

Omar Y Bello-Chavolla

List of Publications by Year in Descending Order

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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.

72 papers	914 citations	15 h-index	28 g-index
92 ext. papers	1,444 ext. citations	4.3 avg, IF	5.35 L-index

#	Paper	IF	Citations
72	Bioinformatics and Genomics for Epidemiologists 2022 , 131-143		
71	Principles of Imaging for Epidemiologists 2022 , 117-130		
70	Serum Vitamin D Levels Are Associated With Increased COVID-19 Severity and Mortality Independent of Whole-Body and Visceral Adiposity.. <i>Frontiers in Nutrition</i> , 2022 , 9, 813485	6.2	5
69	Epicardial adipose tissue thickness is associated with increased COVID-19 severity and mortality.. <i>International Journal of Obesity</i> , 2022 ,	5.5	2
68	Variability in case fatality rate risk due to Covid-19 according to health services provider in Mexico City hospitals.. <i>Salud Publica De Mexico</i> , 2022 , 64, 119-130	1.7	0
67	Prevalence trends of diabetes subgroups in the US: A data-driven analysis spanning three decades from NHANES (1988-2018). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
66	Assessing the Burden of Coronavirus Disease 2019 (COVID-19) Among Healthcare Workers in Mexico City: A Data-Driven Call to Action. <i>Clinical Infectious Diseases</i> , 2021 , 73, e191-e198	11.6	15
65	A High Incidence of Metabolic Syndrome Traits in Mexicans Points at Obesity-Related Metabolic Dysfunction. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021 , 14, 1073-1082	3.4	1
64	Letter to the Editor from Bello-Chavolla et al: "Are the Different Diabetes Subgroups Correlated With All-Cause, Cancer-related, and Cardiovascular-related Mortality?". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3289-e3290	5.6	1
63	Trends in Diabetes Subgroups and Their Risk for All-Cause, Cardiovascular Disease and Diabetes-Specific Mortality in the US: A Data-Driven Reproducible Machine Learning Approach. <i>Journal of the Endocrine Society</i> , 2021 , 5, A423-A423	0.4	78
62	Comparative assessment of LDL-C and VLDL-C estimation in familial combined hyperlipidemia using Sampson's, Martin's and Friedewald's equations. <i>Lipids in Health and Disease</i> , 2021 , 20, 46	4.4	6
61	Elevated Serum Uric Acid Is a Facilitating Mechanism for Insulin Resistance Mediated Accumulation of Visceral Adipose Tissue. <i>Journal of the Endocrine Society</i> , 2021 , 5, A44-A45	0.4	78
60	Comprehensive evaluation of the impact of sociodemographic inequalities on adverse outcomes and excess mortality during the COVID-19 pandemic in Mexico City. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	9
59	Unequal Impact of Structural Health Determinants and Comorbidity on COVID-19 Severity and Lethality in Older Mexican Adults: Considerations Beyond Chronological Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e52-e59	6.4	44
58	Increased visceral fat accumulation modifies the effect of insulin resistance on arterial stiffness and hypertension risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 506-517	4.5	2
57	Profiling Cases With Nonrespiratory Symptoms and Asymptomatic Severe Acute Respiratory Syndrome Coronavirus 2 Infections in Mexico City. <i>Clinical Infectious Diseases</i> , 2021 , 72, e655-e658	11.6	7
56	Impact of undiagnosed type 2 diabetes and pre-diabetes on severity and mortality for SARS-CoV-2 infection. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	16

55	Familial hypertriglyceridemia: an entity with distinguishable features from other causes of hypertriglyceridemia. <i>Lipids in Health and Disease</i> , 2021 , 20, 14	4.4	5
54	Adaptive Metabolic and Inflammatory Responses Identified Using Accelerated Aging Metrics Are Linked to Adverse Outcomes in Severe SARS-CoV-2 Infection. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e117-e126	6.4	5
53	Spatial epidemiological study of the distribution, clustering, and risk factors associated with early COVID-19 mortality in Mexico. <i>PLoS ONE</i> , 2021 , 16, e0254884	3.7	4
52	Diagnostic performance and clinical implications of rapid SARS-CoV-2 antigen testing in Mexico using real-world nationwide COVID-19 registry data. <i>PLoS ONE</i> , 2021 , 16, e0256447	3.7	3
51	Trends and age-period-cohort effects on hypertension mortality rates from 1998 to 2018 in Mexico. <i>Scientific Reports</i> , 2021 , 11, 17553	4.9	2
50	Higher Veterans Aging Cohort Study 2.0 Index Score Predicts Functional Decline Among Older Adults Living with HIV. <i>AIDS Research and Human Retroviruses</i> , 2021 , 37, 878-883	1.6	2
49	Development and validation of a tool for predicting type 2 diabetes in Mexican women of reproductive age. <i>Endocrinología y Diabetes Y Nutrición (English Ed)</i> , 2020 , 67, 578-585	0.1	
48	Predicting Mortality Due to SARS-CoV-2: A Mechanistic Score Relating Obesity and Diabetