

Jolyn Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

788
citations

471509

17
h-index

580821

25
g-index

43
all docs

43
docs citations

43
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome&Metabolome Association Studies in Mouse Lungs Reveal Differences Between Sex and Strain in the Glutathione Antioxidant Pathway. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
2	Plasma high-resolution metabolomics identifies linoleic acid and linked metabolic pathways associated with bone mineral density. <i>Clinical Nutrition</i> , 2021, 40, 467-475.	5.0	17
3	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen. <i>Nature Metabolism</i> , 2021, 3, 1694-1705.	11.9	36
4	MTOR&initiated metabolic switch and degeneration in the retinal pigment epithelium. <i>FASEB Journal</i> , 2020, 34, 12502-12520.	0.5	27
5	Early Pregnancy Serum Metabolite Profiles Associated with Hypertensive Disorders of Pregnancy in African American Women: A Pilot Study. <i>Journal of Pregnancy</i> , 2020, 2020, 1-13.	2.4	8
6	Metabolites and metabolic pathways associated with glucocorticoid resistance in pregnant African-American women. <i>Comprehensive Psychoneuroendocrinology</i> , 2020, 1-2, 100001.	1.7	5
7	Plasma High-Resolution Metabolomics Identifies Linoleic Acid and Linked Metabolic Pathways Associated with Bone Mineral Density. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa049_006.	0.3	0
8	Reductive Stress Causes Pathological Cardiac Remodeling and Diastolic Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1293-1312.	5.4	27
9	Transcriptome Analysis Reveals Distinct Responses to Physiologic versus Toxic Manganese Exposure in Human Neuroblastoma Cells. <i>Frontiers in Genetics</i> , 2019, 10, 676.	2.3	21
10	Cadmium at Human Dietary Levels Disturbed Homeostasis of Nutritional Metals in Lung (P24-055-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P24-055-19.	0.3	0
11	Metabolomic Responses to Manganese Dose in SH-SY5Y Human Neuroblastoma Cells. <i>Toxicological Sciences</i> , 2019, 169, 84-94.	3.1	17
12	Environmental Cadmium Enhances Lung Injury by Respiratory Syncytial Virus Infection. <i>American Journal of Pathology</i> , 2019, 189, 1513-1525.	3.8	23
13	Low-dose cadmium potentiates lung inflammatory response to 2009 pandemic H1N1 influenza virus in mice. <i>Environment International</i> , 2019, 127, 720-729.	10.0	19
14	Characterization of Nutritional and Environmental Metals after Cadmium Exposure in Mice. <i>Free Radical Biology and Medicine</i> , 2019, 145, S51.	2.9	0
15	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. <i>Free Radical Biology and Medicine</i> , 2019, 131, 209-217.	2.9	47
16	Putrescine as indicator of manganese neurotoxicity: Dose-response study in human SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2018, 116, 272-280.	3.6	17
17	Selenium supplementation prevents metabolic and transcriptomic responses to cadmium in mouse lung. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2417-2426.	2.4	26
18	Mitochondrial network responses in oxidative physiology and disease. <i>Free Radical Biology and Medicine</i> , 2018, 116, 31-40.	2.9	39

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19	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. <i>Free Radical Biology and Medicine</i> , 2018, 128, S86.	2.9	1
20	Time-course metabolomic analysis of manganese toxicity reveals biomarkers of oxidative stress and amino acid metabolism as early cellular targets. <i>Free Radical Biology and Medicine</i> , 2018, 128, S83.	2.9	3
21	Selenium at the redox interface of the genome, metabolome and exposome. <i>Free Radical Biology and Medicine</i> , 2018, 127, 215-227.	2.9	38
22	Abstract 425: A Pro-reductive Redox State Protects the Myocardium From Isoproterenol-Induced Pathological Remodeling in Nrf2 Transgenic Mouse. <i>Circulation Research</i> , 2018, 123, .	4.5	0
23	Redox dynamics of manganese as a mitochondrial life-death switch. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 388-398.	2.1	115
24	Cadmium stimulates myofibroblast differentiation and mouse lung fibrosis. <i>Toxicology</i> , 2017, 383, 50-56.	4.2	45
25	Constitutive Activation of Nrf2 Causes Hyper-Reductive State and Heart Failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 150-151.	1.9	0
26	From the Cover: Manganese Stimulates Mitochondrial H ₂ O ₂ Production in SH-SY5Y Human Neuroblastoma Cells Over Physiologic as well as Toxicologic Range. <i>Toxicological Sciences</i> , 2017, 155, 213-223.	3.1	48
27	Manganese Stimulates Putrescine Accumulation and Influences Associated Polyamine, Methionine and Neurotransmitter Metabolism in Human SH-SY5Y Neuroblastoma Cells. <i>Free Radical Biology and Medicine</i> , 2017, 112, 163.	2.9	0
28	Metabolic pathways of lung inflammation revealed by high-resolution metabolomics (HRM) of H1N1 influenza virus infection in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R906-R916.	1.8	101
29	Integration of Multi-Omics Data Reveal Dynamic Oxidative Stress Responses to Manganese in Human SH-SY5Y Neuroblastoma Cells. <i>Free Radical Biology and Medicine</i> , 2016, 100, S160.	2.9	1
30	Combined Effect of Heat Shock and Chlorine Fails to Elicit Acquired Thermal Tolerance in <i>Labeo rohita</i> Spawns. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 537-542.	1.0	0
31	Manganese Inhibition and Activation of Mitochondrial Oxidative Processes in Neuronal Cells. <i>Free Radical Biology and Medicine</i> , 2015, 87, S15.	2.9	0
32	Lysine Acetylation Activates Mitochondrial Aconitase in the Heart. <i>Biochemistry</i> , 2015, 54, 4008-4018.	2.5	62
33	Redox regulation of insulin sensitivity due to enhanced fatty acid utilization in the mitochondria. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H634-H643.	3.2	44
34	Enhanced cardiac fatty acid utilization induced by high dietary fat: a potential regulatory role for mitochondrial aconitase. <i>BMC Proceedings</i> , 2012, 6, .	1.6	0
35	Antagonistic Pleiotropy in Mitochondria ROS Signaling Responses to Manganese. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0