

Weibin Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7628713/publications.pdf>

Version: 2024-02-01

22
papers

811
citations

687220

13
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Resident c-kit ⁺ cells in the heart are not cardiac stem cells. <i>Nature Communications</i> , 2015, 6, 8701.	5.8	268
2	Tbx20 acts upstream of Wnt signaling to regulate endocardial cushion formation and valve remodeling during mouse cardiogenesis. <i>Development (Cambridge)</i> , 2013, 140, 3176-3187.	1.2	77
3	IL-25 stimulates M2 macrophage polarization and thereby promotes mitochondrial respiratory capacity and lipolysis in adipose tissues against obesity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 493-505.	4.8	68
4	Mesodermal Nkx2.5 is necessary and sufficient for early second heart field development. <i>Developmental Biology</i> , 2014, 390, 68-79.	0.9	62
5	Polydatin promotes Nrf2-ARE anti-oxidative pathway through activating CKIP-1 to resist HG-induced up-regulation of FN and ICAM-1 in GMCs and diabetic mice kidneys. <i>Free Radical Biology and Medicine</i> , 2017, 106, 393-405.	1.3	56
6	Distinct cardiac energy metabolism and oxidative stress adaptations between obese and non-obese type 2 diabetes mellitus. <i>Theranostics</i> , 2020, 10, 2675-2695.	4.6	37
7	Mesenchymal marker expression is elevated in Müller cells exposed to high glucose and in animal models of diabetic retinopathy. <i>Oncotarget</i> , 2017, 8, 4582-4594.	0.8	27
8	Nestin-mediated cytoskeletal remodeling in endothelial cells: novel mechanistic insight into VEGF-induced cell migration in angiogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C349-C358.	2.1	26
9	Limited Regeneration Potential with Minimal Epicardial Progenitor Conversions in the Neonatal Mouse Heart after Injury. <i>Cell Reports</i> , 2019, 28, 190-201.e3.	2.9	23
10	Proapoptotic PEDF functional peptides inhibit prostate tumor growth—A mechanistic study. <i>Biochemical Pharmacology</i> , 2014, 92, 425-437.	2.0	20
11	Down-regulated expression of OPCML predicts an unfavorable prognosis and promotes disease progression in human gastric cancer. <i>BMC Cancer</i> , 2017, 17, 268.	1.1	16
12	Pigment Epithelium-Derived Factor Plays a Role in Alzheimer's Disease by Negatively Regulating A β 242. <i>Neurotherapeutics</i> , 2018, 15, 728-741.	2.1	16
13	Loss of pigment epithelium-derived factor leads to ovarian oxidative damage accompanied by diminished ovarian reserve in mice. <i>Life Sciences</i> , 2019, 216, 129-139.	2.0	16
14	Plasminogen kringle 5 suppresses gastric cancer via regulating HIF-1 α and GRP78. <i>Cell Death and Disease</i> , 2017, 8, e3144-e3144.	2.7	15
15	A <i>Gata4</i> nuclear GFP transcriptional reporter to study endoderm and cardiac development in the mouse. <i>Biology Open</i> , 2018, 7, .	0.6	15
16	Cervical dilation balloon combined with intravenous drip of oxytocin for induction of term labor: a multicenter clinical trial. <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 77-83.	0.8	14
17	NOD2 negatively regulated titanium particle-induced osteolysis in mice. <i>Biomaterials Science</i> , 2019, 7, 2702-2715.	2.6	13
18	Targeting ACSL1 promotes cardiomyocyte proliferation and cardiac regeneration. <i>Life Sciences</i> , 2022, 294, 120371.	2.0	11

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19	Moderate heart rate reduction promotes cardiac regeneration through stimulation of the metabolic pattern switch. <i>Cell Reports</i> , 2022, 38, 110468.	2.9	10
20	Enhanced anti-angiogenic effect of a deletion mutant of plasminogen kringle 5 on neovascularization. <i>Journal of Cellular Biochemistry</i> , 2005, 96, 1254-1261.	1.2	9
21	Wnt2bb Induces Cardiomyocyte Proliferation in Zebrafish Hearts via the jnk1/c-jun/creb1 Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 323.	1.8	9
22	Discovery of a novel niacin-lipoic acid dimer N2L attenuating atherosclerosis and dyslipidemia with non-flushing effects. <i>European Journal of Pharmacology</i> , 2020, 868, 172871.	1.7	3