Maria Carolina Borges

List of Publications by Year
in descending order

60 papers	2,482 citations	279487 23 h-index	243296 44 g-index
71 all docs	71 docs citations	71 times ranked	4251 citing authors

#	Article	IF	Citations
1	Recent Developments in Mendelian Randomization Studies. Current Epidemiology Reports, 2017, 4, 330-345.	1.1	553
2	Inflammatory Biomarkers and Risk of Schizophrenia. JAMA Psychiatry, 2017, 74, 1226.	6.0	204
3	Focus on Vitamin D, Inflammation and Type 2 Diabetes. Nutrients, 2012, 4, 52-67.	1.7	168
4	Current perspectives on vitamin D, immune system, and chronic diseases. Nutrition, 2011, 27, 399-404.	1.1	107
5	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. Nature Communications, 2020, 11, 5976.	5.8	102
6	Artificially Sweetened Beverages and the Response to the Global Obesity Crisis. PLoS Medicine, 2017, 14, e1002195.	3.9	83
7	Liver Function and Risk of Type 2 Diabetes: Bidirectional Mendelian Randomization Study. Diabetes, 2019, 68, 1681-1691.	0.3	79
8	Role of Adiponectin in Coronary Heart Disease Risk. Circulation Research, 2016, 119, 491-499.	2.0	77
9	The role of glycaemic and lipid risk factors in mediating the effect of BMI on coronary heart disease: a two-step, two-sample Mendelian randomisation study. Diabetologia, 2017, 60, 2210-2220.	2.9	75
10	Bias in two-sample Mendelian randomization when using heritable covariable-adjusted summary associations. International Journal of Epidemiology, 2021, 50, 1639-1650.	0.9	65
11	Aspectos atuais sobre estresse oxidativo, exercÃcios fÃsicos e suplementaÃ§Ã£o. Revista Brasileira De Medicina Do Esporte, 2007, 13, 336-342.	0.1	51
12	Studies of Gene Variants Related to Inflammation, Oxidative Stress, Dyslipidemia, and Obesity: Implications for a Nutrigenetic Approach. Journal of Obesity, 2011, 2011, 1-31.	1.1	48
13	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	1.4	47
14	Assessing causality in the association between attention-deficit/hyperactivity disorder and obesity: a Mendelian randomization study. International Journal of Obesity, 2019, 43, 2500-2508.	1.6	45
15	The Effect of Plasma Lipids and Lipidâ€Lowering Interventions on Bone Mineral Density: A Mendelian Randomization Study. Journal of Bone and Mineral Research, 2020, 35, 1224-1235.	3.1	45
16	Association of maternal circulating 25(OH)D and calcium with birth weight: A mendelian randomisation analysis. PLoS Medicine, 2019, 16, e1002828.	3.9	39
17	Trans-ethnic Mendelian-randomization study reveals causal relationships between cardiometabolic factors and chronic kidney disease. International Journal of Epidemiology, 2022, 50, 1995-2010.	0.9	39
18	Effects of Protein-Energy Malnutrition on NF-KappaB Signalling in Murine Peritoneal Macrophages. Inflammation, 2010, 33, 101-109.	1.7	36

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19	Circulating Fatty Acids and Risk of Coronary Heart Disease and Stroke: Individual Participant Data Metaâ€Analysis in Up to 16Â126 Participants. Journal of the American Heart Association, 2020, 9, e013131.	1.6	36
20	Is there a causal role for homocysteine concentration in blood pressure? A Mendelian randomization study. American Journal of Clinical Nutrition, 2016, 103, 39-49.	2.2	35
21	Associations between plasma fatty acid concentrations and schizophrenia: a two-sample Mendelian randomisation study. Lancet Psychiatry,the, 2021, 8, 1062-1070.	3.7	29
22	Exploring and mitigating potential bias when genetic instrumental variables are associated with multiple non-exposure traits in Mendelian randomization. European Journal of Epidemiology, 2022, 37, 683-700.	2.5	27
23	Metabolic Profiling of Adiponectin Levels in Adults. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	26
24	Mendelian Randomization of Circulating Polyunsaturated Fatty Acids and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 860-870.	1.1	26
25	Dietary Glutamine Supplementation Increases the Activity of Peritoneal Macrophages and Hemopoiesis in Early-Weaned Mice Inoculated with Mycobacteriumbovis Bacillus Calmette-GuÃ©rin. Journal of Nutrition, 2008, 138, 1343-1348.	1.3	25
26	Obesity-induced hypoadiponectinaemia: the opposite influences of central and peripheral fat compartments. International Journal of Epidemiology, 2017, 46, 2044-2055.	0.9	25
27	A high-fat diet increases interleukin-3 and granulocyte colony-stimulating factor production by bone marrow cells and triggers bone marrow hyperplasia and neutrophilia in wistar rats. Experimental Biology and Medicine, 2013, 238, 375-384.	1.1	24
28	Association of Genetic Instrumental Variables for Lung Function on Coronary Artery Disease Risk. Circulation Genomic and Precision Medicine, 2018, 11, e001952.	1.6	22
29	Genome-wide association study of anti-MÃ¼llerian hormone levels in pre-menopausal women of late reproductive age and relationship with genetic determinants of reproductive lifespan. Human Molecular Genetics, 2019, 28, 1392-1401.	1.4	22
30	The effect of mate tea (Ilex paraguariensis) on metabolic and inflammatory parameters in high-fat diet-fed Wistar rats. International Journal of Food Sciences and Nutrition, 2013, 64, 561-569.	1.3	21
31	Combined Association of Body Mass Index and Alcohol Consumption With Biomarkers for Liver Injury and Incidence of Liver Disease. JAMA Network Open, 2019, 2, e190305.	2.8	21
32	Impact of lung function on cardiovascular diseases and cardiovascular risk factors: a two sample bidirectional Mendelian randomisation study. Thorax, 2022, 77, 164-171.	2.7	21
33	High-fat diet blunts activation of the nuclear factor-Î²B signaling pathway in lipopolysaccharide-stimulated peritoneal macrophages of Wistar rats. Nutrition, 2013, 29, 443-449.	1.1	20
34	Isocaloric intake of a highâ€fat diet promotes insulin resistance and inflammation in Wistar rats. Cell Biochemistry and Function, 2013, 31, 244-253.	1.4	20
35	Effects of glutamine on the nuclear factor-kappaB signaling pathway of murine peritoneal macrophages. Amino Acids, 2010, 39, 435-441.	1.2	16
36	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores. BMC Medicine, 2022, 20, 34.	2.3	14

