

Stanley M H Chan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,572
citations

361045

20
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

4581
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-derived neurotrophic factor is produced by skeletal muscle cells in response to contraction and enhances fat oxidation via activation of AMP-activated protein kinase. <i>Diabetologia</i> , 2009, 52, 1409-1418.	2.9	535
2	HSP72 protects against obesity-induced insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1739-1744.	3.3	477
3	Interleukin-6-deficient mice develop hepatic inflammation and systemic insulin resistance. <i>Diabetologia</i> , 2010, 53, 2431-2441.	2.9	283
4	Skeletal myocytes are a source of interleukin-6 mRNA expression and protein release during contraction: evidence of fiber type specificity. <i>FASEB Journal</i> , 2004, 18, 992-994.	0.2	227
5	Activation of PPAR α Ameliorates Hepatic Insulin Resistance and Steatosis in High Fructose-Fed Mice Despite Increased Endoplasmic Reticulum Stress. <i>Diabetes</i> , 2013, 62, 2095-2105.	0.3	125
6	Altering dietary nutrient intake that reduces glycogen content leads to phosphorylation of nuclear p38 MAP kinase in human skeletal muscle: association with IL-6 gene transcription during contraction. <i>FASEB Journal</i> , 2004, 18, 1785-1787.	0.2	100
7	Differing Endoplasmic Reticulum Stress Response to Excess Lipogenesis versus Lipid Oversupply in Relation to Hepatic Steatosis and Insulin Resistance. <i>PLoS ONE</i> , 2012, 7, e30816.	1.1	88
8	Contraction-induced Interleukin-6 Gene Transcription in Skeletal Muscle Is Regulated by c-Jun Terminal Kinase/Activator Protein-1. <i>Journal of Biological Chemistry</i> , 2012, 287, 10771-10779.	1.6	87
9	Reduced glycogen availability is associated with increased AMPK α 2 activity, nuclear AMPK α 2 protein abundance, and GLUT4 mRNA expression in contracting human skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 302-312.	0.9	83
10	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. , 2019, 198, 160-188.		81
11	β -adrenergic stimulation of skeletal muscle HSL can be overridden by AMPK signaling. <i>FASEB Journal</i> , 2004, 18, 1445-1446.	0.2	68
12	Cigarette Smoking Exacerbates Skeletal Muscle Injury without Compromising Its Regenerative Capacity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 217-230.	1.4	45
13	System-L amino acid transporters play a key role in pancreatic β -cell signalling and function. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 175-187.	1.1	42
14	Screening for the efficacy on lipid accumulation in 3T3-L1 cells is an effective tool for the identification of new anti-diabetic compounds. <i>Biochemical Pharmacology</i> , 2012, 84, 830-837.	2.0	41
15	Increasing leucine concentration stimulates mechanistic target of rapamycin signaling and cell growth in C2C12 skeletal muscle cells. <i>Nutrition Research</i> , 2014, 34, 1000-1007.	1.3	34
16	Endoplasmic reticulum stress up-regulates Nedd4 β to induce autophagy. <i>FASEB Journal</i> , 2016, 30, 2549-2556.	0.2	30
17	Angiotensin II Causes β -Cell Dysfunction Through an ER Stress-Induced Proinflammatory Response. <i>Endocrinology</i> , 2017, 158, 3162-3173.	1.4	25
18	Neonatal overfeeding attenuates acute central pro-inflammatory effects of short-term high fat diet. <i>Frontiers in Neuroscience</i> , 2015, 8, 446.	1.4	24

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19	IRE1 impairs insulin signaling transduction of fructose-fed mice via JNK independent of excess lipid. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 156-165.	1.8	23
20	The inositol-requiring enzyme 1 (IRE1 \pm) RNAse inhibitor, 4 μ 8C, is also a potent cellular antioxidant. <i>Biochemical Journal</i> , 2018, 475, 923-929.	1.7	23
21	Strategies for the Discovery and Development of Anti-Diabetic Drugs from the Natural Products of Traditional Medicines. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 207.	0.9	22
22	Fenofibrate insulates diacylglycerol in lipid droplet/ER and preserves insulin signaling transduction in the liver of high fat fed mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1511-1519.	1.8	21
23	The role of de novo protein synthesis and SIRT1 in ER stress-induced Atf4 and Chop mRNA expression in mammalian cells. <i>Biochimie</i> , 2017, 138, 156-167.	1.3	21
24	3 α ,4 α -dihydroxyflavonol ameliorates endoplasmic reticulum stress-induced apoptosis and endothelial dysfunction in mice. <i>Scientific Reports</i> , 2018, 8, 1818.	1.6	20
25	Ebselen reduces cigarette smoke α -induced endothelial dysfunction in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 1805-1818.	2.7	11
26	Apocynin prevents cigarette smoking α -induced loss of skeletal muscle mass and function in mice by preserving proteostatic signalling. <i>British Journal of Pharmacology</i> , 2021, 178, 3049-3066.	2.7	9
27	Cigarette Smoke Exposure Induces Neurocognitive Impairments and Neuropathological Changes in the Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	9
28	Ebselen prevents cigarette smoke-induced cognitive dysfunction in mice by preserving hippocampal synaptophysin expression. <i>Journal of Neuroinflammation</i> , 2022, 19, 72.	3.1	6
29	Cigarette smoking blocks the benefit from reduced weight gain for insulin action by shifting lipids deposition to muscle. <i>Clinical Science</i> , 2020, 134, 1659-1673.	1.8	4
30	Ebselen abolishes vascular dysfunction in influenza A virus-induced exacerbations of cigarette smoke-induced lung inflammation in mice. <i>Clinical Science</i> , 2022, 136, 537-555.	1.8	4
31	Ebselen prevents cigarette smoke-induced gastrointestinal dysfunction in mice. <i>Clinical Science</i> , 2020, 134, 2943-2957.	1.8	3
32	Influenza A Virus-Driven Airway Inflammation may be Dissociated From Limb Muscle Atrophy in Cigarette Smoke-Exposed Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 859146.	1.6	1