Bin Zhou

List of Publications by Year
in descending order

364 papers	30,368 citations	9756 73 h-index	6979 154 g-index
387 all docs	387 docs citations	387 times ranked	36942 citing authors

#	Article	IF	Citations
1	Vascular Sema3E-Plexin-D1 Signaling Reactivation Promotes Post-stroke Recovery through VEGF Downregulation in Mice. Translational Stroke Research, 2022, 13, 142-159.	2.3	13
2	Harnessing orthogonal recombinases to decipher cell fate with enhanced precision. Trends in Cell Biology, 2022, 32, 324-337.	3.6	13
3	Outcomes of patients with mucoepidermoid carcinoma of minor salivary gland in palate undergoing radical resection followed by submental flap reconstruction. Asian Journal of Surgery, 2022, 45, 1225-1230.	0.2	3
4	Heterogeneity in endothelial cells and widespread venous arterialization during early vascular development in mammals. Cell Research, 2022, 32, 333-348.	5.7	30
5	The Association of Plasma Trimethylamine N-Oxide with Coronary Atherosclerotic Burden in Patients with Type 2 Diabetes Among a Chinese North Population. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2022, Volume 15, 69-78.	1.1	2
6	Hepatocyte generation in liver homeostasis, repair, and regeneration. Cell Regeneration, 2022, 11, 2.	1.1	12
7	Role of Cardiac Fibroblasts in Cardiac Injury and Repair. Current Cardiology Reports, 2022, 24, 295-304.	1.3	10
8	Extension of Endocardium-Derived Vessels Generate Coronary Arteries in Neonates. Circulation Research, 2022, 130, 352-365.	2.0	14
9	Novel design for local fullâ€thickness skin graft: optimizing donor sites of radial forearm free flap. Journal of Cosmetic Dermatology, 2022, 21, 4595-4604.	0.8	1
10	Genetic Proliferation Tracing Reveals a Rapid Cell Cycle Withdrawal in Preadolescent Cardiomyocytes. Circulation, 2022, 145, 410-412.	1.6	9
11	Generation of three lines from multiorgan venous and lymphatic defect syndrome patients. Stem Cell Research, 2022, 60, 102679.	0.3	0
12	The essential role for endothelial cell sprouting in coronary collateral growth. Journal of Molecular and Cellular Cardiology, 2022, 165, 158-171.	0.9	5
13	YY1 Regulates Glucose Homeostasis Through Controlling Insulin Transcription in Pancreatic Î²-Cells. Diabetes, 2022, 71, 961-977.	0.3	6
14	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
15	Hgs Deficiency Caused Restrictive Cardiomyopathy via Disrupting Proteostasis. International Journal of Biological Sciences, 2022, 18, 2018-2031.	2.6	0
16	A specialized bone marrow microenvironment for fetal haematopoiesis. Nature Communications, 2022, 13, 1327.	5.8	18
17	Two-Lines-Four-Regions: A New Concept in Endoscopic-Assisted Surgery of Parotid Gland Tumors. Journal of Oral and Maxillofacial Surgery, 2022, , .	0.5	0
18	Radical resection and reconstruction in patients with adenoid cystic carcinoma in the minor salivary glands of the palate. Head & Face Medicine, 2022, 18, 10.	0.8	1

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19	Deep Learning Networks Accurately Detect ST-Segment Elevation Myocardial Infarction and Culprit Vessel. Frontiers in Cardiovascular Medicine, 2022, 9, 797207.	1.1	9
20	Coronary vessel formation in development and regeneration: origins and mechanisms. Journal of Molecular and Cellular Cardiology, 2022, 167, 67-82.	0.9	5
21	Genetic Lineage Tracing of Pericardial Cavity Macrophages in the Injured Heart. Circulation Research, 2022, 130, 1682-1697.	2.0	13
22	Dual Genetic Lineage Tracing Reveals Capillary to Artery Formation in the Adult Heart. Circulation, 2022, 145, 1179-1181.	1.6	3
