-950.	5.2	187
132	The neurofibromin GAP-related domain rescues endothelial but not neural crest development in Nf1-/- mice. Journal of Clinical Investigation, 2006, , .	6.6	46
133	A Perspective on the Value of Aquatic Models in Biomedical Research. Experimental Biology and Medicine, 2005, 230, 1-7.	2.1	21
134	Recruitment of MLL by HMG-domain protein iBRAF promotes neural differentiation. Nature Cell Biology, 2005, 7, 1113-1117.	12.6	85
135	Pax3 functions at a nodal point in melanocyte stem cell differentiation. Nature, 2005, 433, 884-887.	30.7	382
136	MRL mice fail to heal the heart in response to ischemia-reperfusion injury. Wound Repair and Regeneration, 2005, 13, 205-208.	2.0	44
137	Identification of a hypaxial somite enhancer element regulatingPax3 expression in migrating myoblasts and characterization of hypaxial muscle Cre transgenic mice. Genesis, 2005, 41, 202-209.	0.9	61
138	Myocardin-related transcription factor B is required in cardiac neural crest for smooth muscle differentiation and cardiovascular development. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8916-8921.	5.2	140
139	Homeobox Protein Hop Functions in the Adult Cardiac Conduction System. Circulation Research, 2005, 96, 898-903.	8.6	82
140	Identification of a novel nuclear localization signal in Tbx1 that is deleted in DiGeorge syndrome patients harboring the 1223delC mutation. Human Molecular Genetics, 2005, 14, 885-892.	2.1	69
141	Congenital heart disease reminiscent of partial trisomy 2p syndrome in mice transgenic for the transcription factor Lbh. Development (Cambridge), 2005, 132, 3305-3316.	2.1	51
142	Recent Advances in Cardiac Development With Therapeutic Implications for Adult Cardiovascular Disease. Circulation, 2005, 112, 592-597.	13.1	37
143	Pursuing Cardiac Progenitors: Regeneration Redux. Cell, 2005, 120, 295-298.	23.4	78
144	Insertion of Cre into the Pax3 locus creates a new allele of Splotch and identifies unexpected Pax3 derivatives. Developmental Biology, 2005, 280, 396-406.	1.3	230

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145	Atrioventricular cushion transformation is mediated by ALK2 in the developing mouse heart. Developmental Biology, 2005, 286, 299-310.	1.3	152
146	Cardiac neural crest. Seminars in Cell and Developmental Biology, 2005, 16, 704-715.	3.8	182
147	Tie2-Cre–Induced Inactivation of a Conditional Mutant Nf1 Allele in Mouse Results in a Myeloproliferative Disorder that Models Juvenile Myelomonocytic Leukemia. Pediatric Research, 2004, 55, 581-584.	1.5	41
148	Full spectrum of malformations in velo-cardio-facial syndrome/DiGeorge syndrome mouse models by altering Tbx1 dosage. Human Molecular Genetics, 2004, 13, 1577-1585.	2.1	230
149	Essential role of Sox9 in the pathway that controls formation of cardiac valves and septa. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6502-6507.	5.2	257
150	Development Gone Awry. Circulation Research, 2004, 94, 273-283.	8.6	137
151	Identification of minimal enhancer elements sufficient for Pax3 expression in neural crest and implication of Tead2 as a regulator of Pax3. Development (Cambridge), 2004, 131, 829-837.	2.1	101
152	Cardiac outflow tract defects in mice lacking ALK2 in neural crest cells. Development (Cambridge), 2004, 131, 3481-3490.	2.1	180
153	Detection of Cardiac Allograft Rejection and Response to Immunosuppressive Therapy With Peripheral Blood Gene Expression. Circulation, 2004, 110, 3815-3821.	13.1	154
154	Mouse model of Noonan syndrome reveals cell type– and gene dosage–dependent effects of Ptpn11 mutation. Nature Medicine, 2004, 10, 849-857.	22.6	410
155	PlexinD1 and Semaphorin Signaling Are Required in Endothelial Cells for Cardiovascular Development. Developmental Cell, 2004, 7, 107-116.	5.3	361
156	Semaphorin-Plexin Signaling Guides Patterning of the Developing Vasculature. Developmental Cell, 2004, 7, 117-123.	5.3	363
157	Cre-mediated excision of Fgf8 in the Tbx1 expression domain reveals a critical role for Fgf8 in cardiovascular development in the mouse. Developmental Biology, 2004, 267, 190-202.	1.3	133
158	Calcineurin is required in urinary tract mesenchyme for the development of the pyeloureteral peristaltic machinery. Journal of Clinical Investigation, 2004, 113, 1051-1058.	6.6	21
159	Calcineurin is required in urinary tract mesenchyme for the development of the pyeloureteral peristaltic machinery. Journal of Clinical Investigation, 2004, 113, 1051-1058.	6.6	133
160	Hopping to the BeatHop Regulation of Cardiac Gene Expression. Trends in Cardiovascular Medicine, 2003, 13, 261-264.	4.8	21
161	Molecular markers of cardiac endocardial cushion development. Developmental Dynamics, 2003, 228, 643-650.	1.1	101
162	Distinct enhancers regulate neural expression of Pax7. Genomics, 2003, 82, 553-560.	2.0	14

