

# Bin Zhou

## List of Publications by Citations

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353  
papers

18,726  
citations

65  
h-index

128  
g-index

387  
ext. papers

25,263  
ext. citations

11  
avg, IF

6.94  
L-index

#	Paper	IF	Citations
353	Metascape provides a biologist-oriented resource for the analysis of systems-level datasets. <i>Nature Communications</i> , <b>2019</b> , 10, 1523	17.4	2938
352	Epicardial progenitors contribute to the cardiomyocyte lineage in the developing heart. <i>Nature</i> , <b>2008</b> , 454, 109-13	50.4	783
351	A long noncoding RNA protects the heart from pathological hypertrophy. <i>Nature</i> , <b>2014</b> , 514, 102-106	50.4	529
350	De novo cardiomyocytes from within the activated adult heart after injury. <i>Nature</i> , <b>2011</b> , 474, 640-4	50.4	515
349	A small molecule inhibitor of ubiquitin-specific protease-7 induces apoptosis in multiple myeloma cells and overcomes bortezomib resistance. <i>Cancer Cell</i> , <b>2012</b> , 22, 345-58	24.3	393
348	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> , <b>2012</b> , 109, 2394-9	11.5	368
347	Adult mouse epicardium modulates myocardial injury by secreting paracrine factors. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1894-904	15.9	362
346	Resident fibroblast lineages mediate pressure overload-induced cardiac fibrosis. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2921-34	15.9	359
345	Chromatin regulation by Brg1 underlies heart muscle development and disease. <i>Nature</i> , <b>2010</b> , 466, 62-7	50.4	355
344	Bi-directional differentiation of single bronchioalveolar stem cells during lung repair. <i>Cell Discovery</i> , <b>2020</b> , 6, 1	22.3	328
343	Adult cardiac-resident MSC-like stem cells with a proepicardial origin. <i>Cell Stem Cell</i> , <b>2011</b> , 9, 527-40	18	313
342	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. <i>Nature</i> , <b>2015</b> , 525, 479-85	50.4	309
341	In vitro and in vivo selective antitumor activity of a novel orally bioavailable proteasome inhibitor MLN9708 against multiple myeloma cells. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 5311-21	12.9	256
340	Endocardial cells form the coronary arteries by angiogenesis through myocardial-endocardial VEGF signaling. <i>Cell</i> , <b>2012</b> , 151, 1083-96	56.2	254
339	Cardiac-specific YAP activation improves cardiac function and survival in an experimental murine MI model. <i>Circulation Research</i> , <b>2014</b> , 115, 354-63	15.7	239
338	Resident c-kit(+) cells in the heart are not cardiac stem cells. <i>Nature Communications</i> , <b>2015</b> , 6, 8701	17.4	216
337	Septum transversum-derived mesothelium gives rise to hepatic stellate cells and perivascular mesenchymal cells in developing mouse liver. <i>Hepatology</i> , <b>2011</b> , 53, 983-95	11.2	211