23	Dual Cre and Dre recombinases mediate synchronized lineage tracing and cell subset ablation inÂvivo. Journal of Biological Chemistry, 2022, 298, 101965.	1.6	4
24	Lineage tracing clarifies the cellular origin of tissue-resident macrophages in the developing heart. Journal of Cell Biology, 2022, 221, .	2.3	12
25	Generation of <scp>Piezo1â€CreER</scp> transgenic mice for visualization and lineage tracing of mechanical force responsive cells in vivo. Genesis, 2022, 60, e23476.	0.8	3
26	Apelin-driven endothelial cell migration sustains intestinal progenitor cells and tumor growth. , 2022, 1, 476-490.		13
27	Systematic review and meta-analysis: association between obesity/overweight and surgical complications in IBD. International Journal of Colorectal Disease, 2022, 37, 1485-1496.	1.0	17
28	Cerebral cavernous malformation development in chronic mouse models driven by dual recombinases induced gene deletion in brain endothelial cells. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 2230-2244.	2.4	2
29	Piezo1-Regulated Mechanotransduction Controls Flow-Activated Lymphatic Expansion. Circulation Research, 2022, 131, .	2.0	16
30	Generation of an <scp>Ihhâ€mKate2â€Dre</scp> knockâ€in mouse line. Genesis, 2022, 60, .	0.8	2
31	A SOX17-PDGFB signaling axis regulates aortic root development. Nature Communications, 2022, 13, .	5.8	5
32	Vermilionectomy followed by reconstruction of the vermilion mucosa using allograft dermal matrix in patients with actinic cheilitis of the lower lip. Journal of Cosmetic Dermatology, 2021, 20, 263-266.	0.8	4
33	Bilateral, buccinator myomucosal advancement flaps to reconstruct central upper labial myomucosal defects after ablation of earlyâ€stage cancer in minor salivary glands. Journal of Cosmetic Dermatology, 2021, 20, 300-303.	0.8	0
34	Genetic lineage tracing reveals poor angiogenic potential of cardiac endothelial cells. Cardiovascular Research, 2021, 117, 256-270.	1.8	22
35	Sca1 ⁺ Cells Minimally Contribute to Smooth Muscle Cells in Atherosclerosis. Circulation Research, 2021, 128, 133-135.	2.0	23
36	Overexpression of Kdr in adult endocardium induces endocardial neovascularization and improves heart function after myocardial infarction. Cell Research, 2021, 31, 485-487.	5.7	11

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37	VEGF-B Promotes Endocardium-Derived Coronary Vessel Development and Cardiac Regeneration. Circulation, 2021, 143, 65-77.	1.6	57
38	Aplnr knockout mice display sex-specific changes in conditioned fear. Behavioural Brain Research, 2021, 400, 113059.	1.2	2
39	Specific MiRNAs in naÃ¯ve T cells associated with Hepatitis C Virus-induced Hepatocellular Carcinoma. Journal of Cancer, 2021, 12, 1-9.	1.2	7
40	Thymosin Î²4 released from functionalized self-assembling peptide activates epicardium and enhances repair of infarcted myocardium. Theranostics, 2021, 11, 4262-4280.	4.6	17
41	Strategies for site-specific recombination with high efficiency and precise spatiotemporal resolution. Journal of Biological Chemistry, 2021, 296, 100509.	1.6	38
42	Proliferation tracing reveals regional hepatocyte generation in liver homeostasis and repair. Science, 2021, 371, .	6.0	128
43	Sinoatrial node pacemaker cells: cardiomyocyte- or neuron-like cells?. Protein and Cell, 2021, 12, 518-519.	4.8	3
44	Use of allograft dermal matrix for repairing large oral epithelial defects: Outcomes of patients with lingual and buccal leukoplakia. Journal of Cosmetic Dermatology, 2021, 20, 2753-2757.	0.8	1
