Wei Lei

List of Publications by Year in descending order

39 papers	1,271 citations	430754 18 h-index	360920 35 g-index
39 all docs	39 docs citations	39 times ranked	2038 citing authors

#	Article	IF	Citations
1	Establishment of an in vitro safety assessment model for lipid-lowering drugs using same-origin human pluripotent stem cell-derived cardiomyocytes and endothelial cells. Acta Pharmacologica Sinica, 2022, 43, 240-250.	2.8	7
2	Patient-specific iPSC-derived cardiomyocytes reveal abnormal regulation of FGF16 in a familial atrial septal defect. Cardiovascular Research, 2022, 118, 859-871.	1.8	15
3	Cardiomyocyte Maturationâ€"the Road is not Obstructed. Stem Cell Reviews and Reports, 2022, 18, 2966-2981.	1.7	2
4	The updated view on induced pluripotent stem cells for cardiovascular precision medicine. Pflugers Archiv European Journal of Physiology, 2021, 473, 1137-1149.	1.3	3
5	Establishment and characterization of a human embryonic stem cell line carrying a heterozygous GATA4T280M mutation. Stem Cell Research, 2021, 53, 102393.	0.3	0
6	CXADRâ€like membrane protein protects against heart injury by preventing excessive pyroptosis after myocardial infarction. Journal of Cellular and Molecular Medicine, 2020, 24, 13775-13788.	1.6	15
7	Retinoic acid promotes metabolic maturation of human Embryonic Stem Cell-derived Cardiomyocytes. Theranostics, 2020, 10, 9686-9701.	4.6	24
8	Human embryonic stem cell-derived cardiomyocyte therapy in mouse permanent ischemia and ischemia-reperfusion models. Stem Cell Research and Therapy, 2019, 10, 167.	2.4	23
9	MIR148A family regulates cardiomyocyte differentiation of human embryonic stem cells by inhibiting the DLL1-mediated NOTCH signaling pathway. Journal of Molecular and Cellular Cardiology, 2019, 134, 1-12.	0.9	13
10	Genome-Wide Association and Functional Studies Identify SCML4 and THSD7A as Novel Susceptibility Genes for Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 964-975.	1.1	32
11	Signature of circular RNAs in human induced pluripotent stem cells and derived cardiomyocytes. Stem Cell Research and Therapy, 2018, 9, 56.	2.4	61
12	Prostaglandin-Endoperoxide Synthase 1 Mediates the Timing of Parturition in Mice Despite Unhindered Uterine Contractility. Endocrinology, 2018, 159, 490-505.	1.4	14
13	Functional mutant GATA4 identification and potential application in preimplantation diagnosis of congenital heart diseases. Gene, 2018, 641, 349-354.	1.0	15
14	Response by Zhao et al to Letter Regarding Article, â€œLack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Heartsâ€• Circulation Research, 2018, 123, e67-e68.	2.0	3
15	Long noncoding RNA Meg3 regulates cardiomyocyte apoptosis in myocardial infarction. Gene Therapy, 2018, 25, 511-523.	2.3	72
16	Lack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Hearts. Circulation Research, 2018, 123, e21-e31.	2.0	24
17	The Application of Induced Pluripotent Stem Cells in Cardiac Disease Modeling and Drug Testing. Journal of Cardiovascular Translational Research, 2018, 11, 366-374.	1.1	23
18	A brief review: adipose-derived stem cells and their therapeutic potential in cardiovascular diseases. Stem Cell Research and Therapy, 2017, 8, 124.	2.4	100

