

# 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	Presence of intratumoral platelets is associated with tumor vessel structure and metastasis. BMC Cancer, 2014, 14, 167.	2.6	79
2	Plasminogen Activator Inhibitor-1 Inhibits Angiogenic Signaling by Uncoupling Vascular Endothelial Growth Factor Receptor-2- $\beta$ $\beta$ $\beta$ Integrin Cross Talk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 111-120.	2.4	64
3	MiRNA-21 mediates the antiangiogenic activity of metformin through targeting PTEN and SMAD7 expression and PI3K/AKT pathway. Scientific Reports, 2017, 7, 43427.	3.3	56
4	Identification of key pathways and hub genes in basal-like breast cancer using bioinformatics analysis. OncoTargets and Therapy, 2019, Volume 12, 1319-1331.	2.0	50
5	Bevacizumab promotes venous thromboembolism through the induction of PAI-1 in a mouse xenograft model of human lung carcinoma. Molecular Cancer, 2015, 14, 140.	19.2	47
6	Circulating miRNA-24 and its target YKL-40 as potential biomarkers in patients with coronary heart disease and type 2 diabetes mellitus. Oncotarget, 2017, 8, 63038-63046.	1.8	46
7	PAI-1 Exacerbates White Adipose Tissue Dysfunction and Metabolic Dysregulation in High Fat Diet-Induced Obesity. Frontiers in Pharmacology, 2018, 9, 1087.	3.5	44
8	Characterization of cadmium-responsive MicroRNAs and their target genes in maize (Zea mays) roots. BMC Molecular Biology, 2019, 20, 14.	3.0	41
9	Metformin prevents methylglyoxal-induced apoptosis by suppressing oxidative stress in vitro and in vivo. Cell Death and Disease, 2022, 13, 29.	6.3	38
10	Platelet-derived miR-103b as a novel biomarker for the early diagnosis of type 2 diabetes. Acta Diabetologica, 2015, 52, 943-949.	2.5	34
11	Polydatin Prevents Methylglyoxal-Induced Apoptosis through Reducing Oxidative Stress and Improving Mitochondrial Function in Human Umbilical Vein Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-9.	4.0	32
12	Endothelial cells but not platelets are the major source of Toll-like receptor 4 in the arterial thrombosis and tissue factor expression in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R901-R907.	1.8	29
13	Long Noncoding RNAs as Emerging Regulators of COVID-19. Frontiers in Immunology, 2021, 12, 700184.	4.8	29
14	Asiaticoside ameliorates $\beta$ -amyloid-induced learning and memory deficits in rats by inhibiting mitochondrial apoptosis and reducing inflammatory factors. Experimental and Therapeutic Medicine, 2017, 13, 413-420.	1.8	26
15	Inhibition of PAI-1 attenuates perirenal fat inflammation and the associated nephropathy in high-fat diet-induced obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E260-E267.	3.5	25
16	Hyperglycaemia-induced reciprocal changes in miR-30c and PAI-1 expression in platelets. Scientific Reports, 2016, 6, 36687.	3.3	24
17	Mechanisms of action of metformin and its regulatory effect on microRNAs related to angiogenesis. Pharmacological Research, 2021, 164, 105390.	7.1	24
18	Circulating miR-103 family as potential biomarkers for type 2 diabetes through targeting CAV-1 and SFRP4. Acta Diabetologica, 2020, 57, 309-322.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Platelet-Derived Factor V Is a Critical Mediator of Arterial Thrombosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	19
20	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
21	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
22	Role of RAGE in obesity-induced adipose tissue inflammation and insulin resistance. <i>Cell Death Discovery</i> , 2021, 7, 305.	4.7	17
23	Glycation of fibronectin inhibits VEGF-induced angiogenesis by uncoupling VEGF receptor crosstalk. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9154-9164.	3.6	15
24	The molecular mechanism of LRP1 in physiological vascular homeostasis and signal transduction pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111667.	5.6	15
25	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
26	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
27	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
28	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
29	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
30	MG53 inhibits angiogenesis through regulating focal adhesion kinase signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7462-7471.	3.6	7
31	Metagenomic analysis and identification of emerging pathogens in blood from healthy donors. <i>Scientific Reports</i> , 2020, 10, 15809.	3.3	5
32	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
33	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
34	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
35	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
36	Platelet Depletion Reduces Tumor Hypoxia and Metastasis Mediated by Met Signaling Pathway. <i>Blood</i> , 2012, 120, 3321-3321.	1.4	0