45	PDGFRb+ mesenchymal cells, but not NG2+ mural cells, contribute to cardiac fat. Cell Reports, 2021, 34, 108697.	2.9	13
46	Robust integration of multiple single-cell RNA sequencing datasets using a single reference space. Nature Biotechnology, 2021, 39, 877-884.	9.4	26
47	MAP3K2-regulated intestinal stromal cells define a distinct stem cell niche. Nature, 2021, 592, 606-610.	13.7	53
48	M-CSF, IL-6, and TGF-Î² promote generation of a new subset of tissue repair macrophage for traumatic brain injury recovery. Science Advances, 2021, 7, .	4.7	40
49	Pre-existing beta cells but not progenitors contribute to new beta cells in the adult pancreas. Nature Metabolism, 2021, 3, 352-365.	5.1	35
50	Endothelial Wnts control mammary epithelial patterning via fibroblast signaling. Cell Reports, 2021, 34, 108897.	2.9	15
51	The transcription factor Sox7 modulates endocardiac cushion formation contributed to atrioventricular septal defect through Wnt4/Bmp2 signaling. Cell Death and Disease, 2021, 12, 393.	2.7	11
52	Dual recombinases-based genetic lineage tracing for stem cell research with enhanced precision. Science China Life Sciences, 2021, 64, 2060-2072.	2.3	15
53	Mutations in RNA Methyltransferase Gene NSUN5 Confer High Risk of Outflow Tract Malformation. Frontiers in Cell and Developmental Biology, 2021, 9, 623394.	1.8	6
54	Genetic fate-mapping reveals surface accumulation but not deep organ invasion of pleural and peritoneal cavity macrophages following injury. Nature Communications, 2021, 12, 2863.	5.8	25

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55	PPDPF alleviates hepatic steatosis through inhibition of mTOR signaling. Nature Communications, 2021, 12, 3059.	5.8	18
56	Solvability of a Class of Singular Fourth Order Equations of Mongeâ€“AmpÃ¨re Type. Annals of PDE, 2021, 7, 1.	0.8	1
57	Impact of breast cancer risk factors on clinically relevant prognostic biomarkers for primary breast cancer. Breast Cancer Research and Treatment, 2021, 189, 483-495.	1.1	6
58	NOTCH Signaling in Aortic Valve Development and Calcific Aortic Valve Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 682298.	1.1	15
59	A suite of new Dre recombinase drivers markedly expands the ability to perform intersectional genetic targeting. Cell Stem Cell, 2021, 28, 1160-1176.e7.	5.2	74
60	Radiofrequency Catheter Ablation of Supraventricular Tachycardia in Patients With Pulmonary Hypertension: Feasibility and Long-Term Outcome. Frontiers in Physiology, 2021, 12, 674909.	1.3	5
61	Endothelial ontogeny and the establishment of vascular heterogeneity. BioEssays, 2021, 43, e2100036.	1.2	10
62	The Efficacy and Safety of Additional Anti-HER2-Targeting Drugs in the Treatment of HER2-Positive Advanced Breast Cancer: A Meta-Analysis. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1931-1940.	0.9	0
63	HIFU for the treatment of gastric cancer with liver metastases with unsuitable indications for hepatectomy and radiofrequency ablation: a prospective and propensity score-matched study. BMC Surgery, 2021, 21, 308.	0.6	9
64	The Spatiotemporal Expression of Notch1 and Numb and Their Functional Interaction during Cardiac Morphogenesis. Cells, 2021, 10, 2192.	1.8	8
65	Efficacy and Safety of a Novel Thrombectomy Device in Patients With Acute Ischemic Stroke: A Randomized Controlled Trial. Frontiers in Neurology, 2021, 12, 686253.	1.1	2
66	Perinatal angiogenesis from pre-existing coronary vessels via DLL4â€“NOTCH1 signalling. Nature Cell Biology, 2021, 23, 967-977.	4.6	21
