

Mao Luo

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

890
citations

394421

19
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin prevents methylglyoxal-induced apoptosis by suppressing oxidative stress in vitro and in vivo. <i>Cell Death and Disease</i> , 2022, 13, 29.	6.3	38
2	The role of MicroRNA networks in tissue-specific direct and indirect effects of metformin and its application. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113130.	5.6	3
3	Mechanisms of action of metformin and its regulatory effect on microRNAs related to angiogenesis. <i>Pharmacological Research</i> , 2021, 164, 105390.	7.1	24
4	MG53 inhibits angiogenesis through regulating focal adhesion kinase signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7462-7471.	3.6	7
5	In situ transplantation of adipose-derived stem cells via photoactivation improves glucose metabolism in obese mice. <i>Stem Cell Research and Therapy</i> , 2021, 12, 408.	5.5	8
6	The molecular mechanism of LRP1 in physiological vascular homeostasis and signal transduction pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111667.	5.6	15
7	Long Noncoding RNAs as Emerging Regulators of COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 700184.	4.8	29
8	Gold nanoclusters treat intracellular bacterial infections: Eliminating phagocytic pathogens and regulating cellular immune response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111899.	5.0	12
9	Role of RAGE in obesity-induced adipose tissue inflammation and insulin resistance. <i>Cell Death Discovery</i> , 2021, 7, 305.	4.7	17
10	Circulating miR-103 family as potential biomarkers for type 2 diabetes through targeting CAV-1 and SFRP4. <i>Acta Diabetologica</i> , 2020, 57, 309-322.	2.5	21
11	Metagenomic analysis and identification of emerging pathogens in blood from healthy donors. <i>Scientific Reports</i> , 2020, 10, 15809.	3.3	5
12	Let-7c-5p Inhibits Cell Proliferation and Migration and Promotes Apoptosis via the CTHRC1/AKT/ERK Pathway in Esophageal Squamous Cell Carcinoma. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 11193-11209.	2.0	10
13	Platelet-Derived Factor V Is an Important Determinant of the Metastatic Potential of Circulating Tumor Cells. <i>Frontiers in Oncology</i> , 2020, 10, 558306.	2.8	2
14	Glycation of fibronectin inhibits VEGF-induced angiogenesis by uncoupling VEGF receptor Src crosstalk. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9154-9164.	3.6	15
15	Transplantation of adipose tissue lacking PAI-1 improves glucose tolerance and attenuates cardiac metabolic abnormalities in high-fat diet-induced obesity. <i>Adipocyte</i> , 2020, 9, 170-178.	2.8	5
16	Characterization of cadmium-responsive MicroRNAs and their target genes in maize (<i>Zea mays</i>) roots. <i>BMC Molecular Biology</i> , 2019, 20, 14.	3.0	41
17	Identification of key pathways and hub genes in basal-like breast cancer using bioinformatics analysis. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 1319-1331.	2.0	50
18	Circulating miR-30c as a predictive biomarker of type 2 diabetes mellitus with coronary heart disease by regulating PAI-1/VN interactions. <i>Life Sciences</i> , 2019, 239, 117092.	4.3	18

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19	Inhibition of PAI-1 attenuates perirenal fat inflammation and the associated nephropathy in high-fat diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E260-E267.	3.5	25
20	Platelet-endothelial cell interactions modulate smooth muscle cell phenotype in an in vitro model of type 2 diabetes mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C186-C197.	4.6	9
21	Genome-wide analysis of transcription factors related to anthocyanin biosynthesis in carmine radish (<i>Raphanus sativus</i> L.) fleshy roots. <i>PeerJ</i> , 2019, 7, e8041.	2.0	15
22	PAI-1 Exacerbates White Adipose Tissue Dysfunction and Metabolic Dysregulation in High Fat Diet-Induced Obesity. <i>Frontiers in Pharmacology</i> , 2018, 9, 1087.	3.5	44
23	MiRNA-21 mediates the antiangiogenic activity of metformin through targeting PTEN and SMAD7 expression and PI3K/AKT pathway. <i>Scientific Reports</i> , 2017, 7, 43427.	3.3	56
24	Asiaticoside ameliorates β -amyloid-induced learning and memory deficits in rats by inhibiting mitochondrial apoptosis and reducing inflammatory factors. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 413-420.	1.8	26
25	Platelet-Derived Factor V Is a Critical Mediator of Arterial Thrombosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	19
26	Polydatin Prevents Methylglyoxal-Induced Apoptosis through Reducing Oxidative Stress and Improving Mitochondrial Function in Human Umbilical Vein Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	4.0	32
27	Circulating miRNA-24 and its target YKL-40 as potential biomarkers in patients with coronary heart disease and type 2 diabetes mellitus. <i>Oncotarget</i> , 2017, 8, 63038-63046.	1.8	46
28	Angiopoietin-2 impairs collateral artery growth associated with the suppression of the infiltration of macrophages in mouse hindlimb ischaemia. <i>Journal of Translational Medicine</i> , 2016, 14, 306.	4.4	4
29	Hyperglycaemia-induced reciprocal changes in miR-30c and PAI-1 expression in platelets. <i>Scientific Reports</i> , 2016, 6, 36687.	3.3	24
30	Anti-vascular endothelial growth factor treatment induces blood flow recovery through vascular remodeling in high-fat diet induced diabetic mice. <i>Microvascular Research</i> , 2016, 105, 70-76.	2.5	17
31	Plasminogen Activator Inhibitor-1 Inhibits Angiogenic Signaling by Uncoupling Vascular Endothelial Growth Factor Receptor-2- β Integrin Cross Talk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 111-120.	2.4	64
32	Platelet-derived miR-103b as a novel biomarker for the early diagnosis of type 2 diabetes. <i>Acta Diabetologica</i> , 2015, 52, 943-949.	2.5	34
33	Bevacizumab promotes venous thromboembolism through the induction of PAI-1 in a mouse xenograft model of human lung carcinoma. <i>Molecular Cancer</i> , 2015, 14, 140.	19.2	47
34	Endothelial cells but not platelets are the major source of Toll-like receptor 4 in the arterial thrombosis and tissue factor expression in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R901-R907.	1.8	29
35	Presence of intratumoral platelets is associated with tumor vessel structure and metastasis. <i>BMC Cancer</i> , 2014, 14, 167.	2.6	79
36	Platelet Depletion Reduces Tumor Hypoxia and Metastasis Mediated by Met Signaling Pathway. <i>Blood</i> , 2012, 120, 3321-3321.	1.4	0