

Sifeng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,281
citations

430442

18
h-index

433756

31
g-index

34
all docs

34
docs citations

34
times ranked

2193
citing authors

#	ARTICLE	IF	CITATIONS
1	Stromal cell-derived factor 1 promotes angiogenesis via a heme oxygenase 1-dependent mechanism. <i>Journal of Experimental Medicine</i> , 2007, 204, 605-618.	4.2	246
2	Bach1 Represses Wnt/ β 2-Catenin Signaling and Angiogenesis. <i>Circulation Research</i> , 2015, 117, 364-375.	2.0	113
3	CCND2 Overexpression Enhances the Regenerative Potency of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Circulation Research</i> , 2018, 122, 88-96.	2.0	113
4	Functional engineered human cardiac patches prepared from nature's platform improve heart function after acute myocardial infarction. <i>Biomaterials</i> , 2016, 105, 52-65.	5.7	105
5	Interleukin 10 attenuates neointimal proliferation and inflammation in aortic allografts by a heme oxygenase-dependent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7251-7256.	3.3	101
6	Efficient Transduction of Vascular Endothelial Cells with Recombinant Adeno-Associated Virus Serotype 1 and 5 Vectors. <i>Human Gene Therapy</i> , 2005, 16, 235-247.	1.4	84
7	Gene Delivery in Renal Tubular Epithelial Cells Using Recombinant Adeno-Associated Viral Vectors. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 947-958.	3.0	60
8	Inhibition of Myocardial Ischemia/Reperfusion Injury by Exosomes Secreted from Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	42
9	Enhanced wound healing promotion by immune response-free monkey autologous iPSCs and exosomes vs. their allogeneic counterparts. <i>EBioMedicine</i> , 2019, 42, 443-457.	2.7	42
10	VCAM-1-mediated neutrophil infiltration exacerbates ambient fine particle-induced lung injury. <i>Toxicology Letters</i> , 2019, 302, 60-74.	0.4	38
11	Engineering human ventricular heart muscles based on a highly efficient system for purification of human pluripotent stem cell-derived ventricular cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2017, 8, 202.	2.4	31
12	â€œLumen digestionâ€•technique for isolation of aortic endothelial cells from heme oxygenase-1 knockout mice. <i>BioTechniques</i> , 2004, 37, 84-89.	0.8	28
13	Human induced pluripotent stem cells derived endothelial cells mimicking vascular inflammatory response under flow. <i>Biomicrofluidics</i> , 2016, 10, 014106.	1.2	28
14	Protective effects of human induced pluripotent stem cell-derived exosomes on high glucose-induced injury in human endothelial cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4791-4797.	0.8	27
15	BACH1 recruits NANOG and histone H3 lysine 4 methyltransferase MLL/SET1 complexes to regulate enhancer-promoter activity and maintains pluripotency. <i>Nucleic Acids Research</i> , 2021, 49, 1972-1986.	6.5	24
16	ALIX increases protein content and protective function of iPSC-derived exosomes. <i>Journal of Molecular Medicine</i> , 2019, 97, 829-844.	1.7	23
17	Direct <i>in vivo</i> application of induced pluripotent stem cells is feasible and can be safe. <i>Theranostics</i> , 2019, 9, 290-310.	4.6	22
18	Upregulation of hydroxysteroid sulfotransferase 2B1b promotes hepatic oval cell proliferation by modulating oxysterol-induced LXR activation in a mouse model of liver injury. <i>Archives of Toxicology</i> , 2017, 91, 271-287.	1.9	21

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19	Establishment of a PRKAC2 cardiac syndrome disease model and mechanism study using human induced pluripotent stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 117, 49-61.	0.9	20
20	Oxidative stress inhibits adhesion and transendothelial migration, and induces apoptosis and senescence of induced pluripotent stem cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 626-634.	0.9	19
21	Nox2 and Nox4 regulate self-renewal of murine induced-pluripotent stem cells. <i>IUBMB Life</i> , 2016, 68, 963-970.	1.5	16
22	Nox2 contributes to the arterial endothelial specification of mouse induced pluripotent stem cells by upregulating Notch signaling. <i>Scientific Reports</i> , 2016, 6, 33737.	1.6	16
23	Engineering human ventricular heart tissue based on macroporous iron oxide scaffolds. <i>Acta Biomaterialia</i> , 2019, 88, 540-553.	4.1	16
24	Diminished expression of major histocompatibility complex facilitates the use of human induced pluripotent stem cells in monkey. <i>Stem Cell Research and Therapy</i> , 2020, 11, 334.	2.4	12
25	The roles of Mesp family proteins: functional diversity and redundancy in differentiation of pluripotent stem cells and mammalian mesodermal development. <i>Protein and Cell</i> , 2015, 6, 553-561.	4.8	10
26	Induced pluripotent stem cells attenuate chronic allogeneic vasculopathy in an integrin beta-1-dependent manner. <i>American Journal of Transplantation</i> , 2020, 20, 2755-2767.	2.6	6
27	Isogenic human pluripotent stem cell disease models reveal ABRA deficiency underlies cTnT mutation-induced familial dilated cardiomyopathy. <i>Protein and Cell</i> , 2021, , 1.	4.8	6
28	Transduction of interleukin-10 through renal artery attenuates vascular neointimal proliferation and infiltration of immune cells in rat renal allograft. <i>Immunology Letters</i> , 2016, 176, 105-113.	1.1	4
29	E2A ablation enhances proportion of nodal-like cardiomyocytes in cardiac-specific differentiation of human embryonic stem cells. <i>EBioMedicine</i> , 2021, 71, 103575.	2.7	4
30	Freeze-thaw increases adeno-associated virus transduction of cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C386-C392.	2.1	2
31	Intracellular Reactive Oxygen Species Mediate the Therapeutic Effect of Induced Pluripotent Stem Cells for Acute Kidney Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	2
32	Anti-serum with anti-autoantibody activity decreases autoantibody-positive B lymphocytes and type 1 diabetes of female NOD mice. <i>Autoimmunity</i> , 2016, 49, 21-30.	1.2	0