

William T Pu

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

21,308
citations

8181

76
h-index

10445

139
g-index

206
all docs

206
docs citations

206
times ranked

25043
citing authors

#	ARTICLE	IF	CITATIONS
1	Ryanodine receptor 2 (RYR2) dysfunction activates the unfolded protein response and perturbs cardiomyocyte maturation. <i>Cardiovascular Research</i> , 2023, 119, 221-235.	3.8	5
2	Experimental models of Barth syndrome. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 72-81.	3.6	8
3	Current and future treatment approaches for Barth syndrome. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 17-28.	3.6	14
4	A new murine model of Barth syndrome neutropenia links TFAZZIN deficiency to increased ER stress-induced apoptosis. <i>Blood Advances</i> , 2022, 6, 2557-2577.	5.2	10
5	Efficient In Vivo Homology-Directed Repair Within Cardiomyocytes. <i>Circulation</i> , 2022, 145, 787-789.	1.6	5
6	Cardiac ISL1-Interacting Protein, a Cardioprotective Factor, Inhibits the Transition From Cardiac Hypertrophy to Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 857049.	2.4	0
7	Addendum: A tissue-engineered scale model of the heart ventricle. <i>Nature Biomedical Engineering</i> , 2022, 6, 1318-1318.	22.5	2
8	CMYA5 establishes cardiac dyad architecture and positioning. <i>Nature Communications</i> , 2022, 13, 2185.	12.8	10
9	CHD4 is recruited by GATA4 and NKX2-5 to repress noncardiac gene programs in the developing heart. <i>Genes and Development</i> , 2022, 36, 468-482.	5.9	15
10	Population Prevalence of Premature Truncating Variants in Plakophilin-2 and Association With Arrhythmogenic Right Ventricular Cardiomyopathy: A UK Biobank Analysis. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, 101161CIRCGEN121003507.	3.6	5
11	Two sides of the same coin: new insights into mechanisms of ventricular fibrillation. <i>Cardiovascular Research</i> , 2021, 117, 983-984.	3.8	2
12	Modeling Human TBX5 Haploinsufficiency Predicts Regulatory Networks for Congenital Heart Disease. <i>Developmental Cell</i> , 2021, 56, 292-309.e9.	7.0	63
13	TEAD1 protects against necroptosis in postmitotic cardiomyocytes through regulation of nuclear DNA-encoded mitochondrial genes. <i>Cell Death and Differentiation</i> , 2021, 28, 2045-2059.	11.2	30
14	Calcific aortic valve disease: turning therapeutic discovery up a notch. <i>Nature Reviews Cardiology</i> , 2021, 18, 309-310.	13.7	2
15	Increased Reactive Oxygen Species-Mediated Ca ²⁺ /Calmodulin-Dependent Protein Kinase II Activation Contributes to Calcium Handling Abnormalities and Impaired Contraction in Barth Syndrome. <i>Circulation</i> , 2021, 143, 1894-1911.	1.6	42
16	LARP7 Protects Against Heart Failure by Enhancing Mitochondrial Biogenesis. <i>Circulation</i> , 2021, 143, 2007-2022.	1.6	35
17	YAP/TEAD1 Complex Is a Default Repressor of Cardiac Toll-Like Receptor Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6649.	4.1	12
18	Massively parallel in vivo CRISPR screening identifies RNF20/40 as epigenetic regulators of cardiomyocyte maturation. <i>Nature Communications</i> , 2021, 12, 4442.	12.8	27