336	WT1 regulates epicardial epithelial to mesenchymal transition through E-catenin and retinoic acid signaling pathways. <i>Developmental Biology</i> , <b>2011</b> , 356, 421-31	3.1	173
335	Reassessment of Isl1 and Nkx2-5 cardiac fate maps using a Gata4-based reporter of Cre activity. <i>Developmental Biology</i> , <b>2008</b> , 323, 98-104	3.1	165
334	Platelet-derived growth factor receptor beta signaling is required for efficient epicardial cell migration and development of two distinct coronary vascular smooth muscle cell populations. <i>Circulation Research</i> , <b>2008</b> , 103, 1393-401	15.7	155
333	In vitro and in vivo differentiation of human umbilical cord derived stem cells into endothelial cells. <i>Journal of Cellular Biochemistry</i> , <b>2007</b> , 100, 608-16	4.7	145
332	Subepicardial endothelial cells invade the embryonic ventricle wall to form coronary arteries. <i>Cell Research</i> , <b>2013</b> , 23, 1075-90	24.7	143
331	High salt primes a specific activation state of macrophages, M(Na). <i>Cell Research</i> , <b>2015</b> , 25, 893-910	24.7	140
330	Partitioning the heart: mechanisms of cardiac septation and valve development. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 3277-99	6.6	138
329	Vessel formation. De novo formation of a distinct coronary vascular population in neonatal heart. <i>Science</i> , <b>2014</b> , 345, 90-4	33.3	136
328	Lung regeneration by multipotent stem cells residing at the bronchioalveolar-duct junction. <i>Nature Genetics</i> , <b>2019</b> , 51, 728-738	36.3	132
327	Oxidized low density lipoprotein impairs endothelial progenitor cells by regulation of endothelial nitric oxide synthase. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 1227-37	6.3	131
326	Endothelial cells are progenitors of cardiac pericytes and vascular smooth muscle cells. <i>Nature Communications</i> , <b>2016</b> , 7, 12422	17.4	130
325	Transcriptomic Profiling Maps Anatomically Patterned Subpopulations among Single Embryonic Cardiac Cells. <i>Developmental Cell</i> , <b>2016</b> , 39, 491-507	10.2	129
324	Nfatc1 coordinates valve endocardial cell lineage development required for heart valve formation. <i>Circulation Research</i> , <b>2011</b> , 109, 183-92	15.7	123
323	Enhancing the precision of genetic lineage tracing using dual recombinases. <i>Nature Medicine</i> , <b>2017</b> , 23, 1488-1498	50.5	122
322	Genetic fate mapping demonstrates contribution of epicardium-derived cells to the annulus fibrosis of the mammalian heart. <i>Developmental Biology</i> , <b>2010</b> , 338, 251-61	3.1	119
321	Cellular origin and developmental program of coronary angiogenesis. <i>Circulation Research</i> , <b>2015</b> , 116, 515-30	15.7	117
320	Yap1 is required for endothelial to mesenchymal transition of the atrioventricular cushion. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 18681-92	5.4	117
319	Nkx2-5- and Isl1-expressing cardiac progenitors contribute to proepicardium. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 375, 450-3	3.4	113

318	Genetic Lineage Tracing of Nonmyocyte Population by Dual Recombinases. <i>Circulation</i> , <b>2018</b> , 138, 793-805.	7	111
317	Hypoxia-inducible factor (HIF)-1 alpha directly enhances the transcriptional activity of stem cell factor (SCF) in response to hypoxia and epidermal growth factor (EGF). <i>Carcinogenesis</i> , <b>2008</b> , 29, 1853-61.	4.6	109
316	A Tbx1-Six1/Eya1-Fgf8 genetic pathway controls mammalian cardiovascular and craniofacial morphogenesis. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1585-95	15.9	105
315	Genetic lineage tracing identifies in situ Kit-expressing cardiomyocytes. <i>Cell Research</i> , <b>2016</b> , 26, 119-30	24.7	104
314	Osteogenic fate of hypertrophic chondrocytes. <i>Cell Research</i> , <b>2014</b> , 24, 1266-9	24.7	102
313	Dedifferentiation, Proliferation, and Redifferentiation of Adult Mammalian Cardiomyocytes After Ischemic Injury. <i>Circulation</i> , <b>2017</b> , 136, 834-848	16.7	101
312	Reassessing endothelial-to-mesenchymal transition in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , <b>2018</b> , 15, 445-456	14.8	100
311	Regulation of the murine Nfatc1 gene by NFATc2. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 10704-11	5.4	100
310	Cell-matrix signals specify bone endothelial cells during developmental osteogenesis. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 189-201	23.4	99
309	The cerebral cavernous malformation pathway controls cardiac development via regulation of endocardial MEKK3 signaling and KLF expression. <i>Developmental Cell</i> , <b>2015</b> , 32, 168-80	10.2	98
308	Thymosin beta 4 treatment after myocardial infarction does not reprogram epicardial cells into cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 52, 43-7	5.8	98
307	Preexisting endothelial cells mediate cardiac neovascularization after injury. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 2968-2981	15.9	97
306	Therapeutic effect of human umbilical cord multipotent mesenchymal stromal cells in a rat model of stroke. <i>Transplantation</i> , <b>2009</b> , 87, 350-9	1.8	93
305	Control of cardiac jelly dynamics by NOTCH1 and NRG1 defines the building plan for trabeculation. <i>Nature</i> , <b>2018</b> , 557, 439-445	50.4	88
304	Equal modulation of endothelial cell function by four distinct tissue-specific mesenchymal stem cells. <i>Angiogenesis</i> , <b>2012</b> , 15, 443-55	10.6	86
303	Genetic targeting of sprouting angiogenesis using Apln-CreER. <i>Nature Communications</i> , <b>2015</b> , 6, 6020	17.4	85
302	Multi-dysfunctional pathophysiology in ITP. <i>Critical Reviews in Oncology/Hematology</i> , <b>2005</b> , 54, 107-16	7	84
301	Endocardium Minimally Contributes to Coronary Endothelium in the Embryonic Ventricular Free Walls. <i>Circulation Research</i> , <b>2016</b> , 118, 1880-93	15.7	82

