

# Guogang Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

752  
citations

567281

15  
h-index

552781

26  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ceramide Is Upregulated and Associated With Mortality in Patients With Chronic Heart Failure. <i>Canadian Journal of Cardiology</i> , 2015, 31, 357-363.	1.7	78
2	Involvement of vascular peroxidase 1 in angiotensin II-induced vascular smooth muscle cell proliferation. <i>Cardiovascular Research</i> , 2011, 91, 27-36.	3.8	69
3	VPO1 Modulates Vascular Smooth Muscle Cell Phenotypic Switch by Activating Extracellular Signal-regulated Kinase 1/2 (ERK 1/2) in Abdominal Aortic Aneurysms. <i>Journal of the American Heart Association</i> , 2018, 7, e010069.	3.7	49
4	The role of vascular peroxidase 1 in ox-LDL-induced vascular smooth muscle cell calcification. <i>Atherosclerosis</i> , 2015, 243, 357-363.	0.8	43
5	Vascular peroxidase 1 mediates hypoxia-induced pulmonary artery smooth muscle cell proliferation, apoptosis resistance and migration. <i>Cardiovascular Research</i> , 2018, 114, 188-199.	3.8	41
6	Vascular peroxidase 1 catalyzes the formation of hypohalous acids: Characterization of its substrate specificity and enzymatic properties. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1954-1959.	2.9	39
7	Vascular peroxidase 1 is a novel regulator of cardiac fibrosis after myocardial infarction. <i>Redox Biology</i> , 2019, 22, 101151.	9.0	30
8	Critical role of vascular peroxidase 1 in regulating endothelial nitric oxide synthase. <i>Redox Biology</i> , 2017, 12, 226-232.	9.0	25
9	Selagintriflavonoids with BACE1 inhibitory activity from the fern <i>Selaginella doederleinii</i> . <i>Phytochemistry</i> , 2017, 134, 114-121.	2.9	25
10	NOX4 (NADPH Oxidase 4) and Poldip2 (Polymerase $\gamma$ -Interacting Protein 2) Induce Filamentous Actin Oxidation and Promote Its Interaction With Vinculin During Integrin-Mediated Cell Adhesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2423-2434.	2.4	25
11	Resveratrol alleviates lysophosphatidylcholine-induced damage and inflammation in vascular endothelial cells. <i>Molecular Medicine Reports</i> , 2018, 17, 4011-4018.	2.4	22
12	Carboxymethyl flavonoids and a chromone with antimicrobial activity from <i>Selaginella moellendorffii</i> Hieron. <i>F<math>\ddot{A}</math>-totera p<math>\ddot{A}</math>-<math>\ddot{A}</math></i> , 2016, 111, 124-129.	2.2	21
13	Multimodal and multifunctional nanoparticles with platelet targeting ability and phase transition efficiency for the molecular imaging and thrombolysis of coronary microthrombi. <i>Biomaterials Science</i> , 2020, 8, 5047-5060.	5.4	20
14	Seladoeflavones A-F, six novel flavonoids from <i>Selaginella doederleinii</i> . <i>F<math>\ddot{A}</math>-totera p<math>\ddot{A}</math>-<math>\ddot{A}</math></i> , 2017, 116, 66-71.	2.2	19
15	Bioinformatics analysis reveals the landscape of immune cell infiltration and immune-related pathways participating in the progression of carotid atherosclerotic plaques. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 96-107.	2.8	19
16	Peroxidasin promotes diabetic vascular endothelial dysfunction induced by advanced glycation end products via NOX2/HOCl/Akt/eNOS pathway. <i>Redox Biology</i> , 2021, 45, 102031.	9.0	19
17	Trends in the Prevalence of Cardiometabolic Multimorbidity in the United States, 1999-2018. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4726.	2.6	19
18	Poldip2 deficiency protects against lung edema and vascular inflammation in a model of acute respiratory distress syndrome. <i>Clinical Science</i> , 2019, 133, 321-334.	4.3	18

