

Wei Lei

List of Publications by Year in descending order

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Version: 2024-02-01

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	MicroRNA Expression and Regulation in Mouse Uterus during Embryo Implantation. <i>Journal of Biological Chemistry</i> , 2008, 283, 23473-23484.	1.6	191
2	MicroRNA-133 overexpression promotes the therapeutic efficacy of mesenchymal stem cells on acute myocardial infarction. <i>Stem Cell Research and Therapy</i> , 2017, 8, 268.	2.4	145
3	A brief review: adipose-derived stem cells and their therapeutic potential in cardiovascular diseases. <i>Stem Cell Research and Therapy</i> , 2017, 8, 124.	2.4	100
4	Genome-wide identification of micro-ribonucleic acids associated with human endometrial receptivity in natural and stimulated cycles by deep sequencing. <i>Fertility and Sterility</i> , 2011, 96, 150-155.e5.	0.5	97
5	Long noncoding RNA Meg3 regulates cardiomyocyte apoptosis in myocardial infarction. <i>Gene Therapy</i> , 2018, 25, 511-523.	2.3	72
6	Progesterone and DNA Damage Encourage Uterine Cell Proliferation and Decidualization through Up-regulating Ribonucleotide Reductase 2 Expression during Early Pregnancy in Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 15174-15192.	1.6	62
7	Signature of circular RNAs in human induced pluripotent stem cells and derived cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2018, 9, 56.	2.4	61
8	The Integrative Analysis of microRNA and mRNA Expression in Mouse Uterus under Delayed Implantation and Activation. <i>PLoS ONE</i> , 2010, 5, e15513.	1.1	38
9	Estrogen Regulates Amiloride-Binding Protein 1 through CCAAT/Enhancer-Binding Protein- β in Mouse Uterus during Embryo Implantation and Decidualization. <i>Endocrinology</i> , 2010, 151, 5007-5016.	1.4	38
10	Effects of androgen on embryo implantation in the mouse delayed-implantation model. <i>Fertility and Sterility</i> , 2008, 90, 1376-1383.	0.5	37
11	Combined Analysis of MicroRNome and 3' UTRome Reveals a Species-specific Regulation of Progesterone Receptor Expression in the Endometrium of Rhesus Monkey*. <i>Journal of Biological Chemistry</i> , 2012, 287, 13899-13910.	1.6	34
12	Genome-Wide Association and Functional Studies Identify <i>SCML4</i> and <i>THSD7A</i> as Novel Susceptibility Genes for Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 964-975.	1.1	32
13	microRNA-206 is involved in survival of hypoxia preconditioned mesenchymal stem cells through targeting Pim-1 kinase. <i>Stem Cell Research and Therapy</i> , 2016, 7, 61.	2.4	31
14	Lack of Cardiac Improvement After Cardiosphere-Derived Cell Transplantation in Aging Mouse Hearts. <i>Circulation Research</i> , 2018, 123, e21-e31.	2.0	24
15	Retinoic acid promotes metabolic maturation of human Embryonic Stem Cell-derived Cardiomyocytes. <i>Theranostics</i> , 2020, 10, 9686-9701.	4.6	24
16	A novel TP53 variant (rs78378222 A & C) in the polyadenylation signal is associated with increased cancer susceptibility: evidence from a meta-analysis. <i>Oncotarget</i> , 2016, 7, 32854-32865.	0.8	24
17	The Application of Induced Pluripotent Stem Cells in Cardiac Disease Modeling and Drug Testing. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 366-374.	1.1	23
18	Human embryonic stem cell-derived cardiomyocyte therapy in mouse permanent ischemia and ischemia-reperfusion models. <i>Stem Cell Research and Therapy</i> , 2019, 10, 167.	2.4	23

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19	Alkaline Phosphatase Protects Lipopolysaccharide-Induced Early Pregnancy Defects in Mice. <i>PLoS ONE</i> , 2015, 10, e0123243.	1.1	19
20	Alkaline phosphatases contribute to uterine receptivity, implantation, decidualization, and defense against bacterial endotoxin in hamsters. <i>Reproduction</i> , 2013, 146, 419-432.	1.1	17
21	Junctional Adhesion Molecule 2 Mediates the Interaction between Hatched Blastocyst and Luminal Epithelium: Induction by Progesterone and LIF. <i>PLoS ONE</i> , 2012, 7, e34325.	1.1	15
22	Functional mutant GATA4 identification and potential application in preimplantation diagnosis of congenital heart diseases. <i>Gene</i> , 2018, 641, 349-354.	1.0	15
23	CXADR-like membrane protein protects against heart injury by preventing excessive pyroptosis after myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13775-13788.	1.6	15
24	Patient-specific iPSC-derived cardiomyocytes reveal abnormal regulation of <i>FGF16</i> in a familial atrial septal defect. <i>Cardiovascular Research</i> , 2022, 118, 859-871.	1.8	15
25	Crystallin β acts as a molecular guard in mouse decidualization: Regulation and function during early pregnancy. <i>FEBS Letters</i> , 2014, 588, 2944-2951.	1.3	14
26	Prostaglandin-Endoperoxide Synthase 1 Mediates the Timing of Parturition in Mice Despite Unhindered Uterine Contractility. <i>Endocrinology</i> , 2018, 159, 490-505.	1.4	14
27	Differential expression and regulation of prostaglandin transporter and metabolic enzymes in mouse uterus during blastocyst implantation. <i>Fertility and Sterility</i> , 2007, 88, 1256-1265.	0.5	13
28	Progesterone regulation of glutathione S-transferase Mu2 expression in mouse uterine luminal epithelium during preimplantation period. <i>Fertility and Sterility</i> , 2009, 91, 2123-2130.	0.5	13
29	Follistatin-like 1 protects cardiomyoblasts from injury induced by sodium nitroprusside through modulating Akt and Smad1/5/9 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 418-423.	1.0	13
30	MIR148A family regulates cardiomyocyte differentiation of human embryonic stem cells by inhibiting the DLL1-mediated NOTCH signaling pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 134, 1-12.	0.9	13
31	Progesterone and heparin-binding epidermal growth factor-like growth factor regulate the expression of tight junction protein Claudin-3 during early pregnancy. <i>Fertility and Sterility</i> , 2013, 100, 1410-1418.	0.5	8
32	<i>GSTT1</i> Null Genotype Significantly Increases the Susceptibility to Urinary System Cancer: Evidences from 63,876 Subjects. <i>Journal of Cancer</i> , 2016, 7, 1680-1693.	1.2	7
33	Establishment of an in vitro safety assessment model for lipid-lowering drugs using same-origin human pluripotent stem cell-derived cardiomyocytes and endothelial cells. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 240-250.	2.8	7
34	Cross-species transcriptomic approach reveals genes in hamster implantation sites. <i>Reproduction</i> , 2014, 148, 607-621.	1.1	5
35	Differential Expression of Interleukin 1 Receptor Type II During Mouse Decidualization. <i>Reproductive Sciences</i> , 2012, 19, 923-931.	1.1	4
36	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.	2.0	3

#	ARTICLE	IF	CITATIONS
37	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
38	Cardiomyocyte Maturationâ€”the Road is not Obstructed. Stem Cell Reviews and Reports, 2022, 18, 2966-2981.	1.7	2
39	Establishment and characterization of a human embryonic stem cell line carrying a heterozygous GATA4T280M mutation. Stem Cell Research, 2021, 53, 102393.	0.3	0