Sihem Boudina

List of Publications by Year
in descending order

35	4,970	279798	434195
papers	citations	23 h-index	31 g-index

38	38	38	6814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activating P2Y1 receptors improves function in arteries with repressed autophagy. Cardiovascular Research, 2023, 119, 252-267.	3.8	10
2	Chaperone-mediated autophagy protects cardiomyocytes against hypoxic-cell death. American Journal of Physiology - Cell Physiology, 2022, 323, C1555-C1575.	4.6	15
3	Lateâ€inâ€life treadmill training rejuvenates autophagy, protein aggregate clearance, and function in mouse hearts. Aging Cell, 2021, 20, e13467.	6.7	17
4	The Effects of Exercise on White and Brown Adipose Tissue Cellularity, Metabolic Activity and Remodeling. Frontiers in Physiology, 2021, 12, 772894.	2.8	10
5	Protein and Mitochondria Quality Control Mechanisms and Cardiac Aging. Cells, 2020, 9, 933.	4.1	31
6	T cellâ€“mediated regulation of the microbiota protects against obesity. Science, 2019, 365, .	12.6	236
7	Identification of a Paracrine Signaling Mechanism Linking CD34high Progenitors to the Regulation of Visceral Fat Expansion and Remodeling. Cell Reports, 2019, 29, 270-282.e5.	6.4	12
8	Mitochondrial PE potentiates respiratory enzymes to amplify skeletal muscle aerobic capacity. Science Advances, 2019, 5, eaax8352.	10.3	66
9	Unlocking the Secrets of Mitochondria in the Cardiovascular System. Circulation, 2019, 140, 1205-1216.	1.6	91
10	Suppression of Cardiac Autophagy by Hyperinsulinemia in Insulin Receptor-Deficient Hearts Is Mediated by Insulin-Like Growth Factor Receptor Signaling. Antioxidants and Redox Signaling, 2019, 31, 444-457.	5.4	8
11	Role of Mitochondria in Cardiovascular Comorbidities Associated with Obesity and Type 2 Diabetes. , 2019, , 263-286.		0
12	Anti-inflammatory microRNA-146a protects mice from diet-induced metabolic disease. PLoS Genetics, 2019, 15, e1007970.	3.5	48
13	Elevated arterial shear rate increases indexes of endothelial cell autophagy and nitric oxide synthase activation in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H106-H112.	3.2	36
14	Autophagy in Adipose Tissue Physiology and Pathophysiology. Antioxidants and Redox Signaling, 2019, 31, 487-501.	5.4	65
15	Neuromedin B receptor disruption impairs adipogenesis in mice and 3T3-L1 cells. Journal of Molecular Endocrinology, 2019, 63, 93-102.	2.5	25
16	Lateâ€inâ€Life Treadmillâ€Training Ameliorates the Decline in Cardiac Autophagy Associated with Aging in Mice. FASEB Journal, 2019, 33, 693.4.	0.5	0
17	Evidence for an Ageâ€Associated Impairment of Exerciseâ€induced Autophagy and eNOS Activation in Primary Arterial Endothelial Cells from Humans. FASEB Journal, 2019, 33, 696.2.	0.5	0
18	Histone methyltransferase Smyd1 regulates mitochondrial energetics in the heart. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7871-E7880.	7.1	70

#	Article	IF	Citations
19	Arterial dysfunction displayed by old mice with repressed endothelial cell autophagy is rescued by pharmacological activation of purinergic 2Y1 receptors. FASEB Journal, 2018, 32, 846.9.	0.5	0
20	Stress turns on the heat: Regulation of mitochondrial biogenesis and UCP1 by ROS in adipocytes. Adipocyte, 2017, 6, 56-61.	2.8	30
21	Activation of IGF-1 receptors and Akt signaling by systemic hyperinsulinemia contributes to cardiac hypertrophy but does not regulate cardiac autophagy in obese diabetic mice. Journal of Molecular and Cellular Cardiology, 2017, 113, 39-50.	1.9	32
22	Endothelial Cell Autophagy Maintains Shear Stressâ€"Induced Nitric Oxide Generation via Glycolysis-Dependent Purinergic Signaling to Endothelial Nitric Oxide Synthase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1646-1656.	2.4	75
23	Adipocyte-Specific Deletion of Manganese Superoxide Dismutase Protects From Diet-Induced Obesity Through Increased Mitochondrial Uncoupling and Biogenesis. Diabetes, 2016, 65, 2639-2651.	0.6	75
24	Combinatorial gene construct and non-viral delivery for anti-obesity in diet-induced obese mice. Journal of Controlled Release, 2015, 207, 154-162.	9.9	7
25	Mitochondrial function/dysfunction in white adipose tissue. Experimental Physiology, 2014, 99, 1168-1178.	2.0	112
26	Cardiac Aging and Insulin Resistance: Could Insulin/Insulin-Like Growth Factor (IGF) Signaling be used as a Therapeutic Target?. Current Pharmaceutical Design, 2013, 19, 5684-5694.	1.9	26
27	UCP3 Regulates Cardiac Efficiency and Mitochondrial Coupling in High Fat-Fed Mice but Not in Leptin-Deficient Mice. Diabetes, 2012, 61, 3260-3269.	0.6	46
28	Diabetic cardiomyopathy, causes and effects. Reviews in Endocrine and Metabolic Disorders, 2010, 11, 31-39.	5.7	587
29	Role of Endothelial Cells in Myocardial Ischemia-Reperfusion Injury. Vascular Disease Prevention, 2010, 7, 1-14.	0.2	92
30	Contribution of Impaired Myocardial Insulin Signaling to Mitochondrial Dysfunction and Oxidative Stress in the Heart. Circulation, 2009, 119, 1272-1283.	1.6	277
31	Mitochondrial Energetics in the Heart in Obesity-Related Diabetes. Diabetes, 2007, 56, 2457-2466.	0.6	524
32	Diabetic Cardiomyopathy Revisited. Circulation, 2007, 115, 3213-3223.	1.6	1,338
33	Mitochondrial Uncoupling: A Key Contributor to Reduced Cardiac Efficiency in Diabetes. Physiology, 2006, 21, 250-258.	3.1	153
34	Reduced Mitochondrial Oxidative Capacity and Increased Mitochondrial Uncoupling Impair Myocardial Energetics in Obesity. Circulation, 2005, 112, 2686-2695.	1.6	460
35	Impaired Cardiac Efficiency and Increased Fatty Acid Oxidation in Insulin-Resistant ob/ob Mouse Hearts. Diabetes, 2004, 53, 2366-2374.	0.6	395