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19	Loss of Tsc1 in cerebellar Purkinje cells induces transcriptional and translation changes in FMRP target transcripts. <i>ELife</i> , 2021, 10, .	6.0	9
20	Cardiac CIP protein regulates dystrophic cardiomyopathy. <i>Molecular Therapy</i> , 2021, , .	8.2	7
21	AAV Gene Transfer to the Heart. <i>Methods in Molecular Biology</i> , 2021, 2158, 269-280.	0.9	9
22	Sarcomeres regulate murine cardiomyocyte maturation through MRTF-SRF signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
23	Genetic and Epigenetic Control of Heart Development. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036756.	5.5	15
24	The architecture and function of cardiac dyads. <i>Biophysical Reviews</i> , 2020, 12, 1007-1017.	3.2	15
25	Robust differentiation of human pluripotent stem cells into endothelial cells via temporal modulation of ETV2 with modified mRNA. <i>Science Advances</i> , 2020, 6, eaba7606.	10.3	62
26	Regulation of myonuclear positioning and muscle function by the skeletal muscle-specific CIP protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19254-19265.	7.1	32
27	L ARP7 Is a BRCA1 Ubiquitinase Substrate and Regulates Genome Stability and Tumorigenesis. <i>Cell Reports</i> , 2020, 32, 107974.	6.4	13
28	Intercalated disc protein Xin ² is required for Hippo-YAP signaling in the heart. <i>Nature Communications</i> , 2020, 11, 4666.	12.8	16
29	Enhancer dependence of cell-type-specific gene expression increases with developmental age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21450-21458.	7.1	32
30	AAV Gene Therapy Prevents and Reverses Heart Failure in a Murine Knockout Model of Barth Syndrome. <i>Circulation Research</i> , 2020, 126, 1024-1039.	4.5	62
31	Two faces of bivalent domain regulate VEGFA responsiveness and angiogenesis. <i>Cell Death and Disease</i> , 2020, 11, 75.	6.3	9
32	Gene therapy for inherited arrhythmias. <i>Cardiovascular Research</i> , 2020, 116, 1635-1650.	3.8	20
33	Cardiomyocyte Maturation. <i>Circulation Research</i> , 2020, 126, 1086-1106.	4.5	355
34	MICAL1 constrains cardiac stress responses and protects against disease by oxidizing CaMKII. <i>Journal of Clinical Investigation</i> , 2020, 130, 4663-4678.	8.2	23
35	aYAP modRNA reduces cardiac inflammation and hypertrophy in a murine ischemia-reperfusion model. <i>Life Science Alliance</i> , 2020, 3, e201900424.	2.8	24
36	Sphingosine 1-phosphate-regulated transcriptomes in heterogenous arterial and lymphatic endothelium of the aorta. <i>ELife</i> , 2020, 9, .	6.0	34

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37	Insights Into the Pathogenesis of Catecholaminergic Polymorphic Ventricular Tachycardia From Engineered Human Heart Tissue. <i>Circulation</i> , 2019, 140, 390-404.	1.6	105
38	A reference map of murine cardiac transcription factor chromatin occupancy identifies dynamic and conserved enhancers. <i>Nature Communications</i> , 2019, 10, 4907.	12.8	100
39	A dynamic and integrated epigenetic program at distal regions orchestrates transcriptional responses to VEGFA. <i>Genome Research</i> , 2019, 29, 193-207.	5.5	13
40	Gene Therapy for Catecholaminergic Polymorphic Ventricular Tachycardia by Inhibition of Ca ²⁺ /Calmodulin-Dependent Kinase II. <i>Circulation</i> , 2019, 140, 405-419.	1.6	81
41	Therapeutic role of miR-19a/19b in cardiac regeneration and protection from myocardial infarction. <i>Nature Communications</i> , 2019, 10, 1802.	12.8	190
42	Molecular mechanisms of arrhythmogenic cardiomyopathy. <i>Nature Reviews Cardiology</i> , 2019, 16, 519-537.	13.7	155
43	Abstract 919: Intercalated Disk Protein Xin-beta is Required for the Hippo/YAP Signaling in the Heart. <i>Circulation Research</i> , 2019, 125, .	4.5	0
44	Mitochondrial Cardiomyopathy Caused by Elevated Reactive Oxygen Species and Impaired Cardiomyocyte Proliferation. <i>Circulation Research</i> , 2018, 122, 74-87.	4.5	89
45	Genetic Basis for Congenital Heart Disease: Revisited: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2018, 138, e653-e711.	1.6	387
46	Hierarchical and stage-specific regulation of murine cardiomyocyte maturation by serum response factor. <i>Nature Communications</i> , 2018, 9, 3837.	12.8	63
47	Exercising engineered heart muscle to maturity. <i>Nature Reviews Cardiology</i> , 2018, 15, 383-384.	13.7	11
48	Genetic Mosaics for Greater Precision in Cardiovascular Research. <i>Circulation Research</i> , 2018, 123, 27-29.	4.5	12
49	A tissue-engineered scale model of the heart ventricle. <i>Nature Biomedical Engineering</i> , 2018, 2, 930-941.	22.5	162
50	Depletion of polycomb repressive complex 2 core component EED impairs fetal hematopoiesis. <i>Cell Death and Disease</i> , 2017, 8, e2744-e2744.	6.3	27
51	Divergent Requirements for EZH1 in Heart Development Versus Regeneration. <i>Circulation Research</i> , 2017, 121, 106-112.	4.5	60
52	Inflammatory signals from photoreceptor modulate pathological retinal angiogenesis via c-Fos. <i>Journal of Experimental Medicine</i> , 2017, 214, 1753-1767.	8.5	60
53	The complex genetics of hypoplastic left heart syndrome. <i>Nature Genetics</i> , 2017, 49, 1152-1159.	21.4	177
54	Host non-inflammatory neutrophils mediate the engraftment of bioengineered vascular networks. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	55

