

# JosÃ© E Galgani

## List of Publications by Year in descending order

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32  
papers

1,217  
citations

516710

16  
h-index

434195

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g-index

32  
all docs

32  
docs citations

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times ranked

2279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic flexibility and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1009-E1017.	3.5	394
2	Influence of Gender, Obesity, and Muscle Lipase Activity on Intramyocellular Lipids in Sedentary Individuals. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3440-3447.	3.6	127
3	Metabolic Flexibility in Response to Glucose Is Not Impaired in People With Type 2 Diabetes After Controlling for Glucose Disposal Rate. Diabetes, 2008, 57, 841-845.	0.6	100
4	Defective Natriuretic Peptide Receptor Signaling in Skeletal Muscle Links Obesity to Type 2 Diabetes. Diabetes, 2015, 64, 4033-4045.	0.6	76
5	Single and Multiple Selenium-Zinc-Iodine Deficiencies Affect Rat Thyroid Metabolism and Ultrastructure. Journal of Nutrition, 1999, 129, 174-180.	2.9	58
6	Enlarged adipocytes in subcutaneous adipose tissue associated to hyperandrogenism and visceral adipose tissue volume in women with polycystic ovary syndrome. Steroids, 2018, 130, 15-21.	1.8	46
7	Skeletal Muscle Perilipin 3 and Coatamer Proteins Are Increased following Exercise and Are Associated with Fat Oxidation. PLoS ONE, 2014, 9, e91675.	2.5	44
8	Pathophysiological role of metabolic flexibility on metabolic health. Obesity Reviews, 2021, 22, e13131.	6.5	39
9	Insulin-Dependent H2O2 Production Is Higher in Muscle Fibers of Mice Fed with a High-Fat Diet. International Journal of Molecular Sciences, 2013, 14, 15740-15754.	4.1	37
10	The contribution of race and diabetes status to metabolic flexibility in humans. Metabolism: Clinical and Experimental, 2010, 59, 1358-1364.	3.4	36
11	Prolonged Activation of the Htr2b Serotonin Receptor Impairs Glucose Stimulated Insulin Secretion and Mitochondrial Function in MIN6 Cells. PLoS ONE, 2017, 12, e0170213.	2.5	23
12	Metabolic flexibility to lipid availability during exercise is enhanced in individuals with high insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E715-E722.	3.5	22
13	Enhanced Skeletal Muscle Lipid Oxidative Efficiency in Insulin-Resistant vs Insulin-Sensitive Nondiabetic, Nonobese Humans. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E646-E653.	3.6	21
14	Role of Skeletal Muscle Mitochondrial Density on Exercise- Stimulated Lipid Oxidation. Obesity, 2012, 20, 1387-1393.	3.0	20
15	Leptin/Adiponectin Ratios Using Either Total Or High-Molecular-Weight Adiponectin as Biomarkers of Systemic Insulin Sensitivity in Normoglycemic Women. Journal of Diabetes Research, 2017, 2017, 1-11.	2.3	17
16	Biology and pathological implications of brown adipose tissue: promises and caveats for the control of obesity and its associated complications. Biological Reviews, 2018, 93, 1145-1164.	10.4	16
17	Influence of a Gas Exchange Correction Procedure on Resting Metabolic Rate and Respiratory Quotient in Humans. Obesity, 2017, 25, 1941-1947.	3.0	15
18	Association between zinc nutritional status and glycemic control in individuals with well-controlled type-2 diabetes. Journal of Trace Elements in Medicine and Biology, 2018, 50, 560-565.	3.0	14

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19	Vanillin suppresses Kupffer cell-related colloidal carbon-induced respiratory burst activity in isolated perfused rat liver: anti-inflammatory implications. <i>Food and Function</i> , 2012, 3, 1319.	4.6	13
20	Adipose tissue expression of <i>adipose</i> (WDFC1) gene is associated with lower fat mass and enhanced insulin sensitivity in humans. <i>Obesity</i> , 2013, 21, 2244-2248.	3.0	13
21	Effect of Human Myotubes-Derived Media on Glucose-Stimulated Insulin Secretion. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	13
22	Insights on the Role of Putative Muscle-Derived Factors on Pancreatic Beta Cell Function. <i>Frontiers in Physiology</i> , 2019, 10, 1024.	2.8	12
23	PPARGC1A Gene Promoter Methylation as a Biomarker of Insulin Secretion and Sensitivity in Response to Glucose Challenges. <i>Nutrients</i> , 2020, 12, 2790.	4.1	12
24	Assessment of the Role of Metabolic Determinants on the Relationship between Insulin Sensitivity and Secretion. <i>PLoS ONE</i> , 2016, 11, e0168352.	2.5	11
25	Direct Relationship Between Metabolic Flexibility Measured During Glucose Clamp and Prolonged Fast in Men. <i>Obesity</i> , 2020, 28, 1110-1116.	3.0	11
26	Plasma lactate and leukocyte mitochondrial DNA copy number as biomarkers of insulin sensitivity in non-diabetic women. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 285-297.	3.0	9
27	Relationship between whole-body macronutrient oxidative partitioning and pancreatic insulin secretion/ $\beta^2$ -cell function in non-diabetic humans. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1426-1431.	3.4	8
28	Association Between Adipose Tissue Characteristics and Metabolic Flexibility in Humans: A Systematic Review. <i>Frontiers in Nutrition</i> , 2021, 8, 744187.	3.7	4
29	Platelet Serotonin Levels Are Associated with Plasma Soluble Leptin Receptor Concentrations in Normoglycemic Women. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-10.	2.3	3
30	Editorial: Metabolic Flexibility. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	2
31	Similar Metabolic Health in Overweight/Obese Individuals With Contrasting Metabolic Flexibility to an Oral Glucose Tolerance Test. <i>Frontiers in Nutrition</i> , 2021, 8, 745907.	3.7	1
32	Assessment of red blood cell glutathione status in insulin resistance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 997-1002.	1.9	0