

# Jonathan A Epstein

## List of Publications by Year in descending order

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Version: 2024-02-01

208  
papers

23,048  
citations

6233

80  
h-index

9073

144  
g-index

222  
all docs

222  
docs citations

222  
times ranked

26311  
citing authors

#	ARTICLE	IF	CITATIONS
1	CAR T cells produced in vivo to treat cardiac injury. <i>Science</i> , 2022, 375, 91-96.	6.0	441
2	CAR-based therapies: opportunities for immuno-medicine beyond cancer. <i>Nature Metabolism</i> , 2022, 4, 163-169.	5.1	43
3	Uniting Disciplines to Develop Therapeutics: Targeted mRNA Lipid Nanoparticles Reprogram the Immune System <i>In Vivo</i> to Treat Heart Disease. <i>DNA and Cell Biology</i> , 2022, 41, 539-543.	0.9	2
4	$\beta^2$ -Hydroxybutyrate suppresses colorectal cancer. <i>Nature</i> , 2022, 605, 160-165.	13.7	120
5	Assaying fibroblast activation protein (FAP) expression <i>in vivo</i> and <i>in vitro</i> for possible targeting with chimeric antigen receptor (CAR) T cells. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
6	SARS-CoV-2 spike protein binding selectively accelerates substrate-specific catalytic activity of ACE2. <i>Journal of Biochemistry</i> , 2021, 170, 299-306.	0.9	13
7	Immune Cells and Immunotherapy for Cardiac Injury and Repair. <i>Circulation Research</i> , 2021, 128, 1766-1779.	2.0	93
8	The nuclear periphery is a scaffold for tissue-specific enhancers. <i>Nucleic Acids Research</i> , 2021, 49, 6181-6195.	6.5	28
9	Effect of Opt-In vs Opt-Out Framing on Enrollment in a COVID-19 Surveillance Testing Program. <i>JAMA Network Open</i> , 2021, 4, e2112434.	2.8	4
10	Global chromatin relabeling accompanies spatial inversion of chromatin in rod photoreceptors. <i>Science Advances</i> , 2021, 7, eabj3035.	4.7	16
11	What's Important: Reopening Lessons from the Big Leagues' Experiences with COVID-19. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1-3.	1.4	2
12	Not all stress is bad for your heart. <i>Science</i> , 2021, 374, 264-265.	6.0	3
13	Landscape of Hopx expression in cells of the immune system. <i>Heliyon</i> , 2021, 7, e08311.	1.4	4
14	Histone methyltransferase activity programs nuclear peripheral genome positioning. <i>Developmental Biology</i> , 2020, 466, 90-98.	0.9	17
15	An Engineered Mouse to Identify Proliferating Cells and Their Derivatives. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 388.	1.8	2
16	Teasing the Immune System to Repair the Heart. <i>New England Journal of Medicine</i> , 2020, 382, 1660-1662.	13.9	7
17	CARTing Away Cardiac Fibrosis. <i>JACC: CardioOncology</i> , 2020, 2, 110-113.	1.7	1
18	Targeting cardiac fibrosis with engineered T cells. <i>Nature</i> , 2019, 573, 430-433.	13.7	404

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19	Lineage-specific reorganization of nuclear peripheral heterochromatin and H3K9me2 domains. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	18
20	A Common Embryonic Origin of Stem Cells Drives Developmental and Adult Neurogenesis. <i>Cell</i> , 2019, 177, 654-668.e15.	13.5	186
21	A Time to Press Reset and Regenerate Cardiac Stem Cell Biology. <i>JAMA Cardiology</i> , 2019, 4, 95.	3.0	37
22	Semaphorin 3E/PlexinD1 signaling is required for cardiac ventricular compaction. <i>JCI Insight</i> , 2019, 4, .	2.3	33
23	H3K9me2 orchestrates inheritance of spatial positioning of peripheral heterochromatin through mitosis. <i>ELife</i> , 2019, 8, .	2.8	81
24	Abstract 633: Semaphorin3e-Plexind1 Signaling is Required for Cardiac Ventricular Compaction. <i>Circulation Research</i> , 2019, 125, .	2.0	0
25	Competent for commitment: you've got to have heart!. <i>Genes and Development</i> , 2018, 32, 4-13.	2.7	10
26	Endocardial Hippo signaling regulates myocardial growth and cardiogenesis. <i>Developmental Biology</i> , 2018, 440, 22-30.	0.9	26
27	Beating the odds: programming proliferation in the mammalian heart. <i>Genome Medicine</i> , 2018, 10, 36.	3.6	2
28	Zinc transporter Slc39a8 is essential for cardiac ventricular compaction. <i>Journal of Clinical Investigation</i> , 2018, 128, 826-833.	3.9	39
29	CELL FATE DETERMINATION IN 3D: REGULATION OF GENE EXPRESSION VIA CHROMATIN INTERACTIONS WITH THE NUCLEAR MEMBRANE. <i>Transactions of the American Clinical and Climatological Association</i> , 2018, 129, 121-131.	0.9	0
30	Foxa2 identifies a cardiac progenitor population with ventricular differentiation potential. <i>Nature Communications</i> , 2017, 8, 14428.	5.8	68
31	Genome-Nuclear Lamina Interactions Regulate Cardiac Stem Cell Lineage Restriction. <i>Cell</i> , 2017, 171, 573-587.e14.	13.5	162
32	A radial axis defined by Semaphorin to Neuropilin signaling controls pancreatic islet morphogenesis. <i>Development (Cambridge)</i> , 2017, 144, 3744-3754.	1.2	29
33	Chromatin and Transcriptional Analysis of Mesoderm Progenitor Cells Identifies HOPX as a Regulator of Primitive Hematopoiesis. <i>Cell Reports</i> , 2017, 20, 1597-1608.	2.9	50
34	Intestinal Enteroendocrine Lineage Cells Possess Homeostatic and Injury-Inducible Stem Cell Activity. <i>Cell Stem Cell</i> , 2017, 21, 78-90.e6.	5.2	280
35	Epicardial YAP/TAZ orchestrate an immunosuppressive response following myocardial infarction. <i>Journal of Clinical Investigation</i> , 2017, 127, 899-911.	3.9	126
36	Mapping the Pairwise Choices Leading from Pluripotency to Human Bone, Heart, and Other Mesoderm Cell Types. <i>Cell</i> , 2016, 166, 451-467.	13.5	367

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37	Coronary vasculature patterning requires a novel endothelial ErbB2 holoreceptor. <i>Nature Communications</i> , 2016, 7, 12038.	5.8	32
38	Hippo Signaling Mediators Yap and Taz Are Required in the Epicardium for Coronary Vasculature Development. <i>Cell Reports</i> , 2016, 15, 1384-1393.	2.9	109
39	Synergy between loss of NF1 and overexpression of MYCN in neuroblastoma is mediated by the GAP-related domain. <i>ELife</i> , 2016, 5, .	2.8	29
40	Combinatorial Identification of Broad Association Regions with CHIP-seq Data. , 2016, , .		0
41	Loss of neurofibromin Ras-GAP activity enhances the formation of cardiac blood islands in murine embryos. <i>ELife</i> , 2015, 4, e07780.	2.8	15
42	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. <i>American Journal of Epidemiology</i> , 2015, 181, 363-368.	1.6	36
43	De novo mutations in PLXND1 and REV3L cause MÃ¶bius syndrome. <i>Nature Communications</i> , 2015, 6, 7199.	5.8	76
44	Roger et al. Respond to "Future of Population Studies". <i>American Journal of Epidemiology</i> , 2015, 181, 372-373.	1.6	3
45	Semaphorin Signaling in Cardiovascular Development. <i>Cell Metabolism</i> , 2015, 21, 163-173.	7.2	90
46	Circadian control of bile acid synthesis by a KLF15-Fgf15 axis. <i>Nature Communications</i> , 2015, 6, 7231.	5.8	68
47	The Genetic Landscape of Hematopoietic Stem Cell Frequency in Mice. <i>Stem Cell Reports</i> , 2015, 5, 125-138.	2.3	21
48	Peripherally Induced Tolerance Depends on Peripheral Regulatory T Cells That Require Hopx To Inhibit Intrinsic IL-2 Expression. <i>Journal of Immunology</i> , 2015, 195, 1489-1497.	0.4	38
49	Integration of Bmp and Wnt signaling by Hopx specifies commitment of cardiomyoblasts. <i>Science</i> , 2015, 348, aaa6071.	6.0	132
50	Plexin D1 determines body fat distribution by regulating the type V collagen microenvironment in visceral adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4363-4368.	3.3	61
51	Plasticity of Hopx+ type I alveolar cells to regenerate type II cells in the lung. <i>Nature Communications</i> , 2015, 6, 6727.	5.8	254
52	Hopx distinguishes hippocampal from lateral ventricle neural stem cells. <i>Stem Cell Research</i> , 2015, 15, 522-529.	0.3	41
53	Hippo signaling is required for Notch-dependent smooth muscle differentiation of neural crest. <i>Development (Cambridge)</i> , 2015, 142, 2962-71.	1.2	79
54	A multidisciplinary approach in neurofibromatosis 1â€™Authors' reply. <i>Lancet Neurology</i> , The, 2015, 14, 30-31.	4.9	1

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55	Semaphorin 3d and Semaphorin 3e Direct Endothelial Motility through Distinct Molecular Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2014, 289, 17971-17979.	1.6	58
56	Genetic dissection of plexin signaling in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2194-2199.	3.3	61
57	Pax3 and Hippo Signaling Coordinate Melanocyte Gene Expression in Neural Crest. <i>Cell Reports</i> , 2014, 9, 1885-1895.	2.9	49
58	Single-Cell Analysis of Proxy Reporter Allele-Marked Epithelial Cells Establishes Intestinal Stem Cell Hierarchy. <i>Stem Cell Reports</i> , 2014, 3, 876-891.	2.3	93
59	Modulation of cAMP and Ras Signaling Pathways Improves Distinct Behavioral Deficits in a Zebrafish Model of Neurofibromatosis Type 1. <i>Cell Reports</i> , 2014, 8, 1265-1270.	2.9	59
60	The Notch1 transcriptional activation domain is required for development and reveals a novel role for Notch1 signaling in fetal hematopoietic stem cells. <i>Genes and Development</i> , 2014, 28, 576-593.	2.7	49
61	$\beta$ -catenin regulates Pax3 and Cdx2 for caudal neural tube closure and elongation. <i>Development (Cambridge)</i> , 2014, 141, 148-157.	1.2	72
62	The sinus venosus contributes to coronary vasculature through VEGFC-stimulated angiogenesis. <i>Development (Cambridge)</i> , 2014, 141, 4500-4512.	1.2	173
63	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. <i>Cell Stem Cell</i> , 2014, 15, 123-138.	5.2	748
64	Inhibition of TGF $\beta$ 2 Signaling Increases Direct Conversion of Fibroblasts to Induced Cardiomyocytes. <i>PLoS ONE</i> , 2014, 9, e89678.	1.1	159
65	Induced regeneration—the progress and promise of direct reprogramming for heart repair. <i>Nature Medicine</i> , 2013, 19, 829-836.	15.2	84
66	Optimization of direct fibroblast reprogramming to cardiomyocytes using calcium activity as a functional measure of success. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 60, 97-106.	0.9	220
67	Semaphorin 3d signaling defects are associated with anomalous pulmonary venous connections. <i>Nature Medicine</i> , 2013, 19, 760-765.	15.2	67
68	Murine craniofacial development requires Hdac3-mediated repression of Msx gene expression. <i>Developmental Biology</i> , 2013, 377, 333-344.	0.9	36
69	Molecular Determinants of Lung Development. <i>Annals of the American Thoracic Society</i> , 2013, 10, S12-S16.	1.5	73
70	An Epigenetic Roadmap for Cardiomyocyte Differentiation. <i>Circulation Research</i> , 2013, 112, 881-883.	2.0	4
71	<i>Hopx</i> expression defines a subset of multipotent hair follicle stem cells and a progenitor population primed to give rise to K6+ niche cells. <i>Development (Cambridge)</i> , 2013, 140, 1655-1664.	1.2	65
72	Plxnd1 Expression in Thymocytes Regulates Their Intrathymic Migration While That in Thymic Endothelium Impacts Medullary Topology. <i>Frontiers in Immunology</i> , 2013, 4, 392.	2.2	14

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73	Resolution of defective dorsal aortae patterning in <i>Sema3</i> deficient mice occurs via angiogenic remodeling. <i>Developmental Dynamics</i> , 2013, 242, 580-590.	0.8	27
74	<i>Lgr5</i> Identifies Progenitor Cells Capable of Taste Bud Regeneration after Injury. <i>PLoS ONE</i> , 2013, 8, e66314.	1.1	61
75	Epicardial Lineages and Cardiac Repair. <i>Journal of Developmental Biology</i> , 2013, 1, 141-158.	0.9	6
76	New approaches under development: cardiovascular embryology applied to heart disease. <i>Journal of Clinical Investigation</i> , 2013, 123, 71-74.	3.9	10
77	Notch Activation of <i>Jagged1</i> Contributes to the Assembly of the Arterial Wall. <i>Circulation</i> , 2012, 125, 314-323.	1.6	144
78	Epicardium-Derived Cardiac Mesenchymal Stem Cells: Expanding the Outer Limit of Heart Repair. <i>Circulation Research</i> , 2012, 110, 904-906.	2.0	25
79	Zebrafish neurofibromatosis type 1 genes have redundant functions in tumorigenesis and embryonic development. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 881-94.	1.2	72
80	Trichostatin A Abrogates Airway Constriction, but Not Inflammation, in Murine and Human Asthma Models. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 132-138.	1.4	71
81	Myocardial Notch Signaling Reprograms Cardiomyocytes to a Conduction-Like Phenotype. <i>Circulation</i> , 2012, 126, 1058-1066.	1.6	84
82	Lymphatic endothelial progenitors bud from the cardinal vein and intersomitic vessels in mammalian embryos. <i>Blood</i> , 2012, 120, 2340-2348.	0.6	196
83	Distinct Compartments of the Proepicardial Organ Give Rise to Coronary Vascular Endothelial Cells. <i>Developmental Cell</i> , 2012, 22, 639-650.	3.1	304
84	Coordinating Tissue Interactions: Notch Signaling in Cardiac Development and Disease. <i>Developmental Cell</i> , 2012, 22, 244-254.	3.1	229
85	<i>Isl1</i> Derivatives in the Heart Are of Both Neural Crest and Second Heart Field Origin. <i>Circulation Research</i> , 2012, 110, 922-926.	2.0	118
86	Zebrafish Model for NF1. , 2012, , 535-547.		1
87	Semaphorin-PlexinD1 Signaling Limits Angiogenic Potential via the VEGF Decoy Receptor sFlt1. <i>Developmental Cell</i> , 2011, 21, 301-314.	3.1	145
88	Homeodomain Only Protein X is down-regulated in human heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 1056-1058.	0.9	21
89	Highly Efficient miRNA-Mediated Reprogramming of Mouse and Human Somatic Cells to Pluripotency. <i>Cell Stem Cell</i> , 2011, 8, 376-388.	5.2	1,121
90	Histone Deacetylase 3 Regulates Smooth Muscle Differentiation in Neural Crest Cells and Development of the Cardiac Outflow Tract. <i>Circulation Research</i> , 2011, 109, 1240-1249.	2.0	55

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91	MicroRNA-processing Enzyme Dicer Is Required in Epicardium for Coronary Vasculature Development. Journal of Biological Chemistry, 2011, 286, 41036-41045.	1.6	42
92	Interconversion Between Intestinal Stem Cell Populations in Distinct Niches. Science, 2011, 334, 1420-1424.	6.0	638
93	Kicking the Epicardium Up a Notch. Circulation Research, 2011, 108, 6-8.	2.0	6
94	Diet-induced Lethality Due to Deletion of the Hdac3 Gene in Heart and Skeletal Muscle. Journal of Biological Chemistry, 2011, 286, 33301-33309.	1.6	83
95	Micro-Managing Myocyte Mitosis. Circulation Research, 2011, 109, 611-613.	2.0	4
96	Cardiac neural crest orchestrates remodeling and functional maturation of mouse semilunar valves. Journal of Clinical Investigation, 2011, 121, 422-430.	3.9	142
97	Notch signaling regulates murine atrioventricular conduction and the formation of accessory pathways. Journal of Clinical Investigation, 2011, 121, 525-533.	3.9	84
98	Molecular mechanisms of neural crest-related congenital heart disease. FASEB Journal, 2011, 25, 302.4.	0.2	0
99	Neural crest and cardiac development. FASEB Journal, 2011, 25, 176.4.	0.2	0
100	Tissue-Tissue Interactions During Morphogenesis of the Outflow Tract. Pediatric Cardiology, 2010, 31, 408-413.	0.6	22
101	Persistence of effector memory Th1 cells is regulated by <i>Hopx</i> . European Journal of Immunology, 2010, 40, 2993-3006.	1.6	70
102	Notch and cardiac outflow tract development. Annals of the New York Academy of Sciences, 2010, 1188, 184-190.	1.8	48
103	Ash2l interacts with Tbx1 and is required during early embryogenesis. Experimental Biology and Medicine, 2010, 235, 569-576.	1.1	89
104	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.	1.6	57
105	Rapid 3D Phenotyping of Cardiovascular Development in Mouse Embryos by Micro-CT With Iodine Staining. Circulation: Cardiovascular Imaging, 2010, 3, 314-322.	1.3	233
106	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.	1.4	42
107	Gata4 and Gata5 Cooperatively Regulate Cardiac Myocyte Proliferation in Mice. Journal of Biological Chemistry, 2010, 285, 1765-1772.	1.6	82
108	Cardiac Development and Implications for Heart Disease. New England Journal of Medicine, 2010, 363, 1638-1647.	13.9	105

