

# Diego F Garcia-Diaz

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,555  
citations

304602

22  
h-index

315616

38  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2505  
citing authors

#	ARTICLE	IF	CITATIONS
1	High fat diet-induced obesity modifies the methylation pattern of leptin promoter in rats. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 1-9.	1.3	195
2	Bioactive compounds and health benefits of exotic tropical red/black berries. <i>Journal of Functional Foods</i> , 2013, 5, 539-549.	1.6	171
3	Adiposity dependent apelin gene expression: relationships with oxidative and inflammation markers. <i>Molecular and Cellular Biochemistry</i> , 2007, 305, 87-94.	1.4	89
4	Vitamin C in the Treatment and/or Prevention of Obesity. <i>Journal of Nutritional Science and Vitaminology</i> , 2014, 60, 367-379.	0.2	81
5	Weight gain induced by an isocaloric pair-fed high fat diet: A nutriepigenetic study on FASN and NDUFB6 gene promoters. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 273-278.	0.5	78
6	The deleterious effect of cholesterol and protection by quercetin on mitochondrial bioenergetics of pancreatic $\beta$ -cells, glycemic control and inflammation: In vitro and in vivo studies. <i>Redox Biology</i> , 2016, 9, 229-243.	3.9	76
7	Pulp, Leaf, Peel and Seed of Avocado Fruit: A Review of Bioactive Compounds and Healthy Benefits. <i>Food Reviews International</i> , 2021, 37, 619-655.	4.3	66
8	Obesity induced by a pair-fed high fat sucrose diet: methylation and expression pattern of genes related to energy homeostasis. <i>Lipids in Health and Disease</i> , 2010, 9, 60.	1.2	61
9	Chronic mild stress induces variations in locomotive behavior and metabolic rates in high fat fed rats. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 337-346.	1.3	45
10	Chilean Native Fruit Extracts Inhibit Inflammation Linked to the Pathogenic Interaction Between Adipocytes and Macrophages. <i>Journal of Medicinal Food</i> , 2015, 18, 601-608.	0.8	45
11	Vitamin C inhibits leptin secretion and some glucose/lipid metabolic pathways in primary rat adipocytes. <i>Journal of Molecular Endocrinology</i> , 2010, 45, 33-43.	1.1	44
12	VDR polymorphisms influence the immune response in type 1 diabetic children from Santiago, Chile. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 134-140.	1.1	43
13	PD $\beta$ 1 gene polymorphisms and low serum level of PD $\beta$ 1 protein are associated to type 1 diabetes in Chile. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 761-766.	1.7	40
14	Influence of dietary macronutrient composition on adiposity and cellularity of different fat depots in Wistar rats. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 387-395.	1.3	37
15	Anthocyanins from Fermented Berry Beverages Inhibit Inflammation-Related Adiposity Response <i>In Vitro</i> . <i>Journal of Medicinal Food</i> , 2015, 18, 489-496.	0.8	36
16	Polyphenols and their anti-obesity role mediated by the gut microbiota: a comprehensive review. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 367-388.	2.6	32
17	Nutritional and non-nutritional agents that stimulate white adipose tissue browning. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 161-171.	2.6	28
18	Ascorbic acid oral treatment modifies lipolytic response and behavioural activity but not glucocorticoid metabolism in cafeteria diet-fed rats. <i>Acta Physiologica</i> , 2009, 195, 449-457.	1.8	26

