

Romain Harmancey

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,798
citations

361296

20
h-index

345118

36
g-index

49
all docs

49
docs citations

49
times ranked

3850
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacologic inhibition of fatty acid oxidation sensitizes human leukemia cells to apoptosis induction. <i>Journal of Clinical Investigation</i> , 2010, 120, 142-156.	3.9	572
2	Mapping macrophage polarization over the myocardial infarction time continuum. <i>Basic Research in Cardiology</i> , 2018, 113, 26.	2.5	189
3	Oncometabolite α -keto-glutarate impairs α -ketoglutarate dehydrogenase and contractile function in rodent heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10436-10441.	3.3	105
4	Adaptation and Maladaptation of the Heart in Obesity. <i>Hypertension</i> , 2008, 52, 181-187.	1.3	92
5	Obesogenic high fat western diet induces oxidative stress and apoptosis in rat heart. <i>Molecular and Cellular Biochemistry</i> , 2010, 344, 221-230.	1.4	74
6	Lean heart: Role of leptin in cardiac hypertrophy and metabolism. <i>World Journal of Cardiology</i> , 2015, 7, 511.	0.5	71
7	ApoO, a Novel Apolipoprotein, Is an Original Glycoprotein Up-regulated by Diabetes in Human Heart. <i>Journal of Biological Chemistry</i> , 2006, 281, 36289-36302.	1.6	70
8	Uncoupling protein 3 deficiency impairs myocardial fatty acid oxidation and contractile recovery following ischemia/reperfusion. <i>Basic Research in Cardiology</i> , 2018, 113, 47.	2.5	60
9	Increased COUP-TFII expression in adult hearts induces mitochondrial dysfunction resulting in heart failure. <i>Nature Communications</i> , 2015, 6, 8245.	5.8	55
10	Decreased long-chain fatty acid oxidation impairs postischemic recovery of the insulin-resistant rat heart. <i>FASEB Journal</i> , 2013, 27, 3966-3978.	0.2	50
11	Apolipoprotein O is mitochondrial and promotes lipotoxicity in heart. <i>Journal of Clinical Investigation</i> , 2014, 124, 2277-2286.	3.9	47
12	Insulin resistance improves metabolic and contractile efficiency in stressed rat heart. <i>FASEB Journal</i> , 2012, 26, 3118-3126.	0.2	40
13	Nonischemic heart failure in diabetes mellitus. <i>Current Opinion in Cardiology</i> , 2008, 23, 241-248.	0.8	39
14	Western diet changes cardiac acyl-CoA composition in obese rats: a potential role for hepatic lipogenesis. <i>Journal of Lipid Research</i> , 2010, 51, 1380-1393.	2.0	36
15	The vasoactive peptide adrenomedullin is secreted by adipocytes and inhibits lipolysis through NO-mediated β -adrenergic agonist oxidation. <i>FASEB Journal</i> , 2005, 19, 1045-1047.	0.2	33
16	Adapting extracellular matrix proteomics for clinical studies on cardiac remodeling post-myocardial infarction. <i>Clinical Proteomics</i> , 2016, 13, 19.	1.1	31
17	Adrenomedullin Inhibits Adipogenesis Under Transcriptional Control of Insulin. <i>Diabetes</i> , 2007, 56, 553-563.	0.3	29
18	The complexities of diabetic cardiomyopathy: Lessons from patients and animal models. <i>Current Diabetes Reports</i> , 2008, 8, 243-248.	1.7	28