#	Article	IF	Citations
19	MicroRNA-133 overexpression promotes the therapeutic efficacy of mesenchymal stem cells on acute myocardial infarction. Stem Cell Research and Therapy, 2017, 8, 268.	2.4	145
20	GSTT1 Null Genotype Significantly Increases the Susceptibility to Urinary System Cancer: Evidences from 63,876 Subjects. Journal of Cancer, 2016, 7, 1680-1693.	1.2	7
21	microRNA-206 is involved in survival of hypoxia preconditioned mesenchymal stem cells through targeting Pim-1 kinase. Stem Cell Research and Therapy, 2016, 7, 61.	2.4	31
22	Follistatin-like 1 protects cardiomyoblasts from injury induced by sodium nitroprusside through modulating Akt and Smad1/5/9 signaling. Biochemical and Biophysical Research Communications, 2016, 469, 418-423.	1.0	13
23	A novel TP53 variant (rs78378222 A > C) in the polyadenylation signal is associated with increased cancer susceptibility: evidence from a meta-analysis. Oncotarget, 2016, 7, 32854-32865.	0.8	24
24	Alkaline Phosphatase Protects Lipopolysaccharide-Induced Early Pregnancy Defects in Mice. PLoS ONE, 2015, 10, e0123243.	1.1	19
25	Cross-species transcriptomic approach reveals genes in hamster implantation sites. Reproduction, 2014, 148, 607-621.	1.1	5
26	Crystallin Î±B acts as a molecular guard in mouse decidualization: Regulation and function during early pregnancy. FEBS Letters, 2014, 588, 2944-2951.	1.3	14
27	Progesterone and heparin-binding epidermal growth factor-like growth factor regulate the expression of tight junction protein Claudin-3 during early pregnancy. Fertility and Sterility, 2013, 100, 1410-1418.	0.5	8
28	Alkaline phosphatases contribute to uterine receptivity, implantation, decidualization, and defense against bacterial endotoxin in hamsters. Reproduction, 2013, 146, 419-432.	1.1	17
29	Differential Expression of Interleukin 1 Receptor Type II During Mouse Decidualization. Reproductive Sciences, 2012, 19, 923-931.	1.1	4
30	Combined Analysis of MicroRNome and 3â€²-UTRome Reveals a Species-specific Regulation of Progesterone Receptor Expression in the Endometrium of Rhesus Monkey*. Journal of Biological Chemistry, 2012, 287, 13899-13910.	1.6	34
31	Progesterone and DNA Damage Encourage Uterine Cell Proliferation and Decidualization through Up-regulating Ribonucleotide Reductase 2 Expression during Early Pregnancy in Mice. Journal of Biological Chemistry, 2012, 287, 15174-15192.	1.6	62
32	Junctional Adhesion Molecule 2 Mediates the Interaction between Hatched Blastocyst and Luminal Epithelium: Induction by Progesterone and LIF. PLoS ONE, 2012, 7, e34325.	1.1	15
33	Genome-wide identification of micro-ribonucleic acids associated with human endometrial receptivity in natural and stimulated cycles by deep sequencing. Fertility and Sterility, 2011, 96, 150-155.e5.	0.5	97
34	The Integrative Analysis of microRNA and mRNA Expression in Mouse Uterus under Delayed Implantation and Activation. PLoS ONE, 2010, 5, e15513.	1.1	38
35	Estrogen Regulates Amiloride-Binding Protein 1 through CCAAT/Enhancer-Binding Protein-Î² in Mouse Uterus during Embryo Implantation and Decidualization. Endocrinology, 2010, 151, 5007-5016.	1.4	38
36	Progesterone regulation of glutathione S-transferase Mu2 expression in mouse uterine luminal epithelium during preimplantation period. Fertility and Sterility, 2009, 91, 2123-2130.	0.5	13

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37	Effects of androgen on embryo implantation in the mouse delayed-implantation model. Fertility and Sterility, 2008, 90, 1376-1383.	0.5	37
38	MicroRNA Expression and Regulation in Mouse Uterus during Embryo Implantation. Journal of Biological Chemistry, 2008, 283, 23473-23484.	1.6	191
39	Differential expression and regulation of prostaglandin transporter and metabolic enzymes in mouse uterus during blastocyst implantation. Fertility and Sterility, 2007, 88, 1256-1265.	0.5	13