

Shaw Fang Yet

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

6,072
citations

41
h-index

77
g-index

102
ext. papers

6,511
ext. citations

7.2
avg, IF

5
L-index

#	Paper	IF	Citations
99	Cysteine-rich protein 2 deficiency attenuates angiotensin II-induced abdominal aortic aneurysm formation in mice.. <i>Journal of Biomedical Science</i> , 2022 , 29, 25	13.3	0
98	Ambient Particulate Matter Induces Vascular Smooth Muscle Cell Phenotypic Changes via NOX1/ROS/NF- κ B Dependent and Independent Pathways: Protective Effects of Polyphenols. <i>Antioxidants</i> , 2021 , 10,	7.1	4
97	The Effect of Heat Treatment toward Glycerol-Based, Photocurable Polymeric Scaffold: Mechanical, Degradation and Biocompatibility. <i>Polymers</i> , 2021 , 13,	4.5	1
96	Aortic carboxypeptidase-like protein regulates vascular adventitial progenitor and fibroblast differentiation through myocardin related transcription factor A. <i>Scientific Reports</i> , 2021 , 11, 3948	4.9	1
95	A novel engineered vascular construct of stem cell-laden 3D-printed PGSA scaffold enhances tissue revascularization. <i>Biofabrication</i> , 2021 , 13,	10.5	1
94	Exposure to Zinc Oxide Nanoparticles Disrupts Endothelial Tight and Adherens Junctions and Induces Pulmonary Inflammatory Cell Infiltration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
93	Identification of ambient fine particulate matter components related to vascular dysfunction by analyzing spatiotemporal variations. <i>Science of the Total Environment</i> , 2020 , 719, 137243	10.2	5
92	The Role of Mitochondria in Cardiovascular Diseases. <i>Biology</i> , 2020 , 9,	4.9	13
91	5-methoxytryptophan: an arsenal against vascular injury and inflammation. <i>Journal of Biomedical Science</i> , 2020 , 27, 79	13.3	7
90	WNT3A Promotes Neuronal Regeneration upon Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
89	Expression of Nik-related kinase in smooth muscle cells attenuates vascular inflammation and intimal hyperplasia. <i>Aging</i> , 2020 , 12, 7511-7533	5.6	6
88	Neurodegenerative Diseases Associated with Mitochondrial DNA Mutations. <i>Current Pharmaceutical Design</i> , 2020 , 26, 103-109	3.3	3
87	The role of mitochondria in cardiovascular diseases related to atherosclerosis. <i>Frontiers in Bioscience - Elite</i> , 2020 , 12, 102-112	1.6	5
86	Prevention of atherosclerosis: the role of special diets and functional foods. <i>Frontiers in Bioscience - Scholar</i> , 2020 , 12, 57-69	2.4	1
85	Atherosclerosis prevention: the role of special diets and functional food. <i>Frontiers in Bioscience - Elite</i> , 2020 , 12, 95-101	1.6	0
84	Therapeutic Potential of Heme Oxygenase-1 in Aneurysmal Diseases. <i>Antioxidants</i> , 2020 , 9,	7.1	5
83	Sialidase Activity in Human Blood Serum Has a Distinct Seasonal Pattern: A Pilot Study. <i>Biology</i> , 2020 , 9,	4.9	1