67	Sca1 marks a reserve endothelial progenitor population that preferentially expand after injury. Cell Discovery, 2021, 7, 88.	3.1	10
68	Tracing the skeletal progenitor transition during postnatal bone formation. Cell Stem Cell, 2021, 28, 2122-2136.e3.	5.2	71
69	Association between vedolizumab and postoperative complications in IBD: a systematic review and meta-analysis. International Journal of Colorectal Disease, 2021, 36, 2081-2092.	1.0	10
70	Cell proliferation fate mapping reveals regional cardiomyocyte cell-cycle activity in subendocardial muscle of left ventricle. Nature Communications, 2021, 12, 5784.	5.8	33
71	Low-intensity pulsed ultrasound prevents angiotensin II-induced aortic smooth muscle cell phenotypic switch via hampering miR-17-5p and enhancing PPAR-Î³. European Journal of Pharmacology, 2021, 911, 174509.	1.7	1
72	Comparison of 3 techniques of surgical treatment of carotid body tumors. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 643-649.	0.2	3

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73	Targeting HSPA1A in ARID2-deficient lung adenocarcinoma. National Science Review, 2021, 8, nwab014.	4.6	9
74	Crk and Crkl have shared functions in neural crest cells for cardiac outflow tract septation and vascular smooth muscle differentiation. Human Molecular Genetics, 2021, , .	1.4	3
75	METTL3 improves cardiomyocyte proliferation upon myocardial infarction via upregulating miR-17-3p in a DGCR8-dependent manner. Cell Death Discovery, 2021, 7, 291.	2.0	15
76	Discovery of IHMT-EZH2-115 as a Potent and Selective Enhancer of Zeste Homolog 2 (EZH2) Inhibitor for the Treatment of B-Cell Lymphomas. Journal of Medicinal Chemistry, 2021, 64, 15170-15188.	2.9	12
77	Comparison of efficacy and safety between pembrolizumab combined with chemotherapy and simple chemotherapy in neoadjuvant therapy for esophageal squamous cell carcinoma. Journal of Gastrointestinal Oncology, 2021, 12, 2013-2021.	0.6	23
78	Prediction of severity and outcomes of colon ischaemia using a novel prognostic model: a clinical multicenter study. Annals of Medicine, 2021, 53, 1914-1923.	1.5	1
79	Pancreatic beta cell neogenesis: Debates and updates. Cell Metabolism, 2021, 33, 2105-2107.	7.2	1
80	Arsenite-loaded albumin nanoparticles for targeted synergistic chemo-photothermal therapy of HCC. Biomaterials Science, 2021, 10, 243-257.	2.6	11
81	Smooth muscle-derived macrophage-like cells contribute to multiple cell lineages in the atherosclerotic plaque. Cell Discovery, 2021, 7, 111.	3.1	19
82	Characteristics and Long-Term Ablation Outcomes of Supraventricular Arrhythmias in Hypertrophic Cardiomyopathy: A 10-Year, Single-Center Experience. Frontiers in Cardiovascular Medicine, 2021, 8, 766571.	1.1	4
83	Seamless Genetic Recording of Transiently Activated Mesenchymal Gene Expression in Endothelial Cells During Cardiac Fibrosis. Circulation, 2021, 144, 2004-2020.	1.6	25
84	Nfatc1â€™s Role in Mammary Epithelial Morphogenesis and Basal Stem/progenitor Cell Self-renewal. Journal of Mammary Gland Biology and Neoplasia, 2021, 26, 357-365.	1.0	1
85	Idiopathic Ventricular Arrhythmias Ablated in Different Subregions of the Aortic Sinuses of Valsalva: Anatomical Distribution, Precordial Electrocardiographic Notch Patterns, and Bipolar Electrographic Characteristics. Frontiers in Cardiovascular Medicine, 2021, 8, 778866.	1.1	1
86	Use of an anteriorly based ventral tongue flap to reconstruct the lower vermilion following earlyâ€stage cancer ablation. Journal of Cosmetic Dermatology, 2020, 19, 473-476.	0.8	1
