

# Jianbo Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,064  
citations

394421

19  
h-index

454955

30  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of SDF-1 or CXCR4 regulates platelet activation linked to glucose metabolism and mitochondrial respiratory reserve. <i>Platelets</i> , 2022, 33, 536-542.	2.3	1
2	Peroxide Antimalarial Drugs Target Redox Homeostasis in <i>Plasmodium falciparum</i> Infected Red Blood Cells. <i>ACS Infectious Diseases</i> , 2022, 8, 210-226.	3.8	23
3	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
4	The Astragaloside IV Derivative LS-102 Ameliorates Obesity-Related Nephropathy. <i>Drug Design, Development and Therapy</i> , 2022, Volume 16, 647-664.	4.3	5
5	Glycation of Tie-2 Inhibits Angiopoietin-1 Signaling Activation and Angiopoietin-1-Induced Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7137.	4.1	4
6	SARS-CoV-2 microbiome dysbiosis linked disorders and possible probiotics role. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110947.	5.6	73
7	Mechanisms of action of metformin and its regulatory effect on microRNAs related to angiogenesis. <i>Pharmacological Research</i> , 2021, 164, 105390.	7.1	24
8	Antagonizing $\alpha_v\beta_3$ Integrin Improves Ischemia-Mediated Vascular Normalization and Blood Perfusion by Altering Macrophages. <i>Frontiers in Pharmacology</i> , 2021, 12, 585778.	3.5	3
9	Diaryl Ureas as an Antiprotozoal Chemotype. <i>ACS Infectious Diseases</i> , 2021, 7, 1578-1583.	3.8	2
10	MG53 inhibits angiogenesis through regulating focal adhesion kinase signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7462-7471.	3.6	7
11	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
12	The molecular mechanism of LRP1 in physiological vascular homeostasis and signal transduction pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111667.	5.6	15
13	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
14	Role of RAGE in obesity-induced adipose tissue inflammation and insulin resistance. <i>Cell Death Discovery</i> , 2021, 7, 305.	4.7	17
15	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
16	Linagliptin Regulates the Mitochondrial Respiratory Reserve to Alter Platelet Activation and Arterial Thrombosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 585612.	3.5	9
17	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
18	RAGE signalling in obesity and diabetes: focus on the adipose tissue macrophage. <i>Adipocyte</i> , 2020, 9, 563-566.	2.8	17

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19	Structure-Activity Relationship of Antischistosomal Ozonide Carboxylic Acids. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3723-3736.	6.4	19
20	Glycation of fibronectin inhibits VEGF-induced angiogenesis by uncoupling VEGF receptor-2- Src crosstalk. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9154-9164.	3.6	15
21	Prolonged therapeutic effects of photoactivated adipose-derived stem cells following ischaemic injury. <i>Acta Physiologica</i> , 2020, 230, e13475.	3.8	7
22	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
23	Effect of isofebrifugine on the proliferation and invasion of human gastric cancer cells via MMP. <i>Cellular and Molecular Biology</i> , 2020, 66, 27-31.	0.9	1
24	Stochastic Protein Alkylation by Antimalarial Peroxides. <i>ACS Infectious Diseases</i> , 2019, 5, 2067-2075.	3.8	23
25	Autologous transplantation of photoactivated subcutaneous adipose tissue improves glucose homeostasis in high-fat diet-induced obese mice. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1609-1617.	2.7	6
26	A Macromolecular Janus Kinase (JAK) Inhibitor Prodrug Effectively Ameliorates Dextran Sulfate Sodium-Induced Ulcerative Colitis in Mice. <i>Pharmaceutical Research</i> , 2019, 36, 64.	3.5	9
27	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
28	Inhibition of Cytomegalovirus Replication with Extended-Half-Life Synthetic Ozonides. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	12
29	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
30	A novel role for the transplantation of adipose tissue in ischemia-neovasculture. <i>FASEB Journal</i> , 2019, 33, 529.2.	0.5	0
31	Progress in antischistosomal N,N <sup>2</sup> -diaryl urea SAR. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 244-248.	2.2	14
32	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
33	SAR of a new antischistosomal urea carboxylic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3648-3651.	2.2	4
34	Development of a Janus Kinase Inhibitor Prodrug for the Treatment of Rheumatoid Arthritis. <i>Molecular Pharmaceutics</i> , 2018, 15, 3456-3467.	4.6	20
35	Transplantation of Normal Adipose Tissue Improves Blood Flow and Reduces Inflammation in High Fat Fed Mice With Hindlimb Ischemia. <i>Frontiers in Physiology</i> , 2018, 9, 197.	2.8	17
36	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

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37	Platelet-Derived Factor V Is a Critical Mediator of Arterial Thrombosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	19
38	Platelet-derived factor V promotes angiogenesis in a mouse hind limb ischemia model. <i>Journal of Vascular Surgery</i> , 2017, 65, 1180-1188.e1.	1.1	3
39	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
40	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
41	Angiotensin-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
42	Hyperglycaemia-induced reciprocal changes in miR-30c and PAI-1 expression in platelets. <i>Scientific Reports</i> , 2016, 6, 36687.	3.3	24
43	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
44	Plasminogen Activator Inhibitor-1 Inhibits Angiogenic Signaling by Uncoupling Vascular Endothelial Growth Factor Receptor-2- $\beta$ Integrin Cross Talk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 111-120.	2.4	64
45	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
46	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
47	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
48	Presence of intratumoral platelets is associated with tumor vessel structure and metastasis. <i>BMC Cancer</i> , 2014, 14, 167.	2.6	79
49	Disruption of endothelial cell/pericyte adhesion by PAI-1 in ischemic limb of diabetic mouse. <i>FASEB Journal</i> , 2012, 26, 1057.18.	0.5	0
50	Recombinant Plasminogen Activator Inhibitor-1 Inhibits Intimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1565-1570.	2.4	22
51	C-Reactive Protein Enhances Tissue Factor Expression by Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 698-704.	2.4	84