300	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> , <b>2013</b> , 110, 15395-400	11.5	80
299	Cardiac Cavity Tracking: CACCT: An Automated Tool of Detecting Complicated Cardiac Malformations in Mouse Models (Adv. Sci. 8/2020). <i>Advanced Science</i> , <b>2020</b> , 7, 2070042	13.6	78
298	A Tbx1-Six1/Eya1-Fgf8 genetic pathway controls mammalian cardiovascular and craniofacial morphogenesis. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 2060-2060	15.9	78
297	Cardiomyocyte-specific deletion of the coxsackievirus and adenovirus receptor results in hyperplasia of the embryonic left ventricle and abnormalities of sinuatrial valves. <i>Circulation Research</i> , <b>2006</b> , 98, 923-30	15.7	77
296	Stem cell engraftment and survival in the ischemic heart. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 1917-25	2.7	75
295	Hemodynamic Forces Sculpt Developing Heart Valves through a KLF2-WNT9B Paracrine Signaling Axis. <i>Developmental Cell</i> , <b>2017</b> , 43, 274-289.e5	10.2	70
294	GATA4 regulates Fgf16 to promote heart repair after injury. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 936-45	15.6	70
293	Characterization of Nfatc1 regulation identifies an enhancer required for gene expression that is specific to pro-valve endocardial cells in the developing heart. <i>Development (Cambridge)</i> , <b>2005</b> , 132, 1137-46	6.6	69
292	Capillary cell-type specialization in the alveolus. <i>Nature</i> , <b>2020</b> , 586, 785-789	50.4	69
291	Therapeutic potential of human umbilical cord derived stem cells in a rat myocardial infarction model. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 83, 1491-8	2.7	68
290	Genome editing with CRISPR/Cas9 in postnatal mice corrects PRKAG2 cardiac syndrome. <i>Cell Research</i> , <b>2016</b> , 26, 1099-1111	24.7	67
289	Sequential Ligand-Dependent Notch Signaling Activation Regulates Valve Primordium Formation and Morphogenesis. <i>Circulation Research</i> , <b>2016</b> , 118, 1480-97	15.7	66
288	Genetic lineage tracing identifies endocardial origin of liver vasculature. <i>Nature Genetics</i> , <b>2016</b> , 48, 537-43	36.3	65
287	VEGF-C and aortic cardiomyocytes guide coronary artery stem development. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 4899-914	15.9	64
286	Conditional ablation of Gata4 and Fog2 genes in mice reveals their distinct roles in mammalian sexual differentiation. <i>Developmental Biology</i> , <b>2011</b> , 353, 229-41	3.1	63
285	Epithelial Vegfa Specifies a Distinct Endothelial Population in the Mouse Lung. <i>Developmental Cell</i> , <b>2020</b> , 52, 617-630.e6	10.2	61
284	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 841-51	23.4	61
283	Mfsd2a+ hepatocytes repopulate the liver during injury and regeneration. <i>Nature Communications</i> , <b>2016</b> , 7, 13369	17.4	60