87	Beneficial effect of ER stress preconditioning in protection against FFA-induced adipocyte inflammation via XBP1 in 3T3-L1 adipocytes. Molecular and Cellular Biochemistry, 2020, 463, 45-55.	1.4	8
88	The Formation of Coronary Vessels in Cardiac Development and Disease. Cold Spring Harbor Perspectives in Biology, 2020, 12, a037168.	2.3	12
89	Control of sinus venous valve and sinoatrial node development by endocardial NOTCH1. Cardiovascular Research, 2020, 116, 1473-1486.	1.8	9
90	FRS2Î±-dependent cell fate transition during endocardial cushion morphogenesis. Developmental Biology, 2020, 458, 88-97.	0.9	2

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91	Arterial Sca1+ Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. Cell Stem Cell, 2020, 26, 81-96.e4.	5.2	98
92	Generation and phenotype analysis of CysLTR1 L118F mutant mice. Journal of Cellular Biochemistry, 2020, 121, 2372-2384.	1.2	1
93	Dosage effect of multiple genes accounts for multisystem disorder of myotonic dystrophy type 1. Cell Research, 2020, 30, 133-145.	5.7	21
94	NFÎºB (Nuclear Factor Îº-Light-Chain Enhancer of Activated B Cells) Activity Regulates Cell-Typeâ€“Specific and Context-Specific Susceptibility to Calcification in the Aortic Valve. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 638-655.	1.1	35
95	DP1 Activation Reverses Age-Related Hypertension Via NEDD4L-Mediated T-Bet Degradation in T Cells. Circulation, 2020, 141, 655-666.	1.6	20
96	Neurogenic Niche Conversion Strategy Induces Migration and Functional Neuronal Differentiation of Neural Precursor Cells Following Brain Injury. Stem Cells and Development, 2020, 29, 235-248.	1.1	8
97	Survival and functional outcomes of patients who underwent facial-submental artery island flap reconstruction after oral cavity or HPV-negative oropharyngeal squamous cell carcinoma ablation. Journal of Stomatology, Oral and Maxillofacial Surgery, 2020, 121, 383-389.	0.5	8
98	Triple-cell lineage tracing by a dual reporter on a single allele. Journal of Biological Chemistry, 2020, 295, 690-700.	1.6	16
99	In Vivo AAV-CRISPR/Cas9â€“Mediated Gene Editing Ameliorates Atherosclerosis in Familial Hypercholesterolemia. Circulation, 2020, 141, 67-79.	1.6	124
100	The Gridlock transcriptional repressor impedes vertebrate heart regeneration by restricting expression of lysine methyltransferase. Development (Cambridge), 2020, 147, .	1.2	8
101	A novel parametric method-based nomogram of left ventricular internal diameters in normal Chinese adults. Annals of Translational Medicine, 2020, 8, 1079-1079.	0.7	0
102	Supraventricular tachycardia in patients with coronary sinus stenosis/atresia: Prevalence, anatomical features, and ablation outcomes. Journal of Cardiovascular Electrophysiology, 2020, 31, 3223-3231.	0.8	1
103	Capillary cell-type specialization in the alveolus. Nature, 2020, 586, 785-789.	13.7	231
104	Exosome secreted by human gingival fibroblasts in radiation therapy inhibits osteogenic differentiation of bone mesenchymal stem cells by transferring miR-23a. Biomedicine and Pharmacotherapy, 2020, 131, 110672.	2.5	17
105	Simultaneous quantitative assessment of two distinct cell lineages with a nuclear-localized dual genetic reporter. Journal of Molecular and Cellular Cardiology, 2020, 146, 60-68.	0.9	2
106	Heart Regeneration by Endogenous Stem Cells and Cardiomyocyte Proliferation. Circulation, 2020, 142, 275-291.	1.6	88