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163	Sox10 and Pax3 physically interact to mediate activation of a conserved c-RET enhancer. Human Molecular Genetics, 2003, 12, 937-945.	2.1	187
164	Endothelial lineage-mediated loss of the GATA cofactor Friend of GATA 1 impairs cardiac development. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14030-14035.	5.2	40
165	Regulating Heart Development: The Role ofNf1. Cell Cycle, 2003, 2, 95-97.	2.3	8
166	Cardiac hypertrophy and histone deacetylase–dependent transcriptional repression mediated by the atypical homeodomain protein Hop. Journal of Clinical Investigation, 2003, 112, 863-871.	6.6	305
167	Cardiac hypertrophy and histone deacetylase–dependent transcriptional repression mediated by the atypical homeodomain protein Hop. Journal of Clinical Investigation, 2003, 112, 863-871.	6.6	34
168	Perspective: Cardiovascular Disease in the Postgenomic Era—Lessons Learned and Challenges Ahead. Endocrinology, 2002, 143, 2045-2050.	1.8	16
169	Smooth Muscle Cells, But Not Myocytes, of Host Origin in Transplanted Human Hearts. Circulation, 2002, 106, 17-19.	13.1	194
170	Cardiovascular disease in neurofibromatosis 1: Report of the NF1 Cardiovascular Task Force. Genetics in Medicine, 2002, 4, 105-111.	3.3	374
171	The Role of Neural Crest during Cardiac Development in a Mouse Model of DiGeorge Syndrome. Developmental Biology, 2002, 251, 157-166.	1.3	85
172	Hop Is an Unusual Homeobox Gene that Modulates Cardiac Development. Cell, 2002, 110, 713-723.	23.4	278
173	Getting your Pax straight: Pax proteins in development and disease. Trends in Genetics, 2002, 18, 41-47.	5.5	433
174	Nf1 has an essential role in endothelial cells. Nature Genetics, 2002, 33, 75-79.	14.1	159
175	Neural Crest Migration and Mouse Models of Congenital Heart Disease. Cold Spring Harbor Symposia on Quantitative Biology, 2002, 67, 57-62.	1.6	22
176	Characterization of the Murine Lbx2 Promoter, Identification of the Human Homologue, and Evaluation as a Candidate for Alström Syndrome. Genomics, 2001, 74, 219-227.	2.0	6
177	A Human BRCA2 Complex Containing a Structural DNA Binding Component Influences Cell Cycle Progression. Cell, 2001, 104, 247-257.	23.4	136
178	TBX1 Is Responsible for Cardiovascular Defects in Velo-Cardio-Facial/DiGeorge Syndrome. Cell, 2001, 104, 619-629.	23.4	953
179	Developing models of DiGeorge syndrome. Trends in Genetics, 2001, 17, S13-S17.	5.5	62
180	A Gene Expression Screen in Zebrafish Embryogenesis. Genome Research, 2001, 11, 1979-1987.	3.3	219

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181	The LN54 Radiation Hybrid Map of Zebrafish Expressed Sequences. Genome Research, 2001, 11, 2127-2132.	3.3	66
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