

MarÃ-a Cristina Revilla Monsalve

List of Publications by Year in descending order

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26
papers

1,097
citations

623574

14
h-index

552653

26
g-index

26
all docs

26
docs citations

26
times ranked

3139
citing authors

#	ARTICLE	IF	CITATIONS
1	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
2	Association of a Low-Frequency Variant in <i>HNF1A</i> With Type 2 Diabetes in a Latino Population. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2305.	3.8	230
3	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. <i>Cell</i> , 2017, 170, 199-212.e20.	13.5	121
4	Six-Month Treatment of Obesity with Sibutramine 15 mg; A Double-Blind, Placebo-Controlled Monocenter Clinical Trial in a Hispanic Population. <i>Obesity</i> , 2000, 8, 71-82.	4.0	58
5	A Loss-of-Function Splice Acceptor Variant in <i>IGF2</i> Is Protective for Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 2903-2914.	0.3	52
6	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021, 12, 3505.	5.8	49
7	Prediabetes and its Relationship with Obesity in Mexican Adults: The Mexican Diabetes Prevention (MexDiab) Study. <i>Metabolic Syndrome and Related Disorders</i> , 2008, 6, 15-23.	0.5	48
8	Effects of biotin on pyruvate carboxylase, acetyl-CoA carboxylase, propionyl-CoA carboxylase, and markers for glucose and lipid homeostasis in type 2 diabetic patients and nondiabetic subjects. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 238-243.	2.2	44
9	Biotin supplementation reduces plasma triacylglycerol and VLDL in type 2 diabetic patients and nondiabetic subjects with hypertriglyceridemia. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 182-185.	2.5	40
10	Efficacy of glimepiride/metformin combination versus glibenclamide/metformin in patients with uncontrolled type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2009, 23, 376-379.	1.2	31
11	Cardiovascular Risk Factors and Acculturation in Yaquis and Tepehuanos Indians from Mexico. <i>Archives of Medical Research</i> , 2008, 39, 352-357.	1.5	27
12	Association of HMOX1 and NQO1 Polymorphisms with Metabolic Syndrome Components. <i>PLoS ONE</i> , 2015, 10, e0123313.	1.1	25
13	Gene variants in <i>AKT1</i> , <i>GCKR</i> and <i>SOCS3</i> are differentially associated with metabolic traits in Mexican Amerindians and Mestizos. <i>Gene</i> , 2018, 679, 160-171.	1.0	17
14	Diabetes Drug Discovery: hIAPP ¹⁻³⁷ Polymorphic Amyloid Structures as Novel Therapeutic Targets. <i>Molecules</i> , 2018, 23, 686.	1.7	17
15	Prevalence of Prehypertension in Mexico and Its Association With Hypomagnesemia. <i>American Journal of Hypertension</i> , 2015, 28, 1024-1030.	1.0	15
16	Hypoglycemic effect of <i>Tournefortia hirsutissima</i> L., on n-streptozotocin diabetic rats. <i>Journal of Ethnopharmacology</i> , 2007, 112, 96-100.	2.0	14
17	Chronic hypoglycemic effect of <i>Malmea depressa</i> root on n5-streptozotocin diabetic rats. <i>Journal of Ethnopharmacology</i> , 2008, 116, 358-362.	2.0	11
18	Novel insight into streptozotocin-induced diabetic rats from the protein misfolding perspective. <i>Scientific Reports</i> , 2017, 7, 11552.	1.6	10

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19	Unpacking the aggregation-oligomerization-fibrillization process of naturally-occurring hIAPP amyloid oligomers isolated directly from sera of children with obesity or diabetes mellitus. <i>Scientific Reports</i> , 2019, 9, 18465.	1.6	10
20	Importance of Maternal Diabetes on the Chronological Deregulation of the Intrauterine Development: An Experimental Study in Rat. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-10.	1.0	8
21	Risk factors for diabetes, but not for cardiovascular disease, are associated with family history of Type 2 diabetes in subjects from central Mexico. <i>Annals of Human Biology</i> , 2012, 39, 102-107.	0.4	7
22	Clinical testing of propofol geriatric dose for sedation designed via in silico trial. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 132, 21-27.	2.6	5
23	Rapid automatic identification of parameters of the Bergman Minimal Model in Sprague-Dawley rats with experimental diabetes for adaptive insulin delivery. <i>Computers in Biology and Medicine</i> , 2019, 108, 242-248.	3.9	4
24	Accurate diagnosis of sepsis using a neural network: Pilot study using routine clinical variables. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 210, 106366.	2.6	4
25	Significant and safe reduction of propofol sedation dose for geriatric population undergoing pacemaker implantation: randomized clinical trial. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 1233-1239.	1.4	1
26	Distribution of potential risk alleles and haplotypes of the CYP2C9 and CYP2C19 genes in Mexican native populations: A comparative study among Amerindian populations. <i>Meta Gene</i> , 2019, 20, 100565.	0.3	1