

Romain Harmancey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,371
citations

19
h-index

37
g-index

49
ext. papers

1,587
ext. citations

4.6
avg, IF

4.22
L-index

#	Paper	IF	Citations
46	Pharmacologic inhibition of fatty acid oxidation sensitizes human leukemia cells to apoptosis induction. <i>Journal of Clinical Investigation</i> , 2010 , 120, 142-56	15.9	457
45	Mapping macrophage polarization over the myocardial infarction time continuum. <i>Basic Research in Cardiology</i> , 2018 , 113, 26	11.8	120
44	Adaptation and maladaptation of the heart in obesity. <i>Hypertension</i> , 2008 , 52, 181-7	8.5	77
43	Oncometabolite d-2-hydroxyglutarate 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, 10436-41	11.5	69
42	Obesogenic high fat western diet induces oxidative stress and apoptosis in rat heart. <i>Molecular and Cellular Biochemistry</i> , 2010 , 344, 221-30	4.2	57
41	Lean heart: Role of leptin in cardiac hypertrophy and metabolism. <i>World Journal of Cardiology</i> , 2015 , 7, 511-24	2.1	54
40	ApoO, a novel apolipoprotein, is an original glycoprotein up-regulated by diabetes in human heart. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36289-302	5.4	52
39	Uncoupling protein 3 deficiency impairs myocardial fatty acid oxidation and contractile recovery following ischemia/reperfusion. <i>Basic Research in Cardiology</i> , 2018 , 113, 47	11.8	45
38	Decreased long-chain fatty acid oxidation impairs postischemic recovery of the insulin-resistant rat heart. <i>FASEB Journal</i> , 2013 , 27, 3966-78	0.9	41
37	Increased COUP-TFII expression in adult hearts induces mitochondrial dysfunction resulting in heart failure. <i>Nature Communications</i> , 2015 , 6, 8245	17.4	40
36	Apolipoprotein O is mitochondrial and promotes lipotoxicity in heart. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2277-86	15.9	34
35	Western diet changes cardiac acyl-CoA composition in obese rats: a potential role for hepatic lipogenesis. <i>Journal of Lipid Research</i> , 2010 , 51, 1380-93	6.3	33
34	Insulin resistance improves metabolic and contractile efficiency in stressed rat heart. <i>FASEB Journal</i> , 2012 , 26, 3118-26	0.9	32
33	Nonischemic heart failure in diabetes mellitus. <i>Current Opinion in Cardiology</i> , 2008 , 23, 241-8	2.1	30
32	The vasoactive peptide adrenomedullin is secreted by adipocytes and inhibits lipolysis through NO-mediated beta-adrenergic agonist oxidation. <i>FASEB Journal</i> , 2005 , 19, 1045-7	0.9	29
31	Adapting extracellular matrix proteomics for clinical studies on cardiac remodeling post-myocardial infarction. <i>Clinical Proteomics</i> , 2016 , 13, 19	5	25
30	The complexities of diabetic cardiomyopathy: lessons from patients and animal models. <i>Current Diabetes Reports</i> , 2008 , 8, 243-8	5.6	25

