

Lingjuan He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8496528/publications.pdf>

Version: 2024-02-01

60
papers

4,110
citations

147801

31
h-index

128289

60
g-index

62
all docs

62
docs citations

62
times ranked

6316
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-directional differentiation of single bronchioalveolar stem cells during lung repair. <i>Cell Discovery</i> , 2020, 6, 1.	6.7	587
2	Lung regeneration by multipotent stem cells residing at the bronchioalveolar-duct junction. <i>Nature Genetics</i> , 2019, 51, 728-738.	21.4	231
3	Enhancing the precision of genetic lineage tracing using dual recombinases. <i>Nature Medicine</i> , 2017, 23, 1488-1498.	30.7	188
4	De novo formation of a distinct coronary vascular population in neonatal heart. <i>Science</i> , 2014, 345, 90-94.	12.6	181
5	Subepicardial endothelial cells invade the embryonic ventricle wall to form coronary arteries. <i>Cell Research</i> , 2013, 23, 1075-1090.	12.0	176
6	Genetic Lineage Tracing of Nonmyocyte Population by Dual Recombinases. <i>Circulation</i> , 2018, 138, 793-805.	1.6	163
7	Preexisting endothelial cells mediate cardiac neovascularization after injury. <i>Journal of Clinical Investigation</i> , 2017, 127, 2968-2981.	8.2	146
8	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
9	Endocardium Minimally Contributes to Coronary Endothelium in the Embryonic Ventricular Free Walls. <i>Circulation Research</i> , 2016, 118, 1880-1893.	4.5	131
10	Proliferation tracing reveals regional hepatocyte generation in liver homeostasis and repair. <i>Science</i> , 2021, 371, .	12.6	128
11	In Vivo AAV-CRISPR/Cas9-Mediated Gene Editing Ameliorates Atherosclerosis in Familial Hypercholesterolemia. <i>Circulation</i> , 2020, 141, 67-79.	1.6	124
12	Genetic lineage tracing identifies in situ Kit-expressing cardiomyocytes. <i>Cell Research</i> , 2016, 26, 119-130.	12.0	122
13	Genetic targeting of sprouting angiogenesis using <i>Apln-CreER</i> . <i>Nature Communications</i> , 2015, 6, 6020.	12.8	111
14	Arterial <i>Sca1+</i> Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. <i>Cell Stem Cell</i> , 2020, 26, 81-96.e4.	11.1	98
15	Heart Regeneration by Endogenous Stem Cells and Cardiomyocyte Proliferation. <i>Circulation</i> , 2020, 142, 275-291.	1.6	88
16	<i>Mfsd2a+</i> hepatocytes repopulate the liver during injury and regeneration. <i>Nature Communications</i> , 2016, 7, 13369.	12.8	87
17	Genetic lineage tracing identifies endocardial origin of liver vasculature. <i>Nature Genetics</i> , 2016, 48, 537-543.	21.4	84
18	GATA4 regulates <i>Fgf16</i> to promote heart repair after injury. <i>Development (Cambridge)</i> , 2016, 143, 936-49.	2.5	79

#	ARTICLE	IF	CITATIONS
19	A suite of new Dre recombinase drivers markedly expands the ability to perform intersectional genetic targeting. <i>Cell Stem Cell</i> , 2021, 28, 1160-1176.e7.	11.1	74
20	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis. <i>Developmental Cell</i> , 2020, 54, 593-607.e5.	7.0	70
21	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , 2017, 8, 87.	12.8	67
22	Genetic Fate Mapping Defines the Vascular Potential of Endocardial Cells in the Adult Heart. <i>Circulation Research</i> , 2018, 122, 984-993.	4.5	65
23	Lineage Tracing Reveals the Bipotency of SOX9+ Hepatocytes during Liver Regeneration. <i>Stem Cell Reports</i> , 2019, 12, 624-638.	4.8	65
24	c-kit+ cells adopt vascular endothelial but not epithelial cell fates during lung maintenance and repair. <i>Nature Medicine</i> , 2015, 21, 866-868.	30.7	63
25	MAP3K2-regulated intestinal stromal cells define a distinct stem cell niche. <i>Nature</i> , 2021, 592, 606-610.	27.8	53
26	Genetic Targeting of Organ-Specific Blood Vessels. <i>Circulation Research</i> , 2018, 123, 86-99.	4.5	46
27	Endocardium Contributes to Cardiac Fat. <i>Circulation Research</i> , 2016, 118, 254-265.	4.5	42
28	Fate Mapping of Sca1 + Cardiac Progenitor Cells in the Adult Mouse Heart. <i>Circulation</i> , 2018, 138, 2967-2969.	1.6	42
29	Genetic lineage tracing discloses arteriogenesis as the main mechanism for collateral growth in the mouse heart. <i>Cardiovascular Research</i> , 2016, 109, 419-430.	3.8	40
30	Reassessment of c-Kit ⁺ Cells for Cardiomyocyte Contribution in Adult Heart. <i>Circulation</i> , 2019, 140, 164-166.	1.6	40
31	Fibroblasts in an endocardial fibroelastosis disease model mainly originate from mesenchymal derivatives of epicardium. <i>Cell Research</i> , 2017, 27, 1157-1177.	12.0	39
32	Embryonic senescent cells re-enter cell cycle and contribute to tissues after birth. <i>Cell Research</i> , 2018, 28, 775-778.	12.0	37
33	Dual genetic tracing system identifies diverse and dynamic origins of cardiac valve mesenchyme. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	35
34	Pre-existing beta cells but not progenitors contribute to new beta cells in the adult pancreas. <i>Nature Metabolism</i> , 2021, 3, 352-365.	11.9	35
35	BAF200 Is Required for Heart Morphogenesis and Coronary Artery Development. <i>PLoS ONE</i> , 2014, 9, e109493.	2.5	33
36	Cell proliferation fate mapping reveals regional cardiomyocyte cell-cycle activity in subendocardial muscle of left ventricle. <i>Nature Communications</i> , 2021, 12, 5784.	12.8	33