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109	Hopx and Hdac2 Interact to Modulate Gata4 Acetylation and Embryonic Cardiac Myocyte Proliferation. <i>Developmental Cell</i> , 2010, 19, 450-459.	3.1	125
110	Distinct enhancers at the Pax3 locus can function redundantly to regulate neural tube and neural crest expressions. <i>Developmental Biology</i> , 2010, 339, 519-527.	0.9	50
111	Melanocyte-like cells in the heart and pulmonary veins contribute to atrial arrhythmia triggers. <i>FASEB Journal</i> , 2010, 24, 180.4.	0.2	0
112	Biomarker system for studying muscle, stem cells, and cancer <i>in vivo</i> . <i>FASEB Journal</i> , 2009, 23, 2681-2690.	0.2	125
113	Cardiac and vascular functions of the zebrafish orthologues of the type I neurofibromatosis gene <i>NFI</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22305-22310.	3.3	28
114	Cardiomyocyte Renewal. <i>New England Journal of Medicine</i> , 2009, 361, 86-88.	13.9	67
115	Inpp5f Is a Polyphosphoinositide Phosphatase That Regulates Cardiac Hypertrophic Responsiveness. <i>Circulation Research</i> , 2009, 105, 1240-1247.	2.0	59
116	Cardiomyocyte-Specific Loss of Neurofibromin Promotes Cardiac Hypertrophy and Dysfunction. <i>Circulation Research</i> , 2009, 105, 304-311.	2.0	41
117	Tie2Cre-mediated inactivation of plexinD1 results in congenital heart, vascular and skeletal defects. <i>Developmental Biology</i> , 2009, 325, 82-93.	0.9	92
118	Increased thymus- and decreased parathyroid-fated organ domains in Splotch mutant embryos. <i>Developmental Biology</i> , 2009, 327, 216-227.	0.9	43
119	Menin expression modulates mesenchymal cell commitment to the myogenic and osteogenic lineages. <i>Developmental Biology</i> , 2009, 332, 116-130.	0.9	35
120	Murine Jagged1/Notch signaling in the second heart field orchestrates Fgf8 expression and tissue-tissue interactions during outflow tract development. <i>Journal of Clinical Investigation</i> , 2009, 119, 1986-96.	3.9	155
121	Melanocyte-like cells in the heart and pulmonary veins contribute to atrial arrhythmia triggers. <i>Journal of Clinical Investigation</i> , 2009, 119, 3420-36.	3.9	76
122	Regulation of survival in adult hippocampal and glioblastoma stem cell lineages by the homeodomain-only protein HOP. <i>Neural Development</i> , 2008, 3, 13.	1.1	27
123	Cre reporter mouse expressing a nuclear localized fusion of GFP and $\beta$ -galactosidase reveals new derivatives of Pax3-expressing precursors. <i>Genesis</i> , 2008, 46, 200-204.	0.8	41
124	PlexinD1 Glycoprotein Controls Migration of Positively Selected Thymocytes into the Medulla. <i>Immunity</i> , 2008, 29, 888-898.	6.6	117
125	Transgenic Overexpression of Hdac3 in the Heart Produces Increased Postnatal Cardiac Myocyte Proliferation but Does Not Induce Hypertrophy. <i>Journal of Biological Chemistry</i> , 2008, 283, 26484-26489.	1.6	100
126	The multifaceted role of Notch in cardiac development and disease. <i>Nature Reviews Genetics</i> , 2008, 9, 49-61.	7.7	259



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127	Histone deacetylase inhibition reduces myocardial ischemia-reperfusion injury in mice. <i>FASEB Journal</i> , 2008, 22, 3549-3560.	0.2	248
128	A nonclassical bHLH-Rbpj transcription factor complex is required for specification of GABAergic neurons independent of Notch signaling. <i>Genes and Development</i> , 2008, 22, 166-178.	2.7	116
129	Endothelial expression of the Notch ligand Jagged1 is required for vascular smooth muscle development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1955-1959.	3.3	288
130	Pax3 regulation of FGF signaling affects the progression of embryonic progenitor cells into the myogenic program. <i>Genes and Development</i> , 2008, 22, 1828-1837.	2.7	124
131	Persistent expression of Pax3 in the neural crest causes cleft palate and defective osteogenesis in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2076-87.	3.9	60
132	Currying favor for the heart. <i>Journal of Clinical Investigation</i> , 2008, 118, 850-2.	3.9	14
133	Atlantic City is passÃ© â€” lâ€™m betting on Chicago. <i>Journal of Clinical Investigation</i> , 2008, 118, 1235-1236.	3.9	1
134	RBP-J (Rbpsuh) is essential to maintain muscle progenitor cells and to generate satellite cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4443-4448.	3.3	202
135	<i>&lt;i&gt;NF1&lt;/i&gt;</i> Regulates a Ras-Dependent Vascular Smooth Muscle Proliferative Injury Response. <i>Circulation</i> , 2007, 116, 2148-2156.	1.6	69
136	Menin is required in cranial neural crest for palatogenesis and perinatal viability. <i>Developmental Biology</i> , 2007, 311, 524-537.	0.9	30
137	Signalling Pathways Regulating Cardiac Neural Crest Migration and Differentiation. <i>Novartis Foundation Symposium</i> , 2007, 283, 152-164.	1.2	15
138	Hdac2 regulates the cardiac hypertrophic response by modulating Gsk3 <sup>Î²</sup> activity. <i>Nature Medicine</i> , 2007, 13, 324-331.	15.2	433
139	An essential role for Notch in neural crest during cardiovascular development and smooth muscle differentiation. <i>Journal of Clinical Investigation</i> , 2007, 117, 353-363.	3.9	234
140	Analysis of the Structure and Function of the Transcriptional Coregulator HOP,. <i>Biochemistry</i> , 2006, 45, 10584-10590.	1.2	30
141	Distinct roles of HF-1b/Sp4 in ventricular and neural crest cells lineages affect cardiac conduction system development. <i>Developmental Biology</i> , 2006, 291, 208-217.	0.9	28
142	Hop functions downstream of Nkx2.1 and GATA6 to mediate HDAC-dependent negative regulation of pulmonary gene expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L191-L199.	1.3	74
143	Tbx1 affects asymmetric cardiac morphogenesis by regulating Pitx2 in the secondary heart field. <i>Development (Cambridge)</i> , 2006, 133, 1565-1573.	1.2	132
144	Transcriptional Genomics Associates FOX Transcription Factors With Human Heart Failure. <i>Circulation</i> , 2006, 114, 1269-1276.	1.6	210