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19	Involvement of vascular peroxidase 1 in angiotensin II-induced hypertrophy of H9c2 cells. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 519-529.e1.	2.3	16
20	Peroxidasin contributes to lung host defense by direct binding and killing of gram-negative bacteria. <i>PLoS Pathogens</i> , 2018, 14, e1007026.	4.7	16
21	Inhibition of BET bromodomain attenuates angiotensin II induced abdominal aortic aneurysm in ApoE <sup>-/-</sup> mice. <i>International Journal of Cardiology</i> , 2016, 223, 428-432.	1.7	15
22	Combination of apolipoprotein-A-I/apolipoprotein-A-I binding protein and anti-VEGF treatment overcomes anti-VEGF resistance in choroidal neovascularization in mice. <i>Communications Biology</i> , 2020, 3, 386.	4.4	15
23	Bioinformatics Analysis and Identification of Genes and Pathways in Ischemic Cardiomyopathy. <i>International Journal of General Medicine</i> , 2021, Volume 14, 5927-5937.	1.8	15
24	Association of healthy sleep pattern with the risk of cardiovascular disease and all-cause mortality among people with diabetes: A prospective cohort study. <i>Diabetes Research and Clinical Practice</i> , 2022, 186, 109822.	2.8	13
25	Vascular peroxidase 1 up regulation by angiotensin II attenuates nitric oxide production through increasing asymmetrical dimethylarginine in HUVECs. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 741-751.e3.	2.3	12
26	A study of aortic dissection screening method based on multiple machine learning models. <i>Journal of Thoracic Disease</i> , 2020, 12, 605-614.	1.4	11
27	Autopsy and statistical evidence of disturbed hemostasis progress in COVID-19: medical records from 407 patients. <i>Thrombosis Journal</i> , 2021, 19, 8.	2.1	11
28	VPO1 mediates oxidation of LDL and formation of foam cells. <i>Oncotarget</i> , 2016, 7, 35500-35511.	1.8	10
29	The role of losartan in preventing vascular remodeling in spontaneously hypertensive rats by inhibition of the H <sub>2</sub> O <sub>2</sub> /VPO1/HOCl/MMPs pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 855-861.	2.1	7
30	Identification of key genes and pathways affected in epicardial adipose tissue from patients with coronary artery disease by integrated bioinformatics analysis. <i>PeerJ</i> , 2020, 8, e8763.	2.0	7
31	PXDN reduces autophagic flux in insulin-resistant cardiomyocytes via modulating FoxO1. <i>Cell Death and Disease</i> , 2021, 12, 418.	6.3	5
32	Associations of baseline use of fish oil with progression of cardiometabolic multimorbidity and mortality among patients with hypertension: a prospective study of UK Biobank. <i>European Journal of Nutrition</i> , 2022, 61, 3461-3470.	3.9	5
33	Adherence to a healthy sleep pattern and incidence of cardiometabolic multimorbidity among hypertensive patients: a prospective study of UK Biobank. <i>Sleep</i> , 2022, 45, .	1.1	5
34	Contradictions between DAPT and PRECISE-DAPT scores with the severity of coronary lesion in acute coronary syndrome. <i>Medicine (United States)</i> , 2020, 99, e19699.	1.0	2
35	Correlation analysis between serum lipoprotein (a) and the incidence of aortic valve sclerosis. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 19318-24.	1.3	2
36	Identification of Target Genes and Transcription Factors in Mice with LMNA-Related Dilated Cardiomyopathy by Integrated Bioinformatic Analyses. <i>Medical Science Monitor</i> , 2020, 26, e924576.	1.1	1

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37	Proteogenomics Integrating Reveal a Complex Network, Alternative Splicing, Hub Genes Regulating Heart Maturation. <i>Genes</i> , 2022, 13, 250.	2.4	1
38	THE ROLE OF VASCULAR PEROXIDE 1 IN SPONTANEOUSLY HYPERTENSIVE RAT LEFT VENTRICULAR REMODELLING. <i>Heart</i> , 2012, 98, E66.1-E66.	2.9	0
39	Aortic Dissection Auxiliary Diagnosis Model and Applied Research Based on Ensemble Learning. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 777757.	2.4	0
40	Cluster-Based Ensemble Learning Model for Aortic Dissection Screening. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5657.	2.6	0