#	ARTICLE	IF	CITATIONS
37	Fabp4â€œCre<sc>ER</sc> lineage tracing revealstwo distinctive coronary vascular populations. Journal of Cellular and Molecular Medicine, 2014, 18, 2152-2156.	3.6	29
38	Genetic Tracing Identifies Early Segregation of the Cardiomyocyte and Nonmyocyte Lineages. Circulation Research, 2019, 125, 343-355.	4.5	29
39	Apj+ Vessels Drive Tumor Growth and Represent a Tractable Therapeutic Target. Cell Reports, 2018, 25, 1241-1254.e5.	6.4	26
40	Cardiomyocyte proliferation: remove brakes and push accelerators. Cell Research, 2017, 27, 959-960.	12.0	25
41	Genetic fate-mapping reveals surface accumulation but not deep organ invasion of pleural and peritoneal cavity macrophages following injury. Nature Communications, 2021, 12, 2863.	12.8	25
42	Genetic tracing of hepatocytes in liver homeostasis, injury, and regeneration. Journal of Biological Chemistry, 2017, 292, 8594-8604.	3.4	24
43	Lack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Hearts. Circulation Research, 2018, 123, e21-e31.	4.5	24
44	Generation of a selfâ€œcleaved inducible Cre recombinase for efficient temporal genetic manipulation. EMBO Journal, 2020, 39, e102675.	7.8	22
45	Genetic lineage tracing of resident stem cells by DealT. Nature Protocols, 2018, 13, 2217-2246.	12.0	17
46	Triple-cell lineage tracing by a dual reporter on a single allele. Journal of Biological Chemistry, 2020, 295, 690-700.	3.4	16
47	Triple-cell lineage tracing by a dual reporter on a single allele. Journal of Biological Chemistry, 2020, 295, 690-700.	3.4	14
48	Extension of Endocardium-Derived Vessels Generate Coronary Arteries in Neonates. Circulation Research, 2022, 130, 352-365.	4.5	14
49	Genetic targeting of Purkinje fibres by Sema3a-CreERT2. Scientific Reports, 2018, 8, 2382.	3.3	12
50	The Development and Regeneration of Coronary Arteries. Current Cardiology Reports, 2018, 20, 54.	2.9	12
51	The Formation of Coronary Vessels in Cardiac Development and Disease. Cold Spring Harbor Perspectives in Biology, 2020, 12, a037168.	5.5	12
52	Lineage tracing clarifies the cellular origin of tissue-resident macrophages in the developing heart. Journal of Cell Biology, 2022, 221, .	5.2	12
53	Smooth muscle origin of postnatal 2nd CVP is pre-determined in early embryo. Biochemical and Biophysical Research Communications, 2016, 471, 430-436.	2.1	10
54	A genetic system for tissue-specific inhibition of cell proliferation. Development (Cambridge), 2020, 147, .	2.5	10

#	ARTICLE	IF	CITATIONS
55	Genetic Proliferation Tracing Reveals a Rapid Cell Cycle Withdrawal in Preadolescent Cardiomyocytes. <i>Circulation</i> , 2022, 145, 410-412.	1.6	9
56	Lack of FADD in Tie-2 expressing cells causes RIPK3-mediated embryonic lethality. <i>Cell Death and Disease</i> , 2016, 7, e2351-e2351.	6.3	6
57	Resident endothelial cells generate hepatocytes through cell fusion in adult mouse liver. <i>Journal of Genetics and Genomics</i> , 2020, 47, 225-228.	3.9	6
58	Dual Cre and Dre recombinases mediate synchronized lineage tracing and cell subset ablation in vivo. <i>Journal of Biological Chemistry</i> , 2022, 298, 101965.	3.4	4
59	Response by Zhao et al to Letter Regarding Article, "Lack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Hearts". <i>Circulation Research</i> , 2018, 123, e67-e68.	4.5	3
60	Generation of <i>Piezo1^{CreER}</i> transgenic mice for visualization and lineage tracing of mechanical force responsive cells in vivo. <i>Genesis</i> , 2022, 60, e23476.	1.6	3