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55	Analysis of Cardiac Myocyte Maturation Using CASA AV, a Platform for Rapid Dissection of Cardiac Myocyte Gene Function In Vivo. <i>Circulation Research</i> , 2017, 120, 1874-1888.	4.5	106
56	Cardiac Regeneration. <i>Circulation Research</i> , 2017, 120, 941-959.	4.5	117
57	Efficient, footprint-free human iPSC genome editing by consolidation of Cas9/CRISPR and piggyBac technologies. <i>Nature Protocols</i> , 2017, 12, 88-103.	12.0	97
58	CASA AV: A CRISPR-Based Platform for Rapid Dissection of Gene Function In Vivo. <i>Current Protocols in Molecular Biology</i> , 2017, 120, 31.11.1-31.11.14.	2.9	19
59	VEGF amplifies transcription through ETS1 acetylation to enable angiogenesis. <i>Nature Communications</i> , 2017, 8, 383.	12.8	79
60	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , 2017, 8, 87.	12.8	67
61	Enhancing the precision of genetic lineage tracing using dual recombinases. <i>Nature Medicine</i> , 2017, 23, 1488-1498.	30.7	188
62	Insulin-Like Growth Factor 1 Receptor-Dependent Pathway Drives Epicardial Adipose Tissue Formation After Myocardial Injury. <i>Circulation</i> , 2017, 135, 59-72.	1.6	74
63	EED orchestration of heart maturation through interaction with HDACs is H3K27me3-independent. <i>ELife</i> , 2017, 6, .	6.0	44
64	Mapping cell type-specific transcriptional enhancers using high affinity, lineage-specific Ep300 bioChIP-seq. <i>ELife</i> , 2017, 6, .	6.0	50
65	Modeling Inherited Arrhythmia Disorders Using Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Circulation Journal</i> , 2017, 81, 12-21.	1.6	11
66	Comprehensive analysis of promoter-proximal RNA polymerase II pausing across mammalian cell types. <i>Genome Biology</i> , 2016, 17, 120.	8.8	73
67	Recounting Cardiac Cellular Composition. <i>Circulation Research</i> , 2016, 118, 368-370.	4.5	298
68	Acetylation of VGLL4 Regulates Hippo-YAP Signaling and Postnatal Cardiac Growth. <i>Developmental Cell</i> , 2016, 39, 466-479.	7.0	86
69	Long non-coding RNAs link extracellular matrix gene expression to ischemic cardiomyopathy. <i>Cardiovascular Research</i> , 2016, 112, 543-554.	3.8	64
70	Single-Cell Resolution of Temporal Gene Expression during Heart Development. <i>Developmental Cell</i> , 2016, 39, 480-490.	7.0	361
71	Preparation of rAAV9 to Overexpress or Knockdown Genes in Mouse Hearts. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	8
72	Epicardium is required for cardiac seeding by yolk sac macrophages, precursors of resident macrophages of the adult heart. <i>Developmental Biology</i> , 2016, 413, 153-159.	2.0	51