107	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis. Developmental Cell, 2020, 54, 593-607.e5.	3.1	70
108	Rapid and ultrasensitive method for determination of aflatoxin M1 in milk. Food and Agricultural Immunology, 2020, 31, 849-858.	0.7	6

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109	A molecular map of murine lymph node blood vascular endothelium at single cell resolution. Nature Communications, 2020, 11, 3798.	5.8	74
110	Continuous Blood Pressure Estimation From Electrocardiogram and Photoplethysmogram During Arrhythmias. Frontiers in Physiology, 2020, 11, 575407.	1.3	23
111	Overweight and obesity as protective factors against mortality in nonischemic cardiomyopathy patients with an implantable cardioverter defibrillator. Clinical Cardiology, 2020, 43, 1435-1442.	0.7	6
112	Non-linear Association Between Body Mass Index and Ventricular Tachycardia/Ventricular Fibrillation in Patients With an Implantable Cardioverter-Defibrillator or Cardiac Resynchronization Therapy Defibrillator: A Multicenter Cohort Study. Frontiers in Cardiovascular Medicine, 2020, 7, 610629.	1.1	0
113	Efficient photoactivatable Dre recombinase for cell type-specific spatiotemporal control of genome engineering in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33426-33435.	3.3	14
114	Sox17 and Coronary Arteriogenesis in Development. Circulation Research, 2020, 127, 1381-1383.	2.0	4
115	Cardiac Cavity Tracking: CACCT: An Automated Tool of Detecting Complicated Cardiac Malformations in Mouse Models (Adv. Sci. 8/2020). Advanced Science, 2020, 7, 2070042.	5.6	0
116	Mfsd2a and Spns2 are essential for sphingosine-1-phosphate transport in the formation and maintenance of the blood-brain barrier. Science Advances, 2020, 6, eaay8627.	4.7	33
117	Resident endothelial cells generate hepatocytes through cell fusion in adult mouse liver. Journal of Genetics and Genomics, 2020, 47, 225-228.	1.7	6
118	Single-cell gene profiling and lineage tracing analyses revealed novel mechanisms of endothelial repair by progenitors. Cellular and Molecular Life Sciences, 2020, 77, 5299-5320.	2.4	24
119	gp130 Controls Cardiomyocyte Proliferation and Heart Regeneration. Circulation, 2020, 142, 967-982.	1.6	86
120	Specific ablation of CD4⁺ T-cells promotes heart regeneration in juvenile mice. Theranostics, 2020, 10, 8018-8035.	4.6	43
121	Structural insight into precursor ribosomal RNA processing by ribonuclease MRP. Science, 2020, 369, 656-663.	6.0	28
122	Generation of a selfâ€cleaved inducible Cre recombinase for efficient temporal genetic manipulation. EMBO Journal, 2020, 39, e102675.	3.5	22
123	Long-term, in toto live imaging of cardiomyocyte behaviour during mouse ventricle chamber formation at single-cell resolution. Nature Cell Biology, 2020, 22, 332-340.	4.6	38
124	Epithelial Vegfa Specifies a Distinct Endothelial Population in the Mouse Lung. Developmental Cell, 2020, 52, 617-630.e6.	3.1	142
125	Bi-directional differentiation of single bronchioalveolar stem cells during lung repair. Cell Discovery, 2020, 6, 1.	3.1	587
126	Comprehensive treatment of massive macroglossia due to venous and lymphatic malformations. International Journal of Oral and Maxillofacial Surgery, 2020, 49, 874-881.	0.7	3

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127	A genetic system for tissue-specific inhibition of cell proliferation. Development (Cambridge), 2020, 147, .	1.2	10
128	Ribosome biogenesis gene DEF/UTP25 is essential for liver homeostasis and regeneration. Science China Life Sciences, 2020, 63, 1651-1664.	2.3	7