282	Genetic Cre-loxP assessment of epicardial cell fate using Wt1-driven Cre alleles. <i>Circulation Research</i> , <b>2012</b> , 111, e276-80	15.7	58
281	DNA methylation is developmentally regulated for genes essential for cardiogenesis. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000976	6	57
280	Role of Resident Stem Cells in Vessel Formation and Arteriosclerosis. <i>Circulation Research</i> , <b>2018</b> , 122, 1608-1624	15.7	57
279	Tbx20 acts upstream of Wnt signaling to regulate endocardial cushion formation and valve remodeling during mouse cardiogenesis. <i>Development (Cambridge)</i> , <b>2013</b> , 140, 3176-87	6.6	56
278	EP3 receptor deficiency attenuates pulmonary hypertension through suppression of Rho/TGF- $\beta$ signaling. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1228-42	15.9	56
277	Fog2 is critical for cardiac function and maintenance of coronary vasculature in the adult mouse heart. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1462-76	15.9	55
276	Endocardial to myocardial notch-wnt-bmp axis regulates early heart valve development. <i>PLoS ONE</i> , <b>2013</b> , 8, e60244	3.7	55
275	T-Cell Mineralocorticoid Receptor Controls Blood Pressure by Regulating Interferon-Gamma. <i>Circulation Research</i> , <b>2017</b> , 120, 1584-1597	15.7	54
274	Overexpression of Sirt1 in mesenchymal stem cells protects against bone loss in mice by FOXO3a deacetylation and oxidative stress inhibition. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 88, 61-71	12.7	54
273	Arterial Sca1 Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. <i>Cell Stem Cell</i> , <b>2020</b> , 26, 81-96.e4	18	54
272	c-kit(+) cells adopt vascular endothelial but not epithelial cell fates during lung maintenance and repair. <i>Nature Medicine</i> , <b>2015</b> , 21, 866-8	50.5	50
271	A role for cancer-associated fibroblasts in inducing the epithelial-to-mesenchymal transition in human tongue squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2014</b> , 43, 585-92	3.3	48
270	Insulin-Like Growth Factor 1 Receptor-Dependent Pathway Drives Epicardial Adipose Tissue Formation After Myocardial Injury. <i>Circulation</i> , <b>2017</b> , 135, 59-72	16.7	48
269	Apelin Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. <i>Cell Stem Cell</i> , <b>2019</b> , 25, 768-783.e6	18	48
268	Single-Cell RNA-Seq of the Developing Cardiac Outflow Tract Reveals Convergent Development of the Vascular Smooth Muscle Cells. <i>Cell Reports</i> , <b>2019</b> , 28, 1346-1361.e4	10.6	47
267	Mouse and human CRKL is dosage sensitive for cardiac outflow tract formation. <i>American Journal of Human Genetics</i> , <b>2015</b> , 96, 235-44	11	47
266	Epicardial epithelial-to-mesenchymal transition in injured heart. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 2781-3	5.6	47
265	G-CSF-mobilized peripheral blood mononuclear cells from diabetic patients augment neovascularization in ischemic limbs but with impaired capability. <i>Journal of Thrombosis and Haemostasis</i> , <b>2006</b> , 4, 993-1002	15.4	47

264	In Vivo AAV-CRISPR/Cas9-Mediated Gene Editing Ameliorates Atherosclerosis in Familial Hypercholesterolemia. <i>Circulation</i> , <b>2020</b> , 141, 67-79	16.7	46
263	Mineralocorticoid Receptor Deficiency in Macrophages Inhibits Neointimal Hyperplasia and Suppresses Macrophage Inflammation Through SGK1-AP1/NF- $\kappa$ B Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 874-85	9.4	45
262	Brg1 governs a positive feedback circuit in the hair follicle for tissue regeneration and repair. <i>Developmental Cell</i> , <b>2013</b> , 25, 169-81	10.2	44
261	Neural ganglioside GD2 identifies a subpopulation of mesenchymal stem cells in umbilical cord. <i>Cellular Physiology and Biochemistry</i> , <b>2009</b> , 23, 415-24	3.9	44
260	Regulatory T-cells regulate neonatal heart regeneration by potentiating cardiomyocyte proliferation in a paracrine manner. <i>Theranostics</i> , <b>2019</b> , 9, 4324-4341	12.1	42
259	Cellular therapy and myocardial tissue engineering: the role of adult stem and progenitor cells. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2006</b> , 30, 770-81	3	42
258	Lineage Tracing Reveals the Bipotency of SOX9 Hepatocytes during Liver Regeneration. <i>Stem Cell Reports</i> , <b>2019</b> , 12, 624-638	8	42
257	Endocardial Cell Plasticity in Cardiac Development, Diseases and Regeneration. <i>Circulation Research</i> , <b>2018</b> , 122, 774-789	15.7	41
256	Regulatory T Cells Promote Apelin-Mediated Sprouting Angiogenesis in Type 2 Diabetes. <i>Cell Reports</i> , <b>2018</b> , 24, 1610-1626	10.6	41
255	Proliferation tracing reveals regional hepatocyte generation in liver homeostasis and repair. <i>Science</i> , <b>2021</b> , 371,	33.3	41
254	CCN1-Induced Cellular Senescence Promotes Heart Regeneration. <i>Circulation</i> , <b>2019</b> , 139, 2495-2498	16.7	40
253	Hand2 is an essential regulator for two Notch-dependent functions within the embryonic endocardium. <i>Cell Reports</i> , <b>2014</b> , 9, 2071-83	10.6	40
252	Epicardium-to-fat transition in injured heart. <i>Cell Research</i> , <b>2014</b> , 24, 1367-9	24.7	39
251	Notch-Tnf signalling is required for development and homeostasis of arterial valves. <i>European Heart Journal</i> , <b>2017</b> , 38, 675-686	9.5	39
250	Vertebrate Fidgetin Restrains Axonal Growth by Severing Labile Domains of Microtubules. <i>Cell Reports</i> , <b>2015</b> , 12, 1723-30	10.6	38
249	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , <b>2017</b> , 8, 87	17.4	38
248	Cytotoxic diarylheptanoid induces cell cycle arrest and apoptosis via increasing ATF3 and stabilizing p53 in SH-SY5Y cells. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2009</b> , 63, 1131-9	3.5	38
247	Developmental Mechanisms of Aortic Valve Malformation and Disease. <i>Annual Review of Physiology</i> , <b>2017</b> , 79, 21-41	23.1	37