82	Changes in Mitochondrial Genome Associated with Predisposition to Atherosclerosis and Related Disease. <i>Biomolecules</i> , 2019 , 9,	5.9	17
81	The Atherogenic Role of Circulating Modified Lipids in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	50
80	Tryptophan metabolite 5-methoxytryptophan ameliorates arterial denudation-induced intimal hyperplasia via opposing effects on vascular endothelial and smooth muscle cells. <i>Aging</i> , 2019 , 11, 8604-8622	5.6	7
79	Identification of osteopontin as a biomarker of human exposure to fine particulate matter. <i>Environmental Pollution</i> , 2019 , 245, 975-985	9.3	8
78	Frontline Science: Targeted expression of a dominant-negative high mobility group A1 transgene improves outcome in sepsis. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 677-689	6.5	6
77	Absence of Heme Oxygenase-1 Accelerates Smooth Muscle Cell Gene Expressions during Embryoid Body Development from Mouse Embryonic Stem Cells. <i>FASEB Journal</i> , 2018 , 32, 676.7	0.9	
76	Loss of heme oxygenase-1 accelerates mesodermal gene expressions during embryoid body development from mouse embryonic stem cells. <i>Redox Biology</i> , 2018 , 15, 51-61	11.3	5
75	Cordycepin disrupts leukemia association with mesenchymal stromal cells and eliminates leukemia stem cell activity. <i>Scientific Reports</i> , 2017 , 7, 43930	4.9	13
74	Heme oxygenase-1 deficiency exacerbates angiotensin II-induced aortic aneurysm in mice. <i>Oncotarget</i> , 2016 , 7, 67760-67776	3.3	24
73	TLR4-Activated MAPK-IL-6 Axis Regulates Vascular Smooth Muscle Cell Function. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	25
72	A PDMS-Based Microfluidic Hanging Drop Chip for Embryoid Body Formation. <i>Molecules</i> , 2016 , 21,	4.8	17
71	A Novel Protective Function of 5-Methoxytryptophan in Vascular Injury. <i>Scientific Reports</i> , 2016 , 6, 25374.	4.9	21
70	Endothelium-Derived 5-Methoxytryptophan Is a Circulating Anti-Inflammatory Molecule That Blocks Systemic Inflammation. <i>Circulation Research</i> , 2016 , 119, 222-36	15.7	37
69	Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells. <i>International Journal of Cardiology</i> , 2015 , 201, 441-8	3.2	12
68	Divergent signaling pathways cooperatively regulate TGF β induction of cysteine-rich protein 2 in vascular smooth muscle cells. <i>Cell Communication and Signaling</i> , 2014 , 12, 22	7.5	12
67	Modulation of cysteine-rich protein 2 expression in vascular injury and atherosclerosis. <i>Molecular Biology Reports</i> , 2014 , 41, 7033-41	2.8	3
66	Cysteine-rich protein 2 alters p130Cas localization and inhibits vascular smooth muscle cell migration. <i>Cardiovascular Research</i> , 2013 , 100, 461-71	9.9	16
65	Myeloid heme oxygenase-1 haploinsufficiency reduces high fat diet-induced insulin resistance by affecting adipose macrophage infiltration in mice. <i>PLoS ONE</i> , 2012 , 7, e38626	3.7	21

64	Lobe-specific calcium binding in calmodulin regulates endothelial nitric oxide synthase activation. <i>PLoS ONE</i> , 2012 , 7, e39851	3.7	7
63	14-3-3 β regulates E-catenin-mediated mouse embryonic stem cell proliferation by sequestering GSK-3 β . <i>PLoS ONE</i> , 2012 , 7, e40193	3.7	15
62	TLR 2 induces vascular smooth muscle cell migration through cAMP response element-binding protein-mediated interleukin-6 production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2751-60	9.4	48
61	Exacerbation of oxidative stress-induced cell death and differentiation in induced pluripotent stem cells lacking heme oxygenase-1. <i>Stem Cells and Development</i> , 2012 , 21, 1675-87	4.4	28
60	Heme oxygenase-1 in environmental toxin-induced lung disease. <i>Toxicology Mechanisms and Methods</i> , 2012 , 22, 323-9	3.6	20
59	α 2-Integrin and Notch-1 differentially regulate CD34(+)CD31(+) cell plasticity in vascular niches. <i>Cardiovascular Research</i> , 2012 , 96, 296-307	9.9	4
58	Current applications of human pluripotent stem cells: possibilities and challenges. <i>Cell Transplantation</i> , 2012 , 21, 801-14	4	27
57	A central role of heme oxygenase-1 in cardiovascular protection. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1835-46	8.4	130
56	Heme oxygenase-1 in inflammation and cardiovascular disease. <i>American Journal of Cardiovascular Disease</i> , 2011 , 1, 150-8	0.9	72
55	Loss of the serum response factor cofactor, cysteine-rich protein 1, attenuates neointima formation in the mouse. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 694-701	9.4	19
54	Endogenous KLF4 expression in human fetal endothelial cells allows for reprogramming to pluripotency with just OCT3/4 and SOX2--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1905-7	9.4	29
53	Intronic CA β G box regulates cysteine-rich protein 2 expression in the adult but not in developing vasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 835-42	9.4	11
52	Disruption of striated preferentially expressed gene locus leads to dilated cardiomyopathy in mice. <i>Circulation</i> , 2009 , 119, 261-8	16.7	27
51	After vascular injury, heme oxygenase-1/carbon monoxide enhances re-endothelialization via promoting mobilization of circulating endothelial progenitor cells. <i>Journal of Thrombosis and Haemostasis</i> , 2009 , 7, 1401-8	15.4	64
50	High mobility group A1 protein mediates human nitric oxide synthase 2 gene expression. <i>FEBS Letters</i> , 2008 , 582, 810-4	3.8	8
49	Strategic targets to induce neovascularization by resveratrol in hypercholesterolemic rat myocardium: role of caveolin-1, endothelial nitric oxide synthase, hemeoxygenase-1, and vascular endothelial growth factor. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 1027-34	7.8	57
48	Heme oxygenase-1 promotes neovascularization in ischemic heart by coinduction of VEGF and SDF-1. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 45, 44-55	5.8	85
47	Transforming growth factor beta up-regulates cysteine-rich protein 2 in vascular smooth muscle cells via activating transcription factor 2. <i>Journal of Biological Chemistry</i> , 2008 , 283, 15003-14	5.4	23

