

Quincy A Hathaway

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

678
citations

758635

12
h-index

887659

17
g-index

28
all docs

28
docs citations

28
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dysfunction in type 2 diabetes mellitus: an organ-based analysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E268-E285.	1.8	222
2	Exploring the mitochondrial microRNA import pathway through Polynucleotide Phosphorylase (PNPase). <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 110, 15-25.	0.9	60
3	Machine-learning to stratify diabetic patients using novel cardiac biomarkers and integrative genomics. <i>Cardiovascular Diabetology</i> , 2019, 18, 78.	2.7	55
4	Role of microRNA in metabolic shift during heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H33-H45.	1.5	52
5	Regulating microRNA expression: at the heart of diabetes mellitus and the mitochondrion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H293-H310.	1.5	48
6	Maternal-engineered nanomaterial exposure disrupts progeny cardiac function and bioenergetics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H446-H458.	1.5	47
7	Reactive oxygen species damage drives cardiac and mitochondrial dysfunction following acute nano-titanium dioxide inhalation exposure. <i>Nanotoxicology</i> , 2018, 12, 32-48.	1.6	41
8	ROS promote epigenetic remodeling and cardiac dysfunction in offspring following maternal engineered nanomaterial (ENM) exposure. <i>Particle and Fibre Toxicology</i> , 2019, 16, 24.	2.8	36
9	miRNA-378a as a key regulator of cardiovascular health following engineered nanomaterial inhalation exposure. <i>Nanotoxicology</i> , 2019, 13, 644-663.	1.6	21
10	Mitochondrial proteome disruption in the diabetic heart through targeted epigenetic regulation at the mitochondrial heat shock protein 70 (mtHsp70) nuclear locus. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 104-115.	0.9	20
11	A vital sign-based prediction algorithm for differentiating COVID-19 versus seasonal influenza in hospitalized patients. <i>Npj Digital Medicine</i> , 2021, 4, 95.	5.7	20
12	Cardiovascular adaptations to particle inhalation exposure: molecular mechanisms of the toxicology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H282-H305.	1.5	17
13	Pyruvium Pamoate Use in a B cell Acute Lymphoblastic Leukemia Model of the Bone Tumor Microenvironment. <i>Pharmaceutical Research</i> , 2020, 37, 43.	1.7	11
14	Manipulation of the miR-378a/mt-ATP6 regulatory axis rescues ATP synthase in the diabetic heart and offers a novel role for lncRNA Kcnq1ot1. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C482-C495.	2.1	10
15	Enhanced antioxidant capacity prevents epitranscriptomic and cardiac alterations in adult offspring gestationally-exposed to ENM. <i>Nanotoxicology</i> , 2021, 15, 812-831.	1.6	8
16	Transcriptomics of single dose and repeated carbon black and ozone inhalation co-exposure highlight progressive pulmonary mitochondrial dysfunction. <i>Particle and Fibre Toxicology</i> , 2021, 18, 44.	2.8	8
17	Contribution of HCN1 variant to sinus bradycardia: A case report. <i>Journal of Arrhythmia</i> , 2021, 37, 1337-1347.	0.5	2
18	Using Machine Learning to Predict the Development of Diabetes and Potential Biomarkers Linked to Cardiac Risk. <i>FASEB Journal</i> , 2019, 33, 515.16.	0.2	0

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19	microRNA Changes in Diabetic Cardiac Mitochondria: What are they doing there?. FASEB Journal, 2019, 33, 713.3.	0.2	0
20	Elevated ROS and Epigenetic Remodeling Disrupt Cardiac Function in Offspring Following Maternal Engineered Nanomaterial (ENM) Exposure. FASEB Journal, 2019, 33, 802.76.	0.2	0
21	Stress Strain Speckle Tracking Segmental Analysis Reveals Early Indications of Diastolic Dysfunction in a Type 2 Mouse Model of Diabetes Mellitus. FASEB Journal, 2019, 33, 828.14.	0.2	0
22	Genome-wide expression reveals potential biomarkers in breast cancer bone metastasis. Journal of Integrative Bioinformatics, 2022, .	1.0	0
23	Machine Learning to Identify Regional and Segmental Dysfunction during Type 2 Diabetes Mellitus Progression. FASEB Journal, 2022, 36, .	0.2	0
24	Targeting Diabetic Cardiomyopathy: LncRNA Kcnq1ot1 Rescues Mitochondrial ATP Synthase via Sponging of MiR-378a-5p. FASEB Journal, 2022, 36, .	0.2	0
25	LncRNAs imported into mitochondria possess distinct features stratified by machine learning that promote interaction with the mitochondrial import protein PNPase. FASEB Journal, 2022, 36, .	0.2	0