

Sihem Boudina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4650988/publications.pdf>

Version: 2024-02-01

35
papers

4,970
citations

279798

23
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

6814
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic Cardiomyopathy Revisited. <i>Circulation</i> , 2007, 115, 3213-3223.	1.6	1,338
2	Diabetic cardiomyopathy, causes and effects. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010, 11, 31-39.	5.7	587
3	Mitochondrial Energetics in the Heart in Obesity-Related Diabetes. <i>Diabetes</i> , 2007, 56, 2457-2466.	0.6	524
4	Reduced Mitochondrial Oxidative Capacity and Increased Mitochondrial Uncoupling Impair Myocardial Energetics in Obesity. <i>Circulation</i> , 2005, 112, 2686-2695.	1.6	460
5	Impaired Cardiac Efficiency and Increased Fatty Acid Oxidation in Insulin-Resistant ob/ob Mouse Hearts. <i>Diabetes</i> , 2004, 53, 2366-2374.	0.6	395
6	Contribution of Impaired Myocardial Insulin Signaling to Mitochondrial Dysfunction and Oxidative Stress in the Heart. <i>Circulation</i> , 2009, 119, 1272-1283.	1.6	277
7	T cell-mediated regulation of the microbiota protects against obesity. <i>Science</i> , 2019, 365, .	12.6	236
8	Mitochondrial Uncoupling: A Key Contributor to Reduced Cardiac Efficiency in Diabetes. <i>Physiology</i> , 2006, 21, 250-258.	3.1	153
9	Mitochondrial function/dysfunction in white adipose tissue. <i>Experimental Physiology</i> , 2014, 99, 1168-1178.	2.0	112
10	Role of Endothelial Cells in Myocardial Ischemia-Reperfusion Injury. <i>Vascular Disease Prevention</i> , 2010, 7, 1-14.	0.2	92
11	Unlocking the Secrets of Mitochondria in the Cardiovascular System. <i>Circulation</i> , 2019, 140, 1205-1216.	1.6	91
12	Adipocyte-Specific Deletion of Manganese Superoxide Dismutase Protects From Diet-Induced Obesity Through Increased Mitochondrial Uncoupling and Biogenesis. <i>Diabetes</i> , 2016, 65, 2639-2651.	0.6	75
13	Endothelial Cell Autophagy Maintains Shear Stress-Induced Nitric Oxide Generation via Glycolysis-Dependent Purinergic Signaling to Endothelial Nitric Oxide Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1646-1656.	2.4	75
14	Histone methyltransferase Smdy1 regulates mitochondrial energetics in the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7871-E7880.	7.1	70
15	Mitochondrial PE potentiates respiratory enzymes to amplify skeletal muscle aerobic capacity. <i>Science Advances</i> , 2019, 5, eaax8352.	10.3	66
16	Autophagy in Adipose Tissue Physiology and Pathophysiology. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 487-501.	5.4	65
17	Anti-inflammatory microRNA-146a protects mice from diet-induced metabolic disease. <i>PLoS Genetics</i> , 2019, 15, e1007970.	3.5	48
18	UCP3 Regulates Cardiac Efficiency and Mitochondrial Coupling in High Fat-Fed Mice but Not in Leptin-Deficient Mice. <i>Diabetes</i> , 2012, 61, 3260-3269.	0.6	46

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19	Elevated arterial shear rate increases indexes of endothelial cell autophagy and nitric oxide synthase activation in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H106-H112.	3.2	36
20	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. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 113, 39-50.	1.9	32
21	Protein and Mitochondria Quality Control Mechanisms and Cardiac Aging. <i>Cells</i> , 2020, 9, 933.	4.1	31
22	Stress turns on the heat: Regulation of mitochondrial biogenesis and UCP1 by ROS in adipocytes. <i>Adipocyte</i> , 2017, 6, 56-61.	2.8	30
23	Cardiac Aging and Insulin Resistance: Could Insulin/Insulin-Like Growth Factor (IGF) Signaling be used as a Therapeutic Target?. <i>Current Pharmaceutical Design</i> , 2013, 19, 5684-5694.	1.9	26
24	Neuromedin B receptor disruption impairs adipogenesis in mice and 3T3-L1 cells. <i>Journal of Molecular Endocrinology</i> , 2019, 63, 93-102.	2.5	25
25	Late-life treadmill training rejuvenates autophagy, protein aggregate clearance, and function in mouse hearts. <i>Aging Cell</i> , 2021, 20, e13467.	6.7	17
26	Chaperone-mediated autophagy protects cardiomyocytes against hypoxic-cell death. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C1555-C1575.	4.6	15
27	Identification of a Paracrine Signaling Mechanism Linking CD34 ^{high} Progenitors to the Regulation of Visceral Fat Expansion and Remodeling. <i>Cell Reports</i> , 2019, 29, 270-282.e5.	6.4	12
28	The Effects of Exercise on White and Brown Adipose Tissue Cellularity, Metabolic Activity and Remodeling. <i>Frontiers in Physiology</i> , 2021, 12, 772894.	2.8	10
29	Activating P2Y1 receptors improves function in arteries with repressed autophagy. <i>Cardiovascular Research</i> , 2023, 119, 252-267.	3.8	10
30	Suppression of Cardiac Autophagy by Hyperinsulinemia in Insulin Receptor-Deficient Hearts Is Mediated by Insulin-Like Growth Factor Receptor Signaling. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 444-457.	5.4	8
31	Combinatorial gene construct and non-viral delivery for anti-obesity in diet-induced obese mice. <i>Journal of Controlled Release</i> , 2015, 207, 154-162.	9.9	7
32	Role of Mitochondria in Cardiovascular Comorbidities Associated with Obesity and Type 2 Diabetes. , 2019, , 263-286.		0
33	Arterial dysfunction displayed by old mice with repressed endothelial cell autophagy is rescued by pharmacological activation of purinergic 2Y1 receptors. <i>FASEB Journal</i> , 2018, 32, 846.9.	0.5	0
34	Late-life Treadmill Training Ameliorates the Decline in Cardiac Autophagy Associated with Aging in Mice. <i>FASEB Journal</i> , 2019, 33, 693.4.	0.5	0
35	Evidence for an Age-associated Impairment of Exercise-induced Autophagy and eNOS Activation in Primary Arterial Endothelial Cells from Humans. <i>FASEB Journal</i> , 2019, 33, 696.2.	0.5	0