29	Adrenomedullin inhibits adipogenesis under transcriptional control of insulin. <i>Diabetes</i> , 2007 , 56, 553-630.9	22
28	Kinetic analysis of cardiac transcriptome regulation during chronic high-fat diet in dogs. <i>Physiological Genomics</i> , 2004 , 19, 32-40	3.6 19
27	Blood signature of pre-heart failure: a microarrays study. <i>PLoS ONE</i> , 2011 , 6, e20414	3.7 18
26	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. <i>Journal of Biological Chemistry</i> , 2015 , 290, 30947-61	5.4 15
25	Uncomplicated human obesity is associated with a specific cardiac transcriptome: involvement of the Wnt pathway. <i>FASEB Journal</i> , 2004 , 18, 1539-40	0.9 14
24	Metabolic regulation of collagen gel contraction by porcine aortic valvular interstitial cells. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20140852	4.1 12
23	Cardiac STAT3 Deficiency Impairs Contractility and Metabolic Homeostasis in Hypertension. <i>Frontiers in Pharmacology</i> , 2016 , 7, 436	5.6 11
22	Glucose regulates the intrinsic inflammatory response of the heart to surgically induced hypothermic ischemic arrest and reperfusion. <i>Physiological Genomics</i> , 2017 , 49, 37-52	3.6 6
21	Nuclear receptor subfamily 4 group A member 2 inhibits activation of ERK signaling and cell growth in response to β adrenergic stimulation in adult rat cardiomyocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C513-C524	5.4 6
20	Restoration of Cardiac Function After Myocardial Infarction by Long-Term Activation of the CNS Leptin-Melanocortin System. <i>JACC Basic To Translational Science</i> , 2021 , 6, 55-70	8.7 6
19	Methods for the Determination of Rates of Glucose and Fatty Acid Oxidation in the Isolated Working Rat Heart. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6 4
18	Fat around the heart. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 786-7; author reply 787	8.4 3
17	Loss of Uncoupling Protein 3 Attenuates Western Diet-Induced Obesity, Systemic Inflammation, and Insulin Resistance in Rats. <i>Obesity</i> , 2020 , 28, 1687-1697	8 3
16	Dietary Fat and Sugar Differentially Affect β Adrenergic Stimulation of Cardiac ERK and AKT Pathways in C57BL/6 Male Mice Subjected to High-Calorie Feeding. <i>Journal of Nutrition</i> , 2020 , 150, 1041-1050	4.1 2
15	Crosstalk between beta-adrenergic and insulin signaling mediates mechanistic target of rapamycin hyperactivation in liver of high-fat diet-fed male mice. <i>Physiological Reports</i> , 2021 , 9, e14958	2.6 1
14	UCP3 (Uncoupling Protein 3) Insufficiency Exacerbates Left Ventricular Diastolic Dysfunction During Angiotensin II-Induced Hypertension. <i>Journal of the American Heart Association</i> , 2021 , 10, e022556	6 1
13	MicroRNA-21 Ablation Attenuates Acetaminophen-Induced Hepatoxtoxicity in Male Mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
12	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	0.9

- 11 The Nuclear Receptor NR4A2 Coordinates Transcriptional Remodeling of Metabolic, Calcium, and Growth Signaling Networks in Adult Rat Ventricular Myocytes. *FASEB Journal*, **2018**, 32, 848.7 0.9
- 10 Lack of Uncoupling Protein 3 Protects from High-Fat Diet-Induced Insulin Resistance and Glucose Intolerance in Rats. *FASEB Journal*, **2018**, 32, 879.3 0.9
- 9 Uncoupling Protein 3 Deficiency Impairs Contractile Recovery in a Rat Model of Myocardial Infarction and Reperfusion. *FASEB Journal*, **2019**, 33, 830.7 0.9
- 8 Chronic Intracerebroventricular Leptin Infusion Attenuates Cardiac Dysfunction After Myocardial Infarction. *FASEB Journal*, **2019**, 33, 830.6 0.9
- 7 Uncoupling Protein 3 Deficiency Prevents Whitening of Brown Fat and Preserves Insulin Sensitivity in High-Fat Fed Rats. *FASEB Journal*, **2019**, 33, 752.4 0.9
- 6 Differential Regulation of Cardiac Substrate Utilization in Response to Chronic Central Nervous System Administration of Leptin and Melanotan II in Rats with Myocardial Infarction. *FASEB Journal*, **2019**, 33, 532.10 0.9
- 5 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 2.2
- 4 Pharmacological Inhibition of Fatty Acid Oxidation as a Novel Therapeutic Concept for Acute Myeloid Leukemia.. *Blood*, **2009**, 114, 3779-3779 2.2
- 3 Western diet: Too much fuel for the heart. *Biochemist*, **2010**, 32, 25-27 0.5
- 2 Chronic hyperinsulinemia sensitizes myocytes to hyperglycemia-induced cell death. *FASEB Journal*, **2012**, 26, 869.24 0.9
- 1 Decreased fatty acid oxidation impairs contractile recovery of the insulin resistant heart post-ischemia. *FASEB Journal*, **2013**, 27, 1191.3 0.9