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145	Inhibition of Histone Deacetylation Blocks Cardiac Hypertrophy Induced by Angiotensin II Infusion and Aortic Banding. <i>Circulation</i> , 2006, 113, 51-59.	1.6	326
146	Somitic origin of limb muscle satellite and side population cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 945-950.	3.3	186
147	The neurofibromin GAP-related domain rescues endothelial but not neural crest development in Nf1 <sup>-/-</sup> mice. <i>Journal of Clinical Investigation</i> , 2006, 116, 2378-84.	3.9	45
148	Notch Signaling Regulates Hematopoietic Stem Cell Homeostasis in the Fetal Liver through a Non-Cell-Autonomous Mechanism. <i>Blood</i> , 2006, 108, 440-440.	0.6	0
149	A Perspective on the Value of Aquatic Models in Biomedical Research. <i>Experimental Biology and Medicine</i> , 2005, 230, 1-7.	1.1	21
150	Pax3 functions at a nodal point in melanocyte stem cell differentiation. <i>Nature</i> , 2005, 433, 884-887.	13.7	350
151	MRL mice fail to heal the heart in response to ischemia-reperfusion injury. <i>Wound Repair and Regeneration</i> , 2005, 13, 205-208.	1.5	43
152	Identification of a hypaxial somite enhancer element regulating Pax3 expression in migrating myoblasts and characterization of hypaxial muscle Cre transgenic mice. <i>Genesis</i> , 2005, 41, 202-209.	0.8	57
153	Myocardin-related transcription factor B is required in cardiac neural crest for smooth muscle differentiation and cardiovascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8916-8921.	3.3	134
154	Identification of a novel nuclear localization signal in Tbx1 that is deleted in DiGeorge syndrome patients harboring the 1223delC mutation. <i>Human Molecular Genetics</i> , 2005, 14, 885-892.	1.4	68
155	Congenital heart disease reminiscent of partial trisomy 2p syndrome in mice transgenic for the transcription factor Lbh. <i>Development (Cambridge)</i> , 2005, 132, 3305-3316.	1.2	48
156	Recent Advances in Cardiac Development With Therapeutic Implications for Adult Cardiovascular Disease. <i>Circulation</i> , 2005, 112, 592-597.	1.6	37
157	Pursuing Cardiac Progenitors: Regeneration Redux. <i>Cell</i> , 2005, 120, 295-298.	13.5	77
158	Insertion of Cre into the Pax3 locus creates a new allele of Splotch and identifies unexpected Pax3 derivatives. <i>Developmental Biology</i> , 2005, 280, 396-406.	0.9	216
159	Atrioventricular cushion transformation is mediated by ALK2 in the developing mouse heart. <i>Developmental Biology</i> , 2005, 286, 299-310.	0.9	146
160	Cardiac neural crest. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 704-715.	2.3	174
161	Tie2-Cre <sup>fl</sup> -Induced Inactivation of a Conditional Mutant Nf1 Allele in Mouse Results in a Myeloproliferative Disorder that Models Juvenile Myelomonocytic Leukemia. <i>Pediatric Research</i> , 2004, 55, 581-584.	1.1	40
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