

Lee-Young Chau

List of Publications by Year in descending order

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55
papers

4,070
citations

218677

26
h-index

161849

54
g-index

55
all docs

55
docs citations

55
times ranked

5062
citing authors

#	ARTICLE	IF	CITATIONS
1	Heme oxygenase-1 mediates the anti-inflammatory effect of interleukin-10 in mice. <i>Nature Medicine</i> , 2002, 8, 240-246.	30.7	956
2	Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2001, 104, 1519-1525.	1.6	315
3	Microsatellite polymorphism in promoter of heme oxygenase-1 gene is associated with susceptibility to coronary artery disease in type 2 diabetic patients. <i>Human Genetics</i> , 2002, 111, 1-8.	3.8	293
4	The Role of Interleukin 12 in the Development of Atherosclerosis in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 734-742.	2.4	284
5	Heme oxygenase-1: emerging target of cancer therapy. <i>Journal of Biomedical Science</i> , 2015, 22, 22.	7.0	197
6	Induction of Heme Oxygenase-1 Expression in Murine Macrophages Is Essential for the Anti-inflammatory Effect of Low Dose 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ . <i>Journal of Biological Chemistry</i> , 2003, 278, 19325-19330.	3.4	194
7	Iron-Deficient Diet Reduces Atherosclerotic Lesions in ApoE-Deficient Mice. <i>Circulation</i> , 1999, 99, 1222-1229.	1.6	165
8	Overexpression of HO-1 Protects against TNF- α -Mediated Airway Inflammation by Down-Regulation of TNFR1-Dependent Oxidative Stress. <i>American Journal of Pathology</i> , 2009, 175, 519-532.	3.8	159
9	Heme Oxygenase-1 Inhibits Angiotensin II-Induced Cardiac Hypertrophy In Vitro and In Vivo. <i>Circulation</i> , 2004, 110, 309-316.	1.6	132
10	Release of arachidonate from diglyceride in human platelets requires the sequential action of a diglyceride lipase and a monoglyceride lipase. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 1688-1695.	2.1	97
11	Serum Bilirubin and Ferritin Levels Link Heme Oxygenase-1 Gene Promoter Polymorphism and Susceptibility to Coronary Artery Disease in Diabetic Patients. <i>Diabetes Care</i> , 2008, 31, 1615-1620.	8.6	93
12	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.	1.9	90
13	Heme oxygenase-1 gene promoter microsatellite polymorphism is associated with angiographic restenosis after coronary stenting. <i>European Heart Journal</i> , 2004, 25, 39-47.	2.2	84
14	Colocalization of iron and ceroid in human atherosclerotic lesions. <i>Atherosclerosis</i> , 1998, 138, 281-288.	0.8	82
15	Fas/Fas ligand-mediated death pathway is involved in oxLDL-induced apoptosis in vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C709-C718.	4.6	80
16	Systemic Expression of Heme Oxygenase-1 Ameliorates Type 1 Diabetes in NOD Mice. <i>Diabetes</i> , 2007, 56, 1240-1247.	0.6	68
17	Heme Oxygenase-1/Carbon Monoxide Induces Vascular Endothelial Growth Factor Expression via p38 Kinase-dependent Activation of Sp1. <i>Journal of Biological Chemistry</i> , 2011, 286, 3829-3838.	3.4	62
18	Ubiquitin-proteasome system mediates heme oxygenase-1 degradation through endoplasmic reticulum-associated degradation pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1826-1834.	4.1	53

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19	Diglyceride/monoglyceride lipases pathway is not essential for arachidonate release in thrombin-activated human platelets. <i>Biochemical and Biophysical Research Communications</i> , 1983, 113, 241-247.	2.1	47
20	Oligomerization Is Crucial for the Stability and Function of Heme Oxygenase-1 in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2009, 284, 22672-22679.	3.4	42
21	Effects of adenovirus-expressing IL-10 in alleviating airway inflammation in asthma. <i>Journal of Gene Medicine</i> , 2006, 8, 1393-1399.	2.8	36
22	Hemin promotes proliferation and differentiation of endothelial progenitor cells via activation of AKT and ERK. <i>Journal of Cellular Physiology</i> , 2009, 219, 617-625.	4.1	32
23	Biomimicking Platelet-Monocyte Interactions as a Novel Targeting Strategy for Heart Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 2686-2697.	7.6	31
24	Dietary iron restriction increases plaque stability in apolipoprotein-E-deficient mice. <i>Journal of Biomedical Science</i> , 2003, 10, 510-517.	7.0	29
25	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.	2.5	29
26	Galectin-1 Restricts Vascular Smooth Muscle Cell Motility Via Modulating Adhesion Force and Focal Adhesion Dynamics. <i>Scientific Reports</i> , 2018, 8, 11497.	3.3	28
27	Shorter GT repeat polymorphism in the heme oxygenase-1 gene promoter has protective effect on ischemic stroke in dyslipidemia patients. <i>Journal of Biomedical Science</i> , 2010, 17, 12.	7.0	27
28	Adenoviral transfer of the heme oxygenase-1 gene protects striatal astrocytes from heme-mediated oxidative injury. <i>Neurobiology of Disease</i> , 2004, 17, 179-187.	4.4	26
29	Signal peptide peptidase promotes tumor progression via facilitating FKBP8 degradation. <i>Oncogene</i> , 2019, 38, 1688-1701.	5.9	25
30	Adipose Overexpression of Heme Oxygenase-1 Does Not Protect against High Fat Diet-Induced Insulin Resistance in Mice. <i>PLoS ONE</i> , 2013, 8, e55369.	2.5	23
31	Monoglyceride and diglyceride lipases from human platelet microsomes. <i>Lipids and Lipid Metabolism</i> , 1988, 963, 436-444.	2.6	21
32	Functional Characterization of the Promoter Region of the Platelet-activating Factor Receptor Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 14123-14129.	3.4	21
33	Heme oxygenase-1 attenuates interleukin-1 β -induced nitric oxide synthase expression in vascular smooth muscle cells. <i>Journal of Biomedical Science</i> , 2004, 11, 799-809.	7.0	21
34	Copper-induced apoptosis and immediate early gene expression in macrophages. <i>Atherosclerosis</i> , 1999, 146, 45-52.	0.8	20
35	Inhibition of Experimental Autoimmune Anterior Uveitis by Adenovirus-Mediated Transfer of the Interleukin-10 Gene. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2005, 21, 420-428.	1.4	20
36	Carbon Monoxide-Induced Early Thrombolysis Contributes to Heme Oxygenase-1-Mediated Inhibition of Neointimal Growth after Vascular Injury in Hypercholesterolemic Mice. <i>Journal of Biomedical Science</i> , 2006, 13, 721-730.	7.0	20