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73	GATA4 regulates Fgf16 to promote heart repair after injury. <i>Development (Cambridge)</i> , 2016, 143, 936-49.	2.5	79
74	Contribution of Fetal, but Not Adult, Pulmonary Mesothelium to Mesenchymal Lineages in Lung Homeostasis and Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 222-230.	2.9	25
75	Novel Roles of GATA4/6 in the Postnatal Heart Identified through Temporally Controlled, Cardiomyocyte-Specific Gene Inactivation by Adeno-Associated Virus Delivery of Cre Recombinase. <i>PLoS ONE</i> , 2015, 10, e0128105.	2.5	39
76	Regional differences in WT-1 and Tcf21 expression during ventricular development: implications for myocardial compaction. <i>PLoS ONE</i> , 2015, 10, e0136025.	2.5	22
77	Trbp regulates heart function through microRNA-mediated Sox6 repression. <i>Nature Genetics</i> , 2015, 47, 776-783.	21.4	53
78	Cellular Origin and Developmental Program of Coronary Angiogenesis. <i>Circulation Research</i> , 2015, 116, 515-530.	4.5	162
79	Releasing YAP From an $\hat{\pm}$ -Catenin Trap Increases Cardiomyocyte Proliferation. <i>Circulation Research</i> , 2015, 116, 9-11.	4.5	10
80	SOCS3 in retinal neurons and glial cells suppresses VEGF signaling to prevent pathological neovascular growth. <i>Science Signaling</i> , 2015, 8, ra94.	3.6	38
81	Nuclear receptor ROR $\hat{\pm}$ regulates pathologic retinal angiogenesis by modulating SOCS3-dependent inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10401-10406.	7.1	55
82	<i>Pi3kcb</i> Links Hippo-YAP and PI3K-AKT Signaling Pathways to Promote Cardiomyocyte Proliferation and Survival. <i>Circulation Research</i> , 2015, 116, 35-45.	4.5	237
83	Cardiomyocyte-enriched protein CIP protects against pathophysiological stresses and regulates cardiac homeostasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4122-4134.	8.2	42
84	Optimization of Genome Engineering Approaches with the CRISPR/Cas9 System. <i>PLoS ONE</i> , 2014, 9, e105779.	2.5	114
85	Yap1 Is Required for Endothelial to Mesenchymal Transition of the Atrioventricular Cushion. <i>Journal of Biological Chemistry</i> , 2014, 289, 18681-18692.	3.4	136
86	Notching up vascular regeneration. <i>Cell Research</i> , 2014, 24, 777-778.	12.0	4
87	GATA Factors Promote ER Integrity and $\hat{2}$ -Cell Survival and Contribute to Type 1 Diabetes Risk. <i>Molecular Endocrinology</i> , 2014, 28, 28-39.	3.7	17
88	Targeted and genome-wide sequencing reveal single nucleotide variations impacting specificity of Cas9 in human stem cells. <i>Nature Communications</i> , 2014, 5, 5507.	12.8	128
89	Strategies for Cardiac Regeneration and Repair. <i>Science Translational Medicine</i> , 2014, 6, 239rv1.	12.4	100
90	Hippo Activation in Arrhythmogenic Cardiomyopathy. <i>Circulation Research</i> , 2014, 114, 402-405.	4.5	18

