Jingyan Han

List of Publications by Year
in descending order

30	1,512	361413	477307
papers	citations	20 h-index	29 g-index

33	33	33	2578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alcohol Binge Drinking Selectively Stimulates Protein S-Glutathionylation in Aorta and Liver of ApoEâˆ'/âˆ' Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 649813.	2.4	5
2	Aging and Hypercholesterolemia Differentially Affect the Unfolded Protein Response in the Vasculature of ApoE âˆ'/âˆ' Mice. Journal of the American Heart Association, 2021, 10, e020441.	3.7	9
3	Redox RegulationviaGlutaredoxin-1 and ProteinS-Glutathionylation. Antioxidants and Redox Signaling, 2020, 32, 677-700.	5.4	69
4	IL-33 induction and signaling are controlled by glutaredoxin-1 in mouse macrophages. PLoS ONE, 2019, 14, e0210827.	2.5	17
5	Measurement of flowâ€mediated dilation of mouse femoral artery in vivo by optical coherence tomography. Journal of Biophotonics, 2018, 11, e201800053.	2.3	10
6	Assessment of S-Glutathionylated Rac1 in Cells Using Biotin-Labeled Glutathione. Methods in Molecular Biology, 2018, 1821, 155-163.	0.9	2
7	Glutaredoxin-1 Deficiency Causes Fatty Liver and Dyslipidemia by Inhibiting Sirtuin-1. Antioxidants and Redox Signaling, 2017, 27, 313-327.	5.4	42
8	Endothelial Cell Redox Regulation of Ischemic Angiogenesis. Journal of Cardiovascular Pharmacology, 2016, 67, 458-464.	1.9	14
9	AMPK Activation by Metformin Suppresses Abnormal Extracellular Matrix Remodeling in Adipose Tissue and Ameliorates Insulin Resistance in Obesity. Diabetes, 2016, 65, 2295-2310.	0.6	132
10	The redox mechanism for vascular barrier dysfunction associated with metabolic disorders: Glutathionylation of Rac1 in endothelial cells. Redox Biology, 2016, 9, 306-319.	9.0	51
11	Glutaredoxin-1 Deficiency Causes Fatty Liver and Dyslipidemia. Free Radical Biology and Medicine, 2015, 87, S27.	2.9	0
12	Flow shear stress differentially regulates endothelial uptake of nanocarriers targeted to distinct epitopes of PECAM-1. Journal of Controlled Release, 2015, 210, 39-47.	9.9	49
13	Collaborative Enhancement of Endothelial Targeting of Nanocarriers by Modulating Platelet-Endothelial Cell Adhesion Molecule-1/CD31 Epitope Engagement. ACS Nano, 2015, 9, 6785-6793.	14.6	22
14	Glutaredoxin-1 Up-regulation Induces Soluble Vascular Endothelial Growth Factor Receptor 1, Attenuating Post-ischemia Limb Revascularization. Journal of Biological Chemistry, 2014, 289, 8633-8644.	3.4	56
15	A Redox-resistant Sirtuin-1 Mutant Protects against Hepatic Metabolic and Oxidant Stress. Journal of Biological Chemistry, 2014, 289, 7293-7306.	3.4	58
16	A critical role for Lyn kinase in strengthening endothelial integrity and barrier function. Blood, 2013, 122, 4140-4149.	1.4	63
17	Vascular Immunotargeting to Endothelial Determinant ICAM-1 Enables Optimal Partnering of Recombinant scFv-Thrombomodulin Fusion with Endogenous Cofactor. PLoS ONE, 2013, 8, e80110.	2.5	48
18	Anti-Inflammatory Effect of Targeted Delivery of SOD to Endothelium: Mechanism, Synergism with NO Donors and Protective Effects In Vitro and In Vivo. PLoS ONE, 2013, 8, e77002.	2.5	50

#	Article	IF	Citations
19	Antioxidant protection by PECAM-targeted delivery of a novel NADPH-oxidase inhibitor to the endothelium in vitro and in vivo. Journal of Controlled Release, 2012, 163, 161-169.	9.9	71
20	Acute and Chronic Shear Stress Differently Regulate Endothelial Internalization of Nanocarriers Targeted to Platelet-Endothelial Cell Adhesion Molecule-1. ACS Nano, 2012, 6, 8824-8836.	14.6	98
21	Targeted interception of signaling reactive oxygen species in the vascular endothelium. Therapeutic Delivery, 2012, 3, 263-276.	2.2	37
22	Vasodilatorâ€stimulated phosphoprotein deficiency potentiates PARâ€1â€induced increase in endothelial permeability in mouse lungs. Journal of Cellular Physiology, 2011, 226, 1255-1264.	4.1	7
23	Catalase and Superoxide Dismutase Conjugated with Platelet-Endothelial Cell Adhesion Molecule Antibody Distinctly Alleviate Abnormal Endothelial Permeability Caused by Exogenous Reactive Oxygen Species and Vascular Endothelial Growth Factor. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 82-91.	2.5	66
24	PECAMâ€targeted delivery of SOD inhibits endothelial inflammatory response. FASEB Journal, 2011, 25, 348-357.	0.5	89
25	Tâ€cadherin modulates endothelial barrier function. Journal of Cellular Physiology, 2010, 223, 94-102.	4.1	20
26	Caveolin-1 Protects against Sepsis by Modulating Inflammatory Response, Alleviating Bacterial Burden, and Suppressing Thymocyte Apoptosis. Journal of Biological Chemistry, 2010, 285, 25154-25160.	3.4	53
27	Zyxin is involved in thrombin signalingviainteraction with PARâ€1 receptor. FASEB Journal, 2009, 23, 4193-4206.	0.5	20
28	LIM Kinase 1 Promotes Endothelial Barrier Disruption and Neutrophil Infiltration in Mouse Lungs. Circulation Research, 2009, 105, 549-556.	4.5	23
29	Gî±13 regulates MEF2-dependent gene transcription in endothelial cells: role in angiogenesis. Angiogenesis, 2009, 12, 1-15.	7.2	20
30	Lipopolysaccharide Stimulates Platelet Secretion and Potentiates Platelet Aggregation via TLR4/MyD88 and the cGMP-Dependent Protein Kinase Pathway. Journal of Immunology, 2009, 182, 7997-8004.	0.8	311