46	Carbon monoxide inhalation rescues mice from fulminant hepatitis through improving hepatic energy metabolism. <i>Shock</i> , 2007 , 27, 165-71	3.4	42
45	Endotoxin-induced down-regulation of Elk-3 facilitates heme oxygenase-1 induction in macrophages. <i>Journal of Immunology</i> , 2006 , 176, 2414-20	5.3	26
44	Heme oxygenase-1 (HO-1) inhibits postmyocardial infarct remodeling and restores ventricular function. <i>FASEB Journal</i> , 2006 , 20, 207-16	0.9	105
43	Aortic carboxypeptidase-like protein is expressed in collagen-rich tissues during mouse embryonic development. <i>Gene Expression Patterns</i> , 2005 , 5, 533-7	1.5	22
42	Increased neointima formation in cysteine-rich protein 2-deficient mice in response to vascular injury. <i>Circulation Research</i> , 2005 , 97, 1323-31	15.7	47
41	Absence of heme oxygenase-1 exacerbates myocardial ischemia/reperfusion injury in diabetic mice. <i>Diabetes</i> , 2005 , 54, 778-84	0.9	120
40	Induction of heme oxygenase-1 expression inhibits platelet-dependent thrombosis. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 729-35	8.4	45
39	A key role for heme oxygenase-1 in nitric oxide resistance in murine motor neurons and glia. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 3-9	3.4	24
38	Elk-3 is a transcriptional repressor of nitric-oxide synthase 2. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39572-7	5.4	36
37	Cyclooxygenase-2-deficient mice are resistant to endotoxin-induced inflammation and death. <i>FASEB Journal</i> , 2003 , 17, 1325-7	0.9	105
36	Identification of a CArG-independent region of the cysteine-rich protein 2 promoter that directs expression in the developing vasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H1675-83	5.2	15
35	Role of heme oxygenase-1 in the regulation of blood pressure and cardiac function. <i>Experimental Biology and Medicine</i> , 2003 , 228, 447-53	3.7	78
34	Absence of heme oxygenase-1 exacerbates atherosclerotic lesion formation and vascular remodeling. <i>FASEB Journal</i> , 2003 , 17, 1759-61	0.9	247
33	Role of heme oxygenase-1 in cardiovascular function. <i>Current Pharmaceutical Design</i> , 2003 , 9, 2479-87	3.3	69
32	Modulation of the thioredoxin system during inflammatory responses and its effect on heme oxygenase-1 expression. <i>Antioxidants and Redox Signaling</i> , 2002 , 4, 569-75	8.4	30
31	Characterization of the mouse aortic carboxypeptidase-like protein promoter reveals activity in differentiated and dedifferentiated vascular smooth muscle cells. <i>Circulation Research</i> , 2002 , 90, 728-36	15.7	53
30	Gene therapy strategy for long-term myocardial protection using adeno-associated virus-mediated delivery of heme oxygenase gene. <i>Circulation</i> , 2002 , 105, 602-7	16.7	277
29	Heme oxygenase 1 in regulation of inflammation and oxidative damage. <i>Methods in Enzymology</i> , 2002 , 353, 163-76	1.7	31