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91	Harnessing Hippo in the heart: Hippo/Yap signaling and applications to heart regeneration and rejuvenation. <i>Stem Cell Research</i> , 2014, 13, 571-581.	0.7	49
92	Cardiac-Specific YAP Activation Improves Cardiac Function and Survival in an Experimental Murine MI Model. <i>Circulation Research</i> , 2014, 115, 354-363.	4.5	324
93	Modeling the mitochondrial cardiomyopathy of Barth syndrome with induced pluripotent stem cell and heart-on-chip technologies. <i>Nature Medicine</i> , 2014, 20, 616-623.	30.7	733
94	Introduction to the Special Issue on Heart Regeneration and Rejuvenation. <i>Stem Cell Research</i> , 2014, 13, 521-522.	0.7	3
95	Insights into the Genetic Structure of Congenital Heart Disease from Human and Murine Studies on Monogenic Disorders. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a013946-a013946.	6.2	39
96	Epicardium-to-fat transition in injured heart. <i>Cell Research</i> , 2014, 24, 1367-1369.	12.0	49
97	De novo formation of a distinct coronary vascular population in neonatal heart. <i>Science</i> , 2014, 345, 90-94.	12.6	181
98	Dynamic GATA4 enhancers shape the chromatin landscape central to heart development and disease. <i>Nature Communications</i> , 2014, 5, 4907.	12.8	142
99	GATA4 represses an ileal program of gene expression in the proximal small intestine by inhibiting the acetylation of histone H3, lysine 27. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1273-1282.	1.9	14
100	Ultrasound-guided Transthoracic Intramyocardial Injection in Mice. <i>Journal of Visualized Experiments</i> , 2014, , e51566.	0.3	10
101	Modified mRNA directs the fate of heart progenitor cells and induces vascular regeneration after myocardial infarction. <i>Nature Biotechnology</i> , 2013, 31, 898-907.	17.5	528
102	WT1 Maintains Adrenal-Gonadal Primordium Identity and Marks a Population of AGP-like Progenitors within the Adrenal Gland. <i>Developmental Cell</i> , 2013, 27, 5-18.	7.0	98
103	Developing insights into cardiac regeneration. <i>Development (Cambridge)</i> , 2013, 140, 3933-3937.	2.5	14
104	A simple method for deriving functional MSCs and applied for osteogenesis in 3D scaffolds. <i>Scientific Reports</i> , 2013, 3, 2243.	3.3	108
105	The mysterious origins of coronary vessels. <i>Cell Research</i> , 2013, 23, 1063-1064.	12.0	6
106	Timing of Myocardial <i>Trpm7</i> Deletion During Cardiogenesis Variably Disrupts Adult Ventricular Function, Conduction, and Repolarization. <i>Circulation</i> , 2013, 128, 101-114.	1.6	94
107	HCN4 Charges Up the First Heart Field. <i>Circulation Research</i> , 2013, 113, 350-351.	4.5	5
108	A dynamic H3K27ac signature identifies VEGFA-stimulated endothelial enhancers and requires EP300 activity. <i>Genome Research</i> , 2013, 23, 917-927.	5.5	83