129	Full cheek defect reconstruction using ALTF versus RFF: Comparison of quality of life, clinical results, and donor site morbidity. Oral Diseases, 2020, 26, 1157-1164.	1.5	6
130	Genetic lineage tracing with multiple DNA recombinases: A user's guide for conducting more precise cell fate mapping studies. Journal of Biological Chemistry, 2020, 295, 6413-6424.	1.6	39
131	Triple-cell lineage tracing by a dual reporter on a single allele. Journal of Biological Chemistry, 2020, 295, 690-700.	1.6	14
132	Tracking the important role of JUNB in hepatocellular carcinoma by singleâ€'cell sequencing analysis. Oncology Letters, 2020, 19, 1478-1486.	0.8	14
133	Hair follicle stem cells regulate retinoid metabolism to maintain the self-renewal niche for melanocyte stem cells. ELife, 2020, 9, .	2.8	25
134	Plasma big endothelin-1 is an effective predictor for ventricular arrythmias and end-stage events in primary prevention implantable cardioverter- defibrillator indication patients. Journal of Geriatric Cardiology, 2020, 17, 427-433.	0.2	1
135	<scp>CXCR</scp>4 enhances cisplatin resistance of human tongue squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2019, 48, 122-128.	1.4	10
136	DDX24 Mutations Associated With Malformations of Major Vessels to the Viscera. Hepatology, 2019, 69, 803-816.	3.6	8
137	Spatiotemporal Gene Coexpression and Regulation in Mouse Cardiomyocytes of Early Cardiac Morphogenesis. Journal of the American Heart Association, 2019, 8, e012941.	1.6	12
138	Inhibition of acetylation of histones 3 and 4 attenuates aortic valve calcification. Experimental and Molecular Medicine, 2019, 51, 1-14.	3.2	21
139	Reassessment of c-Kit ⁺ Cells for Cardiomyocyte Contribution in Adult Heart. Circulation, 2019, 140, 164-166.	1.6	40
140	ZnAs@SiO₂ nanoparticles as a potential anti-tumor drug for targeting stemness and epithelial-mesenchymal transition in hepatocellular carcinoma via SHP-1/JAK2/STAT3 signaling. Theranostics, 2019, 9, 4391-4408.	4.6	52
141	Regulatory T-cells regulate neonatal heart regeneration by potentiating cardiomyocyte proliferation in a paracrine manner. Theranostics, 2019, 9, 4324-4341.	4.6	79
142	PDGFR-Î² Signaling Regulates Cardiomyocyte Proliferation and Myocardial Regeneration. Cell Reports, 2019, 28, 966-978.e4.	2.9	44
143	Clinicopathological and epidemiological significance of breast cancer subtype reclassification based on p53 immunohistochemical expression. Npj Breast Cancer, 2019, 5, 20.	2.3	31
144	Single-Cell RNA-Seq of the Developing Cardiac Outflow Tract Reveals Convergent Development of the Vascular Smooth Muscle Cells. Cell Reports, 2019, 28, 1346-1361.e4.	2.9	68

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145	A reference map of murine cardiac transcription factor chromatin occupancy identifies dynamic and conserved enhancers. Nature Communications, 2019, 10, 4907.	5.8	100
146	Dual genetic approaches for deciphering cell fate plasticity in vivo: more than double. Current Opinion in Cell Biology, 2019, 61, 101-109.	2.6	18
147	Ubiquitination of RIPK1 suppresses programmed cell death by regulating RIPK1 kinase activation during embryogenesis. Nature Communications, 2019, 10, 4158.	5.8	64
148	Genetic Tracing Identifies Early Segregation of the Cardiomyocyte and Nonmyocyte Lineages. Circulation Research, 2019, 125, 343-355.	2.0	29
149	Comparison of the reconstruction of through-and-through cheek defects involving the labial commissure following tumor resection using four types of local and pedicle flaps. Head & Face Medicine, 2019, 15, 12.	0.8	6
