Lee-Young Chau

List of Publications by Year
in descending order

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	Gal-1 (Galectin-1) Upregulation Contributes to Abdominal Aortic Aneurysm Progression by Enhancing Vascular Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 331-345.	2.4	12
2	Siglec-E retards atherosclerosis by inhibiting CD36-mediated foam cell formation. Journal of Biomedical Science, 2021, 28, 5.	7.0	17
3	Signal peptide peptidase promotes tumor progression via facilitating FKBP8 degradation. Oncogene, 2019, 38, 1688-1701.	5.9	25
4	Galectin-1 Restricts Vascular Smooth Muscle Cell Motility Via Modulating Adhesion Force and Focal Adhesion Dynamics. Scientific Reports, 2018, 8, 11497.	3.3	28
5	Identification of danthron as an isoform-specific inhibitor of HEME OXYGENASE-1/cytochrome P450 reductase interaction with anti-tumor activity. Journal of Biomedical Science, 2018, 25, 6.	7.0	4
6	Biomimicking Plateletâ€“Monocyte Interactions as a Novel Targeting Strategy for Heart Healing. Advanced Healthcare Materials, 2016, 5, 2686-2697.	7.6	31
7	Myeloid heme oxygenaseâ€1 promotes metastatic tumor colonization in mice. Cancer Science, 2015, 106, 299-306.	3.9	18
8	Heme oxygenase-1: emerging target of cancer therapy. Journal of Biomedical Science, 2015, 22, 22.	7.0	197
9	TRC8 downregulation contributes to the development of non-alcoholic steatohepatitis by exacerbating hepatic endoplasmic reticulum stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2339-2351.	3.8	3
10	Activator Protein-2Î± Mediates Carbon Monoxideâ€“Induced Stromal Cellâ€“Derived Factor-1Î± Expression and Vascularization in Ischemic Heart. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 785-794.	2.4	20
11	Adipose Overexpression of Heme Oxygenase-1 Does Not Protect against High Fat Diet-Induced Insulin Resistance in Mice. PLoS ONE, 2013, 8, e55369.	2.5	23
12	Myeloid Heme Oxygenase-1 Haploinsufficiency Reduces High Fat Diet-Induced Insulin Resistance by Affecting Adipose Macrophage Infiltration in Mice. PLoS ONE, 2012, 7, e38626.	2.5	29
13	Heme Oxygenase-1/Carbon Monoxide Induces Vascular Endothelial Growth Factor Expression via p38 Kinase-dependent Activation of Sp1. Journal of Biological Chemistry, 2011, 286, 3829-3838.	3.4	62
14	Shorter GT repeat polymorphism in the heme oxygenase-1 gene promoter has protective effect on ischemic stroke in dyslipidemia patients. Journal of Biomedical Science, 2010, 17, 12.	7.0	27
15	Oligomerization Is Crucial for the Stability and Function of Heme Oxygenase-1 in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2009, 284, 22672-22679.	3.4	42
16	Hemin promotes proliferation and differentiation of endothelial progenitor cells via activation of AKT and ERK. Journal of Cellular Physiology, 2009, 219, 617-625.	4.1	32
17	Overexpression of HO-1 Protects against TNF-Î±-Mediated Airway Inflammation by Down-Regulation of TNFR1-Dependent Oxidative Stress. American Journal of Pathology, 2009, 175, 519-532.	3.8	159
18	Ubiquitinâ€“proteasome system mediates heme oxygenase-1 degradation through endoplasmic reticulum-associated degradation pathway. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1826-1834.	4.1	53