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109	Interrogating translational efficiency and lineage-specific transcriptomes using ribosome affinity purification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15395-15400.	7.1	116
110	mir-17â€“92 Cluster Is Required for and Sufficient to Induce Cardiomyocyte Proliferation in Postnatal and Adult Hearts. <i>Circulation Research</i> , 2013, 112, 1557-1566.	4.5	348
111	Peritruncal Coronary Endothelial Cells Contribute to Proximal Coronary Artery Stems and Their Aortic Orifices in the Mouse Heart. <i>PLoS ONE</i> , 2013, 8, e80857.	2.5	38
112	Congenital Heart Diseaseâ€“Causing Gata4 Mutation Displays Functional Deficits In Vivo. <i>PLoS Genetics</i> , 2012, 8, e1002690.	3.5	77
113	Cardiac Expression of <i>ms1/STARS</i> , a Novel Gene Involved in Cardiac Development and Disease, Is Regulated by GATA4. <i>Molecular and Cellular Biology</i> , 2012, 32, 1830-1843.	2.3	12
114	CIP, a Cardiac Isl1-Interacting Protein, Represses Cardiomyocyte Hypertrophy. <i>Circulation Research</i> , 2012, 110, 818-830.	4.5	28
115	Mature Cardiomyocytes Recall Their Progenitor Experience Via Polycomb Repressive Complex 2. <i>Circulation Research</i> , 2012, 111, 162-164.	4.5	5
116	Genetic and environmental risk factors in congenital heart disease functionally converge in protein networks driving heart development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14035-14040.	7.1	117
117	PRC2 directly methylates GATA4 and represses its transcriptional activity. <i>Genes and Development</i> , 2012, 26, 37-42.	5.9	232
118	YAP1, the nuclear target of Hippo signaling, stimulates heart growth through cardiomyocyte proliferation but not hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2394-2399.	7.1	475
119	Transcription Factor GATA4 Is Activated but Not Required for Insulin-like Growth Factor 1 (IGF1)-induced Cardiac Hypertrophy. <i>Journal of Biological Chemistry</i> , 2012, 287, 9827-9834.	3.4	19
120	Endostatin lowers blood pressure via nitric oxide and prevents hypertension associated with VEGF inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11306-11311.	7.1	39
121	Endocardial and Epicardial Epithelial to Mesenchymal Transitions in Heart Development and Disease. <i>Circulation Research</i> , 2012, 110, 1628-1645.	4.5	344
122	Genetic Cre-loxP Assessment of Epicardial Cell Fate Using Wt1-Driven Cre Alleles. <i>Circulation Research</i> , 2012, 111, e276-80.	4.5	72
123	Cardiac-Targeted TRPM7 Deletion Induces Heart Block and Cardiomyopathy via Disrupted Embryonic Ventricular Development. <i>Biophysical Journal</i> , 2012, 102, 344a.	0.5	0
124	Equal modulation of endothelial cell function by four distinct tissue-specific mesenchymal stem cells. <i>Angiogenesis</i> , 2012, 15, 443-455.	7.2	106
125	Thymosin beta 4 treatment after myocardial infarction does not reprogram epicardial cells into cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 43-47.	1.9	122
126	Myocardial regeneration: expanding the repertoire of thymosin β 4 in the ischemic heart. <i>Annals of the New York Academy of Sciences</i> , 2012, 1269, 92-101.	3.8	35

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127	Polycomb Repressive Complex 2 Regulates Normal Development of the Mouse Heart. <i>Circulation Research</i> , 2012, 110, 406-415.	4.5	188
128	Isolation and Characterization of Embryonic and Adult Epicardium and Epicardium-Derived Cells. <i>Methods in Molecular Biology</i> , 2012, 843, 155-168.	0.9	22
129	Regulation of GATA4 Transcriptional Activity in Cardiovascular Development and Disease. <i>Current Topics in Developmental Biology</i> , 2012, 100, 143-169.	2.2	88
130	Mammalian Myocardial Regeneration. , 2012, , 555-569.		2
131	De novo cardiomyocytes from within the activated adult heart after injury. <i>Nature</i> , 2011, 474, 640-644.	27.8	602
132	Reprogramming Fibroblasts into Cardiomyocytes. <i>New England Journal of Medicine</i> , 2011, 364, 177-178.	27.0	18
133	Conditional ablation of Gata4 and Fog2 genes in mice reveals their distinct roles in mammalian sexual differentiation. <i>Developmental Biology</i> , 2011, 353, 229-241.	2.0	70
134	Adult Cardiac-Resident MSC-like Stem Cells with a Proepicardial Origin. <i>Cell Stem Cell</i> , 2011, 9, 527-540.	11.1	358
135	WT1 regulates epicardial epithelial to mesenchymal transition through β -catenin and retinoic acid signaling pathways. <i>Developmental Biology</i> , 2011, 356, 421-431.	2.0	208
136	A Tbx1-Six1/Eya1-Fgf8 genetic pathway controls mammalian cardiovascular and craniofacial morphogenesis. <i>Journal of Clinical Investigation</i> , 2011, 121, 2060-2060.	8.2	0
137	Epicardial epithelial-to-mesenchymal transition in injured heart. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2781-2783.	3.6	60
138	Septum transversum-derived mesothelium gives rise to hepatic stellate cells and perivascular mesenchymal cells in developing mouse liver. <i>Hepatology</i> , 2011, 53, 983-995.	7.3	253
139	Transcription factor genes <i>Smad4</i> and <i>Gata4</i> cooperatively regulate cardiac valve development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4006-4011.	7.1	98
140	Serine 105 phosphorylation of transcription factor GATA4 is necessary for stress-induced cardiac hypertrophy in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12331-12336.	7.1	89
141	CompleteMOTIFs: DNA motif discovery platform for transcription factor binding experiments. <i>Bioinformatics</i> , 2011, 27, 715-717.	4.1	43
142	miR-155 Inhibits Expression of the MEF2A Protein to Repress Skeletal Muscle Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 35339-35346.	3.4	91
143	Co-occupancy by multiple cardiac transcription factors identifies transcriptional enhancers active in heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5632-5637.	7.1	316
144	A Tbx1-Six1/Eya1-Fgf8 genetic pathway controls mammalian cardiovascular and craniofacial morphogenesis. <i>Journal of Clinical Investigation</i> , 2011, 121, 1585-1595.	8.2	123