246	Genetic Fate Mapping Defines the Vascular Potential of Endocardial Cells in the Adult Heart. <i>Circulation Research</i> , <b>2018</b> , 122, 984-993	15.7	37
245	A reference map of murine cardiac transcription factor chromatin occupancy identifies dynamic and conserved enhancers. <i>Nature Communications</i> , <b>2019</b> , 10, 4907	17.4	37
244	Brain Endothelial Cells Maintain Lactate Homeostasis and Control Adult Hippocampal Neurogenesis. <i>Cell Stem Cell</i> , <b>2019</b> , 25, 754-767.e9	18	37
243	Mapping cell type-specific transcriptional enhancers using high affinity, lineage-specific Ep300 bioChIP-seq. <i>ELife</i> , <b>2017</b> , 6,	8.9	35
242	Wt1 directs the lineage specification of sertoli and granulosa cells by repressing Sf1 expression. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 44-53	6.6	35
241	Cadherin-11 Overexpression Induces Extracellular Matrix Remodeling and Calcification in Mature Aortic Valves. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1627-37	9.4	35
240	Epicardium is required for cardiac seeding by yolk sac macrophages, precursors of resident macrophages of the adult heart. <i>Developmental Biology</i> , <b>2016</b> , 413, 153-159	3.1	35
239	Mesenchymal stem/stromal cells (MSC) transfected with stromal derived factor 1 (SDF-1) for therapeutic neovascularization: enhancement of cell recruitment and entrapment. <i>Medical Hypotheses</i> , <b>2007</b> , 68, 1268-71	3.8	35
238	Clonal Proliferation and Stochastic Pruning Orchestrate Lymph Node Vasculature Remodeling. <i>Immunity</i> , <b>2016</b> , 45, 877-888	32.3	34
237	Embryonic attenuated Wnt/ $\beta$ -catenin signaling defines niche location and long-term stem cell fate in hair follicle. <i>ELife</i> , <b>2015</b> , 4, e10567	8.9	34
236	Endothelin-1 critically influences cardiac function via superoxide-MMP9 cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 5141-6	11.5	33
235	Endocardium Contributes to Cardiac Fat. <i>Circulation Research</i> , <b>2016</b> , 118, 254-65	15.7	33
234	Myocardial regeneration: expanding the repertoire of thymosin $\beta$ 4 in the ischemic heart. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1269, 92-101	6.5	33
233	Transcriptional regulation of survivin by c-Myc in BCR/ABL-transformed cells: implications in anti-leukaemic strategy. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 2039-2052	5.6	33
232	Mitochondrial fission determines cisplatin sensitivity in tongue squamous cell carcinoma through the BRCA1-miR-593-5p-MFF axis. <i>Oncotarget</i> , <b>2015</b> , 6, 14885-904	3.3	33
231	Notch Signaling Coordinates Progenitor Cell-Mediated Biliary Regeneration Following Partial Hepatectomy. <i>Scientific Reports</i> , <b>2016</b> , 6, 22754	4.9	33
230	Recipient c-Kit Lineage Cells Repopulate Smooth Muscle Cells of Transplant Arteriosclerosis in Mouse Models. <i>Circulation Research</i> , <b>2019</b> , 125, 223-241	15.7	32
229	ZnAs@SiO nanoparticles as a potential anti-tumor drug for targeting stemness and epithelial-mesenchymal transition in hepatocellular carcinoma via SHP-1/JAK2/STAT3 signaling. <i>Theranostics</i> , <b>2019</b> , 9, 4391-4408	12.1	32