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37	Genome-wide association study meta-analysis identifies three novel loci for circulating anti-MÃ¼llerian hormone levels in women. Human Reproduction, 2022, 37, 1069-1082.	0.4	13
38	Mendelian Randomization Concernsâ€"Reply. JAMA Psychiatry, 2018, 75, 407.	6.0	10
39	Anemia among indigenous women in Brazil: findings from the First National Survey of Indigenous Peopleâ€™s Health and Nutrition. BMC Women's Health, 2015, 16, 7.	0.8	9
40	Interactions between lifestyle and MTHFR polymorphisms on homocysteine concentrations in young adults belonging to the 1982 Pelotas Birth Cohort. European Journal of Clinical Nutrition, 2017, 71, 259-266.	1.3	9
41	Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. Diabetologia, 2021, 64, 2790-2802.	2.9	9
42	Prevalence of active transportation among adults in Latin America and the Caribbean: a systematic review of population-based studies. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2017, 41, 1.	0.6	8
43	Yerba Mate (Ilex paraguariensis) modulates NF-kappaB pathway and AKT expression in the liver of rats fed on a high-fat diet. International Journal of Food Sciences and Nutrition, 2014, 65, 967-976.	1.3	7
44	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. Cancer Causes and Control, 2022, 33, 631-652.	0.8	7
45	Socioeconomic development of cities and risk factors for non-communicable diseases: a comparative study across Brazilian state capitals. Journal of Public Health, 2016, 38, fdv202.	1.0	6
46	Effects of Dietary Glutamine Supplementation on the Body Composition and Protein Status of Early-Weaned Mice Inoculated with Mycobacterium bovis Bacillus Calmette-Guerin. Nutrients, 2011, 3, 792-804.	1.7	5
47	Mendelian randomization study of maternal coffee consumption and its influence on birthweight, stillbirth, miscarriage, gestational age and pre-term birth. International Journal of Epidemiology, 2023, 52, 165-177.	0.9	5
48	The impact of fatty acids biosynthesis on the risk of cardiovascular diseases in Europeans and East Asians: a Mendelian randomization study. Human Molecular Genetics, 2022, 31, 4034-4054.	1.4	5
49	Using Mendelian Randomisation to Prioritise Candidate Maternal Metabolic Traits Influencing Offspring Birthweight. Metabolites, 2022, 12, 537.	1.3	4
50	Response by Borges et al to Editorial Regarding Article, â€œRole of Adiponectin in Coronary Heart Disease Risk: A Mendelian Randomization Studyâ€• Circulation Research, 2016, 119, e127-8.	2.0	3
51	Cardiometabolic health during early adulthood and risk of miscarriage: a prospective study. Wellcome Open Research, 2020, 5, 205.	0.9	2
52	Nutrient-Adjusted High-Fat Diet is Associated with Absence of Periepididymal Adipose Tissue Inflammation: Is there a Link with Adequate Micronutrient Levels?. International Journal for Vitamin and Nutrition Research, 2013, 83, 299-310.	0.6	2
53	SuplementaÃ§Ã£o enteral e parenteral com glutamina em neonatos prÃ©-termo e com baixo peso ao nascer. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, 13-23.	0.5	2
54	Fetal alleles predisposing to metabolically favorable adiposity are associated with higher birth weight. Human Molecular Genetics, 2022, 31, 1762-1775.	1.4	2

#	Article	IF	Citations
55	Letter by Hartwig et al Regarding Article, â€œEvaluation of the Pleiotropic Effects of Statins: A Reanalysis of the Randomized Trial Evidence Using Egger Regressionâ€. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e85-e86.	1.1	1
56	Trans-Ethnic Mendelian Randomization Study Reveals Causal Relationships Between Cardiometabolic Factors and Chronic Kidney Disease. SSRN Electronic Journal, 0, , .	0.4	1
57	586Effects of maternal circulating amino acids on offspring birthweight: a Mendelian randomisation analysis. International Journal of Epidemiology, 2021, 50, .	0.9	1
58	1484Selection bias in COVID-19 research: Prospective analyses of two UK cohort studies. International Journal of Epidemiology, 2021, 50, .	0.9	1
59	O desmame precoce afeta o ganho de peso e a composiÃ§Ã£o corporal em camundongos adultos?. Revista De Nutricao, 2010, 23, 85-93.	0.4	0
60	Early weaning impairs body composition in male mice. Brazilian Journal of Pharmaceutical Sciences, 2009, 45, 801-807.	1.2	0