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145	Adult mouse epicardium modulates myocardial injury by secreting paracrine factors. <i>Journal of Clinical Investigation</i> , 2011, 121, 1894-1904.	8.2	438
146	Inducible cardiomyocyte-specific gene disruption directed by the rat <i>Tnnt2</i> promoter in the mouse. <i>Genesis</i> , 2010, 48, 63-72.	1.6	27
147	Expression and Function of MicroRNAs in Heart Disease. <i>Current Drug Targets</i> , 2010, 11, 913-925.	2.1	62
148	Dissecting spatio-temporal protein networks driving human heart development and related disorders. <i>Molecular Systems Biology</i> , 2010, 6, 381.	7.2	80
149	Heart Failure-Associated Changes in RNA Splicing of Sarcomere Genes. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 138-146.	5.1	137
150	Conditional <i>Gata4</i> deletion in mice induces bile acid absorption in the proximal small intestine. <i>Gut</i> , 2010, 59, 888-895.	12.1	35
151	Genome-Wide Location Analysis by Pull Down of In Vivo Biotinylated Transcription Factors. <i>Current Protocols in Molecular Biology</i> , 2010, 92, Unit 21.20.	2.9	30
152	Genetic fate mapping demonstrates contribution of epicardium-derived cells to the annulus fibrosus of the mammalian heart. <i>Developmental Biology</i> , 2010, 338, 251-261.	2.0	138
153	Synergistic effects of the GATA-4-mediated miR-144/451 cluster in protection against simulated ischemia/reperfusion-induced cardiomyocyte death. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 841-850.	1.9	166
154	MicroRNA-1 Negatively Regulates Expression of the Hypertrophy-Associated Calmodulin and <i>Mef2a</i> Genes. <i>Molecular and Cellular Biology</i> , 2009, 29, 2193-2204.	2.3	358
155	Identification of a Cardiac Disease Modifier Gene Using Forward Genetics in the Mouse. <i>PLoS Genetics</i> , 2009, 5, e1000643.	3.5	4
156	<i>Fog2</i> is critical for cardiac function and maintenance of coronary vasculature in the adult mouse heart. <i>Journal of Clinical Investigation</i> , 2009, 119, 1462-1476.	8.2	64
157	Epicardial progenitors contribute to the cardiomyocyte lineage in the developing heart. <i>Nature</i> , 2008, 454, 109-113.	27.8	905
158	Reassessment of <i>Isl1</i> and <i>Nkx2-5</i> cardiac fate maps using a <i>Gata4</i> -based reporter of <i>Cre</i> activity. <i>Developmental Biology</i> , 2008, 323, 98-104.	2.0	196
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