#	ARTICLE	IF	CITATIONS
19	Blood Signature of Pre-Heart Failure: A Microarrays Study. PLoS ONE, 2011, 6, e20414.	1.1	23
20	Kinetic analysis of cardiac transcriptome regulation during chronic high-fat diet in dogs. Physiological Genomics, 2004, 19, 32-40.	1.0	22
21	Chronic Hyperinsulinemia Causes Selective Insulin Resistance and Down-regulates Uncoupling Protein 3 (UCP3) through the Activation of Sterol Regulatory Element-binding Protein (SREBP)-1 Transcription Factor in the Mouse Heart. Journal of Biological Chemistry, 2015, 290, 30947-30961.	1.6	22
22	Uncomplicated human obesity is associated with a specific cardiac transcriptome: involvement of the Wnt pathway. FASEB Journal, 2004, 18, 1539-1540.	0.2	17
23	Cardiac STAT3 Deficiency Impairs Contractility and Metabolic Homeostasis in Hypertension. Frontiers in Pharmacology, 2016, 7, 436.	1.6	17
24	Metabolic regulation of collagen gel contraction by porcine aortic valvular interstitial cells. Journal of the Royal Society Interface, 2014, 11, 20140852.	1.5	14
25	Restoration of Cardiac Function After Myocardial Infarction by Long-Term Activation of the CNS Leptin-Melanocortin System. JACC Basic To Translational Science, 2021, 6, 55-70.	1.9	11
26	Nuclear receptor subfamily 4 group A member 2 inhibits activation of ERK signaling and cell growth in response to β^2 -adrenergic stimulation in adult rat cardiomyocytes. American Journal of Physiology - Cell Physiology, 2019, 317, C513-C524.	2.1	9
27	Methods for the Determination of Rates of Glucose and Fatty Acid Oxidation in the Isolated Working Rat Heart. Journal of Visualized Experiments, 2016, , .	0.2	7
28	Glucose regulates the intrinsic inflammatory response of the heart to surgically induced hypothermic ischemic arrest and reperfusion. Physiological Genomics, 2017, 49, 37-52.	1.0	7
29	Loss of Uncoupling Protein 3 Attenuates Western Diet-Induced Obesity, Systemic Inflammation, and Insulin Resistance in Rats. Obesity, 2020, 28, 1687-1697.	1.5	5
30	Fat Around the Heart. JACC: Cardiovascular Imaging, 2010, 3, 786-787.	2.3	3
31	Dietary Fat and Sugar Differentially Affect β^2 -Adrenergic Stimulation of Cardiac ERK and AKT Pathways in C57BL/6 Male Mice Subjected to High-Calorie Feeding. Journal of Nutrition, 2020, 150, 1041-1050.	1.3	3
32	Crosstalk between β^2 -adrenergic and insulin signaling mediates mechanistic target of rapamycin hyperactivation in liver of high-fat diet-fed male mice. Physiological Reports, 2021, 9, e14958.	0.7	3
33	UCP3 (Uncoupling Protein 3) Insufficiency Exacerbates Left Ventricular Diastolic Dysfunction During Angiotensin II-Induced Hypertension. Journal of the American Heart Association, 2021, 10, e022556.	1.6	3
34	Prolonged cardiac NR4A2 activation causes dilated cardiomyopathy in mice. Basic Research in Cardiology, 2022, 117, .	2.5	1
35	Targeting Anaplerotic Pathways That Support Fatty Acid Metabolism as a Therapeutic Strategy for Hematological Malignancies: The Achilles' Heel of the Warburg Effect.. Blood, 2008, 112, 1631-1631.	0.6	0
36	Pharmacological Inhibition of Fatty Acid Oxidation as a Novel Therapeutic Concept for Acute Myeloid Leukemia.. Blood, 2009, 114, 3779-3779.	0.6	0

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37	Western diet: Too much fuel for the heart. <i>Biochemist</i> , 2010, 32, 25-27.	0.2	0
38	Chronic hyperinsulinemia sensitizes myocytes to hyperglycemia-induced cell death. <i>FASEB Journal</i> , 2012, 26, 869.24.	0.2	0
39	Decreased fatty acid oxidation impairs contractile recovery of the insulin resistant heart post-ischemia. <i>FASEB Journal</i> , 2013, 27, 1191.3.	0.2	0
40	The Nuclear Receptor NR4A2 Coordinates Transcriptional Remodeling of Metabolic, Calcium, and Growth Signaling Networks in Adult Rat Ventricular Myocytes. <i>FASEB Journal</i> , 2018, 32, 848.7.	0.2	0
41	Lack of Uncoupling Protein 3 Protects from High-Fat Diet-Induced Insulin Resistance and Glucose Intolerance in Rats. <i>FASEB Journal</i> , 2018, 32, 879.3.	0.2	0
42	Uncoupling Protein 3 Deficiency Impairs Contractile Recovery in a Rat Model of Myocardial Infarction and Reperfusion. <i>FASEB Journal</i> , 2019, 33, 830.7.	0.2	0
43	Chronic Intracerebroventricular Leptin Infusion Attenuates Cardiac Dysfunction After Myocardial Infarction. <i>FASEB Journal</i> , 2019, 33, 830.6.	0.2	0
44	Uncoupling Protein 3 Deficiency Prevents Whitening of Brown Fat and Preserves Insulin Sensitivity in High-Fat Fed Rats. <i>FASEB Journal</i> , 2019, 33, 752.4.	0.2	0
45	Differential Regulation of Cardiac Substrate Utilization in Response to Chronic Central Nervous System Administration of Leptin and Melanotan II in Rats with Myocardial Infarction. <i>FASEB Journal</i> , 2019, 33, 532.10.	0.2	0
46	MicroRNA-21 Ablation Attenuates Acetaminophen-Induced Hepatotoxicity in Male Mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
47	Lack of Uncoupling Protein 3 Protects from High-Fat Diet-Induced Obesity, Systemic Inflammation and Insulin Resistance in Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0