150	CCN1-Induced Cellular Senescence Promotes Heart Regeneration. Circulation, 2019, 139, 2495-2498.	1.6	67
151	Recipient c-Kit Lineage Cells Repopulate Smooth Muscle Cells of Transplant Arteriosclerosis in Mouse Models. Circulation Research, 2019, 125, 223-241.	2.0	56
152	Dual lineage tracing identifies intermediate mesenchymal stage for endocardial contribution to fibroblasts, coronary mural cells, and adipocytes. Journal of Biological Chemistry, 2019, 294, 8894-8906.	1.6	20
153	Angong Niuhuang Pill as adjuvant therapy for treating acute cerebral infarction and intracerebral hemorrhage: A meta-analysis of randomized controlled trials. Journal of Ethnopharmacology, 2019, 237, 307-313.	2.0	29
154	Bach1 regulates self-renewal and impedes mesendodermal differentiation of human embryonic stem cells. Science Advances, 2019, 5, eaau7887.	4.7	46
155	Metascape provides a biologist-oriented resource for the analysis of systems-level datasets. Nature Communications, 2019, 10, 1523.	5.8	7,886
156	Endocardially Derived Macrophages Are Essential for Valvular Remodeling. Developmental Cell, 2019, 48, 617-630.e3.	3.1	61
157	Lung regeneration by multipotent stem cells residing at the bronchioalveolar-duct junction. Nature Genetics, 2019, 51, 728-738.	9.4	231
158	Role of p53 mediated miR-23a/CXCL12 pathway in osteogenic differentiation of bone mesenchymal stem cells on nanostructured titanium surfaces. Biomedicine and Pharmacotherapy, 2019, 112, 108649.	2.5	26
159	VGLL4 plays a critical role in heart valve development and homeostasis. PLoS Genetics, 2019, 15, e1007977.	1.5	40
160	Lineage Tracing Reveals the Bipotency of SOX9+ Hepatocytes during Liver Regeneration. Stem Cell Reports, 2019, 12, 624-638.	2.3	65
161	Apelin+ Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. Cell Stem Cell, 2019, 25, 768-783.e6.	5.2	92
162	Brain Endothelial Cells Maintain Lactate Homeostasis and Control Adult Hippocampal Neurogenesis. Cell Stem Cell, 2019, 25, 754-767.e9.	5.2	79

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163	Regional biomechanical imaging of liver cancer cells. Journal of Cancer, 2019, 10, 4481-4487.	1.2	10
164	Ovarian Stimulation Increases the Risk of Fetal Cardiac Defects of Pups Exposed to Severe Maternal Hyperglycemia. Gynecology & Reproductive Health, 2019, 3, .	0.1	0
165	Wdpcp promotes epicardial EMT and epicardium-derived cell migration to facilitate coronary artery remodeling. Science Signaling, 2018, 11, .	1.6	10
166	Endocardial Cell Plasticity in Cardiac Development, Diseases and Regeneration. Circulation Research, 2018, 122, 774-789.	2.0	88
167	A rare case of gastric wall abscess arising after endoscopic ultrasound-guided fine-needle aspiration of solid pancreatic mass. Endoscopy, 2018, 50, E142-E143.	1.0	1
168	Notch signaling regulates Hey2 expression in a spatiotemporal dependent manner during cardiac morphogenesis and trabecular specification. Scientific Reports, 2018, 8, 2678.	1.6	20
169	Genetic Fate Mapping Defines the Vascular Potential of Endocardial Cells in the Adult Heart. Circulation Research, 2018, 122, 984-993.	2.0	65
170	Establishment of a CRISPR/Cas9â€Mediated Cysltr1 Knockout Mouse Model and iTRAQâ€Based Proteomic Analysis. Proteomics - Clinical Applications, 2018, 12, e1700087.	0.8	4
171	Genetic targeting of Purkinje fibres by Sema3a-CreERT2. Scientific Reports, 2018, 8, 2382.	1.6	12
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