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19	Extracts of Chilean native fruits inhibit oxidative stress, inflammation and insulin-resistance linked to the pathogenic interaction between adipocytes and macrophages. <i>Journal of Functional Foods</i> , 2016, 27, 69-83.	1.6	26
20	Regulation by chronic-mild stress of glucocorticoids, monocyte chemoattractant protein-1 and adiposity in rats fed on a high-fat diet. <i>Physiology and Behavior</i> , 2011, 103, 173-180.	1.0	25
21	Effects of hyperoxia exposure on metabolic markers and gene expression in 3T3-L1 adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 663-669.	1.3	25
22	A High-Sucrose Isocaloric Pair-Fed Model Induces Obesity and Impairs NDUF6 Gene Function in Rat Adipose Tissue. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009, 2, 267-272.	1.8	24
23	Expression of miR-155, miR-146a, and miR-326 in T1D patients from Chile: relationship with autoimmunity and inflammatory markers. <i>Archives of Endocrinology and Metabolism</i> , 2018, 62, 34-40.	0.3	22
24	Vitamin C modulates the interaction between adipocytes and macrophages. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S257-63.	1.5	19
25	Glucose and insulin modify thrombospondin 1 expression and secretion in primary adipocytes from diet-induced obese rats. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 453-461.	1.3	14
26	Microencapsulated pomegranate peel extract induces mitochondrial complex IV activity and prevents mitochondrial cristae alteration in brown adipose tissue in mice fed on a high-fat diet. <i>British Journal of Nutrition</i> , 2021, 126, 825-836.	1.2	14
27	Fat intake leads to differential response of rat adipocytes to glucose, insulin and ascorbic acid. <i>Experimental Biology and Medicine</i> , 2012, 237, 407-416.	1.1	13
28	Epigenetics in type 1 diabetes: TNF $\alpha$ gene promoter methylation status in Chilean patients with type 1 diabetes mellitus. <i>British Journal of Nutrition</i> , 2016, 116, 1861-1868.	1.2	13
29	Effects of polyphenols in aging and neurodegeneration associated with oxidative stress. <i>Current Medicinal Chemistry</i> , 2021, 28, .	1.2	12
30	Expression of miR-22 and miR-150 in type 1 diabetes mellitus: Possible relationship with autoimmunity and clinical characteristics. <i>Medicina Clínica (English Edition)</i> , 2016, 147, 245-247.	0.1	11
31	A Review of the Potential of Chilean Native Berries in the Treatment of Obesity and its Related Features. <i>Plant Foods for Human Nutrition</i> , 2019, 74, 277-286.	1.4	11
32	Zinc Supplementation and Strength Exercise in Rats with Type 2 Diabetes: Akt and PTP1B Phosphorylation in Nonalcoholic Fatty Liver. <i>Biological Trace Element Research</i> , 2021, 199, 2215-2224.	1.9	11
33	A polyphenol-rich Calafate ( <i>Berberis microphylla</i> ) extract rescues glucose tolerance in mice fed with cafeteria diet. <i>Journal of Functional Foods</i> , 2020, 67, 103856.	1.6	10
34	miR15a and miR16 in Chilean type 1 diabetes patients: possible association with apoptosis, inflammatory, or autoimmunity markers. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 1083-1088.	1.8	8
35	Molecular Basis of the Inflammation Related to Obesity. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	1.9	7
36	Overnutrition in Infants Is Associated With High Level of Leptin, Viral Coinfection and Increased Severity of Respiratory Infections: A Cross-Sectional Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 44.	0.9	7

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37	Chemically induced hypoxia promotes differential outcomes over preadipocyte or adipocyte macrophage communication. Archives of Physiology and Biochemistry, 2017, 123, 175-181.	1.0	5
38	Maqui, Calafate, and Blueberry fruits extracts treatments suppress the pathogenic interaction amongst human adipocytes and macrophages. Journal of Berry Research, 2020, 10, 531-545.	0.7	5
39	Body fat composition and miR-378 expression profiling in patients with type 1 diabetes. Annals of Pediatric Endocrinology and Metabolism, 2020, 25, 118-125.	0.8	5
40	Role of Saturated and Polyunsaturated Fat in Obesity-Related Inflammation. , 2014, , 297-308.		4
41	Effects of physical exercise on oxidative stress biomarkers in hypertensive animals and non-diabetic subjects with prehypertension/hypertension: a review. Sport Sciences for Health, 2019, 15, 481-495.	0.4	3
42	Beneficial Effects of Bioactive Compounds Obtained from Agro-Industrial By-Products on Obesity and Metabolic Syndrome Components. Food Reviews International, 2023, 39, 3753-3782.	4.3	3
43	The treatment with an extract from Calafate (Berberis microphylla) induces transcript and protein expression of molecules involved in thermogenesis and adipocyte browning in adipose tissue from obese mice. Journal of Berry Research, 2021, 11, 267-277.	0.7	2
44	Characterization of Persea americana Mill. peels and leaves extracts and analysis of its potential in vitro anti-inflammatory properties. Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas, 2020, 19, 395-407.	0.2	2
45	The administration of an extract from Berberis microphylla stimulates energy expenditure, thermogenesis and mitochondrial dynamics in mice brown adipose tissue. Food Bioscience, 2021, 41, 100988.	2.0	1
46	Obesidad parental y modificaciones epigenéticas en la descendencia. Revista Chilena De Nutricion, 2019, 46, 792-799.	0.1	1
47	El consumo de un extracto de calafate (Berberis microphylla) modifica marcadores de respuesta inmune en ratones delgados y obesos. Revista Chilena De Nutricion, 2021, 48, 51-58.	0.1	0
48	Potencial efecto terapéutico de los polifenoles obtenidos de la cáscara de granada en la esteatosis hepática. Revista Chilena De Nutricion, 2022, 49, 89-99.	0.1	0