

Shaw Fang Yet

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1963058/shaw-fang-yet-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Heme oxygenase-1 protects against vascular constriction and proliferation. <i>Nature Medicine</i> , 2001 , 7, 693-8	50.5	453
98	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
97	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
96	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
95	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
94	Akt participation in the Wnt signaling pathway through Dishevelled. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17479-83	5.4	270
93	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
92	Absence of heme oxygenase-1 exacerbates atherosclerotic lesion formation and vascular remodeling. <i>FASEB Journal</i> , 2003 , 17, 1759-61	0.9	247
91	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
90	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
89	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
88	Human EZF, a Kr β 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
87	A central role of heme oxygenase-1 in cardiovascular protection. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1835-46	8.4	130
86	Absence of heme oxygenase-1 exacerbates myocardial ischemia/reperfusion injury in diabetic mice. <i>Diabetes</i> , 2005 , 54, 778-84	0.9	120
85	Heme oxygenase-1 (HO-1) inhibits postmyocardial infarct remodeling and restores ventricular function. <i>FASEB Journal</i> , 2006 , 20, 207-16	0.9	105
84	Cyclooxygenase-2-deficient mice are resistant to endotoxin-induced inflammation and death. <i>FASEB Journal</i> , 2003 , 17, 1325-7	0.9	105
83	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

82	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
81	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
80	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
79	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
78	Heme oxygenase-1 in inflammation and cardiovascular disease. <i>American Journal of Cardiovascular Disease</i> , 2011 , 1, 150-8	0.9	72
77	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
76	Role of heme oxygenase-1 in cardiovascular function. <i>Current Pharmaceutical Design</i> , 2003 , 9, 2479-87	3.3	69
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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

64	The Atherogenic Role of Circulating Modified Lipids in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	50
63	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
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	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
60	Induction of heme oxygenase-1 expression inhibits platelet-dependent thrombosis. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 729-35	8.4	45
59	Carbon monoxide inhalation rescues mice from fulminant hepatitis through improving hepatic energy metabolism. <i>Shock</i> , 2007 , 27, 165-71	3.4	42
58	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
57	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
56	Elk-3 is a transcriptional repressor of nitric-oxide synthase 2. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39572-7	5.4	36
55	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
54	Heme oxygenase 1 in regulation of inflammation and oxidative damage. <i>Methods in Enzymology</i> , 2002 , 353, 163-76	1.7	31
53	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
52	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
51	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
50	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
49	Disruption of striated preferentially expressed gene locus leads to dilated cardiomyopathy in mice. <i>Circulation</i> , 2009 , 119, 261-8	16.7	27
48	Current applications of human pluripotent stem cells: possibilities and challenges. <i>Cell Transplantation</i> , 2012 , 21, 801-14	4	27
47	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

46	TLR4-Activated MAPK-IL-6 Axis Regulates Vascular Smooth Muscle Cell Function. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	25
45	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
44	Heme oxygenase-1 deficiency exacerbates angiotensin II-induced aortic aneurysm in mice. <i>Oncotarget</i> , 2016 , 7, 67760-67776	3.3	24
43	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
42	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
41	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
40	A Novel Protective Function of 5-Methoxytryptophan in Vascular Injury. <i>Scientific Reports</i> , 2016 , 6, 25374	4.9	21
39	Heme oxygenase-1 in environmental toxin-induced lung disease. <i>Toxicology Mechanisms and Methods</i> , 2012 , 22, 323-9	3.6	20
38	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
37	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
36	Changes in Mitochondrial Genome Associated with Predisposition to Atherosclerosis and Related Disease. <i>Biomolecules</i> , 2019 , 9,	5.9	17
35	A PDMS-Based Microfluidic Hanging Drop Chip for Embryoid Body Formation. <i>Molecules</i> , 2016 , 21,	4.8	17
34	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
33	14-3-3 σ regulates E-catenin-mediated mouse embryonic stem cell proliferation by sequestering GSK-3 β . <i>PLoS ONE</i> , 2012 , 7, e40193	3.7	15
32	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
31	Cordycepin disrupts leukemia association with mesenchymal stromal cells and eliminates leukemia stem cell activity. <i>Scientific Reports</i> , 2017 , 7, 43930	4.9	13
30	The Role of Mitochondria in Cardiovascular Diseases. <i>Biology</i> , 2020 , 9,	4.9	13
29	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

28	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
27	Intronic CARG 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
26	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
25	High mobility group A1 protein mediates human nitric oxide synthase 2 gene expression. <i>FEBS Letters</i> , 2008 , 582, 810-4	3.8	8
24	Identification of osteopontin as a biomarker of human exposure to fine particulate matter. <i>Environmental Pollution</i> , 2019 , 245, 975-985	9.3	8
23	5-methoxytryptophan: an arsenal against vascular injury and inflammation. <i>Journal of Biomedical Science</i> , 2020 , 27, 79	13.3	7
22	Lobe-specific calcium binding in calmodulin regulates endothelial nitric oxide synthase activation. <i>PLoS ONE</i> , 2012 , 7, e39851	3.7	7
21	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
20	WNT3A Promotes Neuronal Regeneration upon Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
19	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
18	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
17	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
16	The role of mitochondria in cardiovascular diseases related to atherosclerosis. <i>Frontiers in Bioscience - Elite</i> , 2020 , 12, 102-112	1.6	5
15	Therapeutic Potential of Heme Oxygenase-1 in Aneurysmal Diseases. <i>Antioxidants</i> , 2020 , 9,	7.1	5
14	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
13	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
12	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
11	Modulation of cysteine-rich protein 2 expression in vascular injury and atherosclerosis. <i>Molecular Biology Reports</i> , 2014 , 41, 7033-41	2.8	3

10	Neurodegenerative Diseases Associated with Mitochondrial DNA Mutations. <i>Current Pharmaceutical Design</i> , 2020 , 26, 103-109	3.3	3
9	Prevention of atherosclerosis: the role of special diets and functional foods. <i>Frontiers in Bioscience - Scholar</i> , 2020 , 12, 57-69	2.4	1
8	Sialidase Activity in Human Blood Serum Has a Distinct Seasonal Pattern: A Pilot Study. <i>Biology</i> , 2020 , 9,	4.9	1
7	The Effect of Heat Treatment toward Glycerol-Based, Photocurable Polymeric Scaffold: Mechanical, Degradation and Biocompatibility. <i>Polymers</i> , 2021 , 13,	4.5	1
6	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
5	A novel engineered vascular construct of stem cell-laden 3D-printed PGSA scaffold enhances tissue revascularization. <i>Biofabrication</i> , 2021 , 13,	10.5	1
4	Atherosclerosis prevention: the role of special diets and functional food. <i>Frontiers in Bioscience - Elite</i> , 2020 , 12, 95-101	1.6	0
3	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
2	Thioredoxin Facilitates the Induction of Heme Oxygenase-1 in Response to Inflammatory Mediators 2002 , 227-237		
1	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	