

Zhongbing Lu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3696737/zhongbing-lu-publications-by-year.pdf>

Version: 2024-04-23

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.

55
papers

2,220
citations

26
h-index

46
g-index

57
ext. papers

2,662
ext. citations

7.3
avg, IF

4.46
L-index

#	Paper	IF	Citations
55	Advances in the Toxicological Studies of Atmospheric Particulate Matter 2022 , 227-253		
54	DDAH1 Protects against Acetaminophen-Induced Liver Hepatotoxicity in Mice. <i>Antioxidants</i> , 2022 , 11, 880	7.1	1
53	Vanadium(IV)-Chlorodipicolinate Protects against Hepatic Steatosis by Ameliorating Lipid Peroxidation, Endoplasmic Reticulum Stress, and Inflammation. <i>Antioxidants</i> , 2022 , 11, 1093	7.1	
52	Exploring breath biomarkers in BLM-induced pulmonary fibrosis mice with associative ionization time-of-flight mass spectrometry. <i>Talanta</i> , 2021 , 239, 123120	6.2	1
51	Inhibition of GCN2 alleviates hepatic steatosis and oxidative stress in obese mice: Involvement of NRF2 regulation.. <i>Redox Biology</i> , 2021 , 49, 102224	11.3	2
50	Tempol ameliorates polycystic ovary syndrome through attenuating intestinal oxidative stress and modulating of gut microbiota composition-serum metabolites interaction. <i>Redox Biology</i> , 2021 , 41, 101886	11.3	7
49	Adipose-derived stem cells therapy effectively attenuates PM-induced lung injury. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 355	8.3	3
48	Urban airborne PM-activated microglia mediate neurotoxicity through glutaminase-containing extracellular vesicles in olfactory bulb. <i>Environmental Pollution</i> , 2020 , 264, 114716	9.3	12
47	Kidney failure, arterial hypertension and left ventricular hypertrophy in rats with loss of function mutation of SOD3. <i>Free Radical Biology and Medicine</i> , 2020 , 152, 787-796	7.8	9
46	Metformin protects against PM-induced lung injury and cardiac dysfunction independent of AMP-activated protein kinase α . <i>Redox Biology</i> , 2020 , 28, 101345	11.3	32
45	The amino acid sensor general control nonderepressible 2 (GCN2) controls T9 cells and allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1091-1105	11.5	3
44	Indirect effect of PM on endothelial cells via inducing the release of respiratory inflammatory cytokines. <i>Toxicology in Vitro</i> , 2019 , 57, 203-210	3.6	14
43	Short term Pm2.5 exposure caused a robust lung inflammation, vascular remodeling, and exacerbated transition from left ventricular failure to right ventricular hypertrophy. <i>Redox Biology</i> , 2019 , 22, 101161	11.3	66
42	The effect of exposure time and concentration of airborne PM on lung injury in mice: A transcriptome analysis. <i>Redox Biology</i> , 2019 , 26, 101264	11.3	24
41	GCN2 deficiency ameliorates cardiac dysfunction in diabetic mice by reducing lipotoxicity and oxidative stress. <i>Free Radical Biology and Medicine</i> , 2019 , 130, 128-139	7.8	18
40	YAP promotes breast cancer metastasis by repressing growth differentiation factor-15. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 1744-1753	6.9	35
39	GCN2 deficiency ameliorates doxorubicin-induced cardiotoxicity by decreasing cardiomyocyte apoptosis and myocardial oxidative stress. <i>Redox Biology</i> , 2018 , 17, 25-34	11.3	39

38	GCN2 deficiency protects mice from denervation-induced skeletal muscle atrophy via inhibiting FoxO3a nuclear translocation. <i>Protein and Cell</i> , 2018 , 9, 966-970	7.2	6
37	GCN2 deficiency protects against high fat diet induced hepatic steatosis and insulin resistance in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 3257-3267	6.9	13
36	AMPK α deficiency exacerbates long-term PM exposure-induced lung injury and cardiac dysfunction. <i>Free Radical Biology and Medicine</i> , 2018 , 121, 202-214	7.8	47
35	TMT-Based Quantitative Proteomics Analysis Reveals Airborne PM-Induced Pulmonary Fibrosis. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 16,	4.6	20
34	Nrf2 deficiency exacerbates PM-induced olfactory bulb injury. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 1154-1160	3.4	15
33	Dimethylarginine Dimethylaminohydrolase 1 Deficiency Induces the Epithelial to Mesenchymal Transition in Renal Proximal Tubular Epithelial Cells and Exacerbates Kidney Damage in Aged and Diabetic Mice. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 1347-1360	8.4	13
32	Cardiomyocyte dimethylarginine dimethylaminohydrolase-1 (DDAH1) plays an important role in attenuating ventricular hypertrophy and dysfunction. <i>Basic Research in Cardiology</i> , 2017 , 112, 55	11.8	21
31	Dimethylarginine Dimethylaminohydrolase 1 Protects Against High-Fat Diet-Induced Hepatic Steatosis and Insulin Resistance in Mice. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 598-609	8.4	24
30	Airborne PM-Induced Hepatic Insulin Resistance by Nrf2/JNK-Mediated Signaling Pathway. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	27
29	DDAH1 deficiency promotes intracellular oxidative stress and cell apoptosis via a miR-21-dependent pathway in mouse embryonic fibroblasts. <i>Free Radical Biology and Medicine</i> , 2016 , 92, 50-60	7.8	22
28	DDAH1 plays dual roles in PM2.5 induced cell death in A549 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 2793-801	4	21
27	AMP-activated kinase α deficiency protects mice from denervation-induced skeletal muscle atrophy. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 600, 56-60	4.1	22
26	S-nitrosylation of PDE5 increases its ubiquitin-proteasomal degradation. <i>Free Radical Biology and Medicine</i> , 2015 , 86, 343-51	7.8	14
25	The protein arginine methyltransferase PRMT5 regulates A β -induced toxicity in human cells and <i>Caenorhabditis elegans</i> models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015 , 134, 969-77	6	14
24	hCLP46 increases Smad3 protein stability via inhibiting its ubiquitin-proteasomal degradation. <i>Protein and Cell</i> , 2015 , 6, 767-70	7.2	4
23	Asymmetric dimethylarginine exacerbates A β -induced toxicity and oxidative stress in human cell and <i>Caenorhabditis elegans</i> models of Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2015 , 79, 117-26	7.8	32
22	Endoplasmic reticulum stress sensor protein kinase R-like endoplasmic reticulum kinase (PERK) protects against pressure overload-induced heart failure and lung remodeling. <i>Hypertension</i> , 2014 , 64, 738-44	8.5	62
21	Metformin protects against systolic overload-induced heart failure independent of AMP-activated protein kinase α . <i>Hypertension</i> , 2014 , 63, 723-8	8.5	50

20	Loss of the eukaryotic initiation factor 2 kinase general control nonderepressible 2 protects mice from pressure overload-induced congestive heart failure without affecting ventricular hypertrophy. <i>Hypertension</i> , 2014 , 63, 128-35	8.5	30
19	Neuroprotective effects of aqueous extracts of <i>Uncaria tomentosa</i> : Insights from 6-OHDA induced cell damage and transgenic <i>Caenorhabditis elegans</i> model. <i>Neurochemistry International</i> , 2013 , 62, 940-7-4	7.4	19
18	AMPK attenuates microtubule proliferation in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H749-58	5.2	34
17	Left ventricular failure produces profound lung remodeling and pulmonary hypertension in mice: heart failure causes severe lung disease. <i>Hypertension</i> , 2012 , 59, 1170-8	8.5	99
16	AMP activated protein kinase- α regulates expression of estrogen-related receptor- α metabolic transcription factor related to heart failure development. <i>Hypertension</i> , 2011 , 58, 696-703	8.5	61
15	Exacerbated pulmonary arterial hypertension and right ventricular hypertrophy in animals with loss of function of extracellular superoxide dismutase. <i>Hypertension</i> , 2011 , 58, 303-9	8.5	61
14	Dimethylarginine dimethylaminohydrolase-1 is the critical enzyme for degrading the cardiovascular risk factor asymmetrical dimethylarginine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1540-6	9.4	99
13	Adenosine kinase regulation of cardiomyocyte hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1722-32	5.2	16
12	Oxidative stress regulates left ventricular PDE5 expression in the failing heart. <i>Circulation</i> , 2010 , 121, 1474-83	16.7	127
11	PGC-1 alpha regulates expression of myocardial mitochondrial antioxidants and myocardial oxidative stress after chronic systolic overload. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 1011-22	8.4	162
10	Overexpression of mitochondrial ferritin sensitizes cells to oxidative stress via an iron-mediated mechanism. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 1791-803	8.4	25
9	Extracellular superoxide dismutase protects the heart against oxidative stress and hypertrophy after myocardial infarction. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1305-13	7.8	71
8	Xanthine oxidase inhibition with febuxostat attenuates systolic overload-induced left ventricular hypertrophy and dysfunction in mice. <i>Journal of Cardiac Failure</i> , 2008 , 14, 746-53	3.3	63
7	Adenosine A3 receptor deficiency exerts unanticipated protective effects on the pressure-overloaded left ventricle. <i>Circulation</i> , 2008 , 118, 1713-21	16.7	39
6	Ecto-5'Nucleotidase deficiency exacerbates pressure-overload-induced left ventricular hypertrophy and dysfunction. <i>Hypertension</i> , 2008 , 51, 1557-64	8.5	36
5	Extracellular superoxide dismutase deficiency exacerbates pressure overload-induced left ventricular hypertrophy and dysfunction. <i>Hypertension</i> , 2008 , 51, 19-25	8.5	85
4	beta-Carotene induces apoptosis and up-regulates peroxisome proliferator-activated receptor gamma expression and reactive oxygen species production in MCF-7 cancer cells. <i>European Journal of Cancer</i> , 2007 , 43, 2590-601	7.5	95
3	Mitochondrial reactive oxygen species and nitric oxide-mediated cancer cell apoptosis in 2-butylamino-2-demethoxyhypocrellin B photodynamic treatment. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1590-605	7.8	46

- | | | | |
|---|---|-----|-----|
| 2 | Structure-activity relationship analysis of antioxidant ability and neuroprotective effect of gallic acid derivatives. <i>Neurochemistry International</i> , 2006 , 48, 263-74 | 4-4 | 327 |
| 1 | Adsorption of Cu(II) from aqueous solutions by tannins immobilized on collagen. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 335-342 | 3-5 | 32 |