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19	Heme oxygenase-1 promotes neovascularization in ischemic heart by coinduction of VEGF and SDF-1. Journal of Molecular and Cellular Cardiology, 2008, 45, 44-55.	1.9	90
20	Serum Bilirubin and Ferritin Levels Link Heme Oxygenase-1 Gene Promoter Polymorphism and Susceptibility to Coronary Artery Disease in Diabetic Patients. Diabetes Care, 2008, 31, 1615-1620.	8.6	93
21	Systemic Expression of Heme Oxygenase-1 Ameliorates Type 1 Diabetes in NOD Mice. Diabetes, 2007, 56, 1240-1247.	0.6	68
22	Carbon Monoxide-Induced Early Thrombolysis Contributes to Heme Oxygenase-1-Mediated Inhibition of Neointimal Growth after Vascular Injury in Hypercholesterolemic Mice. Journal of Biomedical Science, 2006, 13, 721-730.	7.0	20
23	Effects of adenovirus-expressing IL-10 in alleviating airway inflammation in asthma. Journal of Gene Medicine, 2006, 8, 1393-1399.	2.8	36
24	Inhibition of Experimental Autoimmune Anterior Uveitis by Adenovirus-Mediated Transfer of the Interleukin-10 Gene. Journal of Ocular Pharmacology and Therapeutics, 2005, 21, 420-428.	1.4	20
25	Heme Oxygenase-1 Attenuates Interleukin-1β-Induced Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells. Journal of Biomedical Science, 2004, 11, 799-809.	7.0	3
26	Heme oxygenase-1 gene promotor microsatellite polymorphism is associated with angiographic restenosis after coronary stenting. European Heart Journal, 2004, 25, 39-47.	2.2	84
27	Heme Oxygenase-1 Inhibits Angiotensin II-Induced Cardiac Hypertrophy In Vitro and In Vivo. Circulation, 2004, 110, 309-316.	1.6	132
28	Heme oxygenase-1 attenuates interleukin-1Î²-induced nitric oxide synthase expression in vascular smooth muscle cells. Journal of Biomedical Science, 2004, 11, 799-809.	7.0	21
29	Adenoviral transfer of the heme oxygenase-1 gene protects striatal astrocytes from heme-mediated oxidative injury. Neurobiology of Disease, 2004, 17, 179-187.	4.4	26
30	Dietary iron restriction increases plaque stability in apolipoprotein-E-deficient mice. Journal of Biomedical Science, 2003, 10, 510-517.	7.0	29
31	Induction of Heme Oxygenase-1 Expression in Murine Macrophages Is Essential for the Anti-inflammatory Effect of Low Dose 15-Deoxy-Î”12,14-prostaglandin J2. Journal of Biological Chemistry, 2003, 278, 19325-19330.	3.4	194
32	Microsatellite polymorphism in promoter of heme oxygenase-1 gene is associated with susceptibility to coronary artery disease in typeÂ2 diabetic patients. Human Genetics, 2002, 111, 1-8.	3.8	293
33	Heme oxygenase-1 mediates the anti-inflammatory effect of interleukin-10 in mice. Nature Medicine, 2002, 8, 240-246.	30.7	956
34	Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2001, 104, 1519-1525.	1.6	315
35	Fas/Fas ligand-mediated death pathway is involved in oxLDL-induced apoptosis in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2001, 280, C709-C718.	4.6	80
36	The Role of Interleukin 12 in the Development of Atherosclerosis in ApoE-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 734-742.	2.4	284

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37	Post-transcriptional Regulation of H-ferritin mRNA. Journal of Biological Chemistry, 1999, 274, 30209-30214.	3.4	15
38	Iron-Deficient Diet Reduces Atherosclerotic Lesions in ApoE-Deficient Mice. Circulation, 1999, 99, 1222-1229.	1.6	165
39	Copper-induced apoptosis and immediate early gene expression in macrophages. Atherosclerosis, 1999, 146, 45-52.	0.8	20
40	S65 Role of interleukin-12 in development of atherosclerosis in apoe-deficient mice. Atherosclerosis, 1998, 136, S39.	0.8	1
41	Colocalization of iron and ceroid in human atherosclerotic lesions. Atherosclerosis, 1998, 138, 281-288.	0.8	82
42	Analysis of the T cell receptor VÎ² repertoire in human aortic aneurysms. Atherosclerosis, 1997, 135, 29-36.	0.8	17
43	1.P.98 Low iron diet reduces development of atherosclerosis in apoE-deficient mice. Atherosclerosis, 1997, 134, 37.	0.8	0
44	Post-transcriptional regulation of H-ferritin gene expression in human monocytic THP-1 cells by protein kinase C. Biochemical Journal, 1996, 319, 185-189.	3.7	10
45	Functional Characterization of the Promoter Region of the Platelet-activating Factor Receptor Gene.. Journal of Biological Chemistry, 1995, 270, 14123-14129.	3.4	21
46	Possible Existence of Two Subsets of Platelet-Activating Factor Receptor to Mediate Polyphosphoinositide Breakdown and Calcium Influx in Neuroblastoma ï¿½ Glioma Hybrid NG 108?15 Cells. Journal of Neurochemistry, 1992, 59, 1090-1098.	3.9	11
47	Leukotriene C4-induced phosphoinositide hydrolysis in rat basophilic leukemia cell. Life Sciences, 1991, 49, 455-463.	4.3	2
48	Characterization of a monoclonal antibody which is an activator of rabbit platelets. Biochimica Et Biophysica Acta - General Subjects, 1991, 1074, 118-124.	2.4	1
49	Protein kinase C is not involved in the desensitization of platelet activating factor receptor in rabbit platelets. Lipids, 1991, 26, 1076-1079.	1.7	2
50	Photoaffinity labeling of platelet activating factor binding sites in rabbit platelet membranes. Biochemical and Biophysical Research Communications, 1989, 161, 1070-1076.	2.1	17
51	Monoglyceride and diglyceride lipases from human platelet microsomes. Lipids and Lipid Metabolism, 1988, 963, 436-444.	2.6	21
52	Characterization of3H-labelled platelet activating factor receptor complex solubilized from rabbit platelet membranes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 970, 103-112.	4.1	13
53	A Practical Formal Synthesis of a Physiologically Active Analogue of Platelet Activating Factor. Journal of the Chinese Chemical Society, 1988, 35, 429-435.	1.4	2
54	Diglyceride/monoglyceride lipases pathway is not essential for arachidonate release in thrombin-activated human platelets. Biochemical and Biophysical Research Communications, 1983, 113, 241-247.	2.1	47

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55	Release of arachidonate from diglyceride in human platelets requires the sequential action of a diglyceride lipase and a monoglyceride lipase. Biochemical and Biophysical Research Communications, 1981, 100, 1688-1695.	2.1	97