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37	Activator Protein-2 β Mediates Carbon Monoxide α -Induced Stromal Cell α -Derived Factor-1 β Expression and Vascularization in Ischemic Heart. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 785-794.	2.4	20
38	Myeloid heme oxygenase α 1 promotes metastatic tumor colonization in mice. <i>Cancer Science</i> , 2015, 106, 299-306.	3.9	18
39	Photoaffinity labeling of platelet activating factor binding sites in rabbit platelet membranes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 161, 1070-1076.	2.1	17
40	Analysis of the T cell receptor V β 2 repertoire in human aortic aneurysms. <i>Atherosclerosis</i> , 1997, 135, 29-36.	0.8	17
41	Siglec-E retards atherosclerosis by inhibiting CD36-mediated foam cell formation. <i>Journal of Biomedical Science</i> , 2021, 28, 5.	7.0	17
42	Post-transcriptional Regulation of H-ferritin mRNA. <i>Journal of Biological Chemistry</i> , 1999, 274, 30209-30214.	3.4	15
43	Characterization of 3 H-labelled platelet activating factor receptor complex solubilized from rabbit platelet membranes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 970, 103-112.	4.1	13
44	Gal-1 (Galectin-1) Upregulation Contributes to Abdominal Aortic Aneurysm Progression by Enhancing Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 331-345.	2.4	12
45	Possible Existence of Two Subsets of Platelet-Activating Factor Receptor to Mediate Polyphosphoinositide Breakdown and Calcium Influx in Neuroblastoma γ 2/2 Glioma Hybrid NG 108?15 Cells. <i>Journal of Neurochemistry</i> , 1992, 59, 1090-1098.	3.9	11
46	Post-transcriptional regulation of H-ferritin gene expression in human monocytic THP-1 cells by protein kinase C. <i>Biochemical Journal</i> , 1996, 319, 185-189.	3.7	10
47	Identification of danthron as an isoform-specific inhibitor of HEME OXYGENASE-1/cytochrome P450 reductase interaction with anti-tumor activity. <i>Journal of Biomedical Science</i> , 2018, 25, 6.	7.0	4
48	Heme Oxygenase-1 Attenuates Interleukin-1 β -Induced Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells. <i>Journal of Biomedical Science</i> , 2004, 11, 799-809.	7.0	3
49	TRC8 downregulation contributes to the development of non-alcoholic steatohepatitis by exacerbating hepatic endoplasmic reticulum stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2339-2351.	3.8	3
50	A Practical Formal Synthesis of a Physiologically Active Analogue of Platelet Activating Factor. <i>Journal of the Chinese Chemical Society</i> , 1988, 35, 429-435.	1.4	2
51	Leukotriene C4-induced phosphoinositide hydrolysis in rat basophilic leukemia cell. <i>Life Sciences</i> , 1991, 49, 455-463.	4.3	2
52	Protein kinase C is not involved in the desensitization of platelet activating factor receptor in rabbit platelets. <i>Lipids</i> , 1991, 26, 1076-1079.	1.7	2
53	Characterization of a monoclonal antibody which is an activator of rabbit platelets. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1074, 118-124.	2.4	1
54	S65 Role of interleukin-12 in development of atherosclerosis in apoE-deficient mice. <i>Atherosclerosis</i> , 1998, 136, S39.	0.8	1

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55	1.P.98 Low iron diet reduces development of atherosclerosis in apoE-deficient mice. <i>Atherosclerosis</i> , 1997, 134, 37.	0.8	0