228	Exome sequencing and digital PCR analyses reveal novel mutated genes related to the metastasis of pancreatic ductal adenocarcinoma. <i>Cancer Biology and Therapy</i> , <b>2012</b> , 13, 871-9	4.6	32
227	TPO-independent megakaryocytopoiesis. <i>Critical Reviews in Oncology/Hematology</i> , <b>2008</b> , 65, 212-22	7	32
226	Roles of platelet factor 4 in hematopoiesis and angiogenesis. <i>Growth Factors</i> , <b>2006</b> , 24, 242-52	1.6	32
225	Single-Cell Lineage Tracing Reveals that Oriented Cell Division Contributes to Trabecular Morphogenesis and Regional Specification. <i>Cell Reports</i> , <b>2016</b> , 15, 158-170	10.6	32
224	Genetic Targeting of Organ-Specific Blood Vessels. <i>Circulation Research</i> , <b>2018</b> , 123, 86-99	15.7	32
223	Cardiac potential of stem cells from whole human umbilical cord tissue. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 107, 926-32	4.7	31
222	Cancer-associated fibroblasts confer cisplatin resistance of tongue cancer via autophagy activation. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 97, 1341-1348	7.5	31
221	Therapeutic neovascularization by transplantation of mobilized peripheral blood mononuclear cells for limb ischemia. A comparison between CD34+ and CD34- mononuclear cells. <i>Thrombosis and Haemostasis</i> , <b>2006</b> , 95, 301-11	7	30
220	Heart Regeneration by Endogenous Stem Cells and Cardiomyocyte Proliferation: Controversy, Fallacy, and Progress. <i>Circulation</i> , <b>2020</b> , 142, 275-291	16.7	30
219	Ubiquitination of RIPK1 suppresses programmed cell death by regulating RIPK1 kinase activation during embryogenesis. <i>Nature Communications</i> , <b>2019</b> , 10, 4158	17.4	29
218	Genetic lineage tracing discloses arteriogenesis as the main mechanism for collateral growth in the mouse heart. <i>Cardiovascular Research</i> , <b>2016</b> , 109, 419-30	9.9	29
217	Tie1 is required for lymphatic valve and collecting vessel development. <i>Developmental Biology</i> , <b>2015</b> , 399, 117-128	3.1	28
216	A molecular map of murine lymph node blood vascular endothelium at single cell resolution. <i>Nature Communications</i> , <b>2020</b> , 11, 3798	17.4	28
215	A suite of new Cre recombinase drivers markedly expands the ability to perform intersectional genetic targeting. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 1160-1176.e7	18	28
214	Early treatment with Resolvin E1 facilitates myocardial recovery from ischaemia in mice. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 1205-1216	8.6	27
213	BAF200 is required for heart morphogenesis and coronary artery development. <i>PLoS ONE</i> , <b>2014</b> , 9, e109493	3.7	27
212	Fate Mapping of Sca1 Cardiac Progenitor Cells in the Adult Mouse Heart. <i>Circulation</i> , <b>2018</b> , 138, 2967-2968	6.7	27
211	Endocardially Derived Macrophages Are Essential for Valvular Remodeling. <i>Developmental Cell</i> , <b>2019</b> , 48, 617-630.e3	10.2	26

210	REST regulates the cell cycle for cardiac development and regeneration. <i>Nature Communications</i> , <b>2017</b> , 8, 1979	17.4	26
209	Peritruncal coronary endothelial cells contribute to proximal coronary artery stems and their aortic orifices in the mouse heart. <i>PLoS ONE</i> , <b>2013</b> , 8, e80857	3.7	26
208	Endothelial progenitor cell therapy in atherosclerosis: a double-edged sword?. <i>Ageing Research Reviews</i> , <b>2009</b> , 8, 83-93	12	26
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