28	Thioredoxin Facilitates the Induction of Heme Oxygenase-1 in Response to Inflammatory Mediators 2002 , 227-237		
27	Paradoxical rescue from ischemic lung injury by inhaled carbon monoxide driven by derepression of fibrinolysis. <i>Nature Medicine</i> , 2001 , 7, 598-604	50.5	348
26	Heme oxygenase-1 protects against vascular constriction and proliferation. <i>Nature Medicine</i> , 2001 , 7, 693-8	50.5	453
25	Akt participation in the Wnt signaling pathway through Dishevelled. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17479-83	5.4	270
24	Impaired abdominal wall development and deficient wound healing in mice lacking aortic carboxypeptidase-like protein. <i>Molecular and Cellular Biology</i> , 2001 , 21, 5256-61	4.8	72
23	Cardiac-specific expression of heme oxygenase-1 protects against ischemia and reperfusion injury in transgenic mice. <i>Circulation Research</i> , 2001 , 89, 168-73	15.7	358
22	Upstream stimulatory factors regulate aortic preferentially expressed gene-1 expression in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 47658-63	5.4	28
21	Role of macrophage-expressed adipocyte fatty acid binding protein in the development of accelerated atherosclerosis in hypercholesterolemic mice. <i>FASEB Journal</i> , 2001 , 15, 2733-5	0.9	64
20	Exacerbation of chronic renovascular hypertension and acute renal failure in heme oxygenase-1-deficient mice. <i>Circulation Research</i> , 2001 , 88, 1088-94	15.7	92
19	Endotoxin-induced mortality is related to increased oxidative stress and end-organ dysfunction, not refractory hypotension, in heme oxygenase-1-deficient mice. <i>Circulation</i> , 2000 , 102, 3015-22	16.7	182
18	CLIF, a novel cycle-like factor, regulates the circadian oscillation of plasminogen activator inhibitor-1 gene expression. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36847-51	5.4	152
17	Thioredoxin facilitates the induction of heme oxygenase-1 in response to inflammatory mediators. <i>Journal of Biological Chemistry</i> , 2000 , 275, 24840-6	5.4	99
16	Genomic cloning and promoter analysis of aortic preferentially expressed gene-1. Identification of a vascular smooth muscle-specific promoter mediated by an E box motif. <i>Journal of Biological Chemistry</i> , 1999 , 274, 14344-51	5.4	19
15	High mobility group-I(Y) protein facilitates nuclear factor-kappaB binding and transactivation of the inducible nitric-oxide synthase promoter/enhancer. <i>Journal of Biological Chemistry</i> , 1999 , 274, 9045-52	5.4	59
14	Generation of a dominant-negative mutant of endothelial PAS domain protein 1 by deletion of a potent C-terminal transactivation domain. <i>Journal of Biological Chemistry</i> , 1999 , 274, 31565-70	5.4	49
13	Induction of high mobility group-I(Y) protein by endotoxin and interleukin-1beta in vascular smooth muscle cells. Role in activation of inducible nitric oxide synthase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 1525-32	5.4	37
12	Hypoxia induces severe right ventricular dilatation and infarction in heme oxygenase-1 null mice. <i>Journal of Clinical Investigation</i> , 1999 , 103, R23-9	15.9	342
11	Human EZF, a Kr��pel-like zinc finger protein, is expressed in vascular endothelial cells and contains transcriptional activation and repression domains. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1026-31	5.4	150

10	Embryonic expression suggests an important role for CRP2/SmLIM in the developing cardiovascular system. <i>Circulation Research</i> , 1998 , 83, 980-5	15.7	56
9	Molecular cloning, characterization, and promoter analysis of the mouse Crp2/SmLim gene. Preferential expression of its promoter in the vascular smooth muscle cells of transgenic mice. <i>Journal of Biological Chemistry</i> , 1998 , 273, 10530-7	5.4	33
8	Aortic carboxypeptidase-like protein, a novel protein with discoidin and carboxypeptidase-like domains, is up-regulated during vascular smooth muscle cell differentiation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 15654-60	5.4	68
7	Induction of heme oxygenase-1 during endotoxemia is downregulated by transforming growth factor-beta1. <i>Circulation Research</i> , 1998 , 83, 396-403	15.7	55
6	In vitro system for differentiating pluripotent neural crest cells into smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 5993-6	5.4	52
5	Induction of heme oxygenase-1 expression in vascular smooth muscle cells. A link to endotoxic shock. <i>Journal of Biological Chemistry</i> , 1997 , 272, 4295-301	5.4	161
4	Suppression of interleukin-1beta-induced nitric-oxide synthase promoter/enhancer activity by transforming growth factor-beta1 in vascular smooth muscle cells. Evidence for mechanisms other than NF-kappaB. <i>Journal of Biological Chemistry</i> , 1996 , 271, 13776-80	5.4	67
3	Molecular cloning and characterization of SmLIM, a developmentally regulated LIM protein preferentially expressed in aortic smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 10194-9	5.4	70
2	Hormonal and nutritional control of the fatty acid synthase promoter in transgenic mice. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30339-43	5.4	60
1	Induction of vascular endothelial growth factor gene expression by interleukin-1 beta in rat aortic smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1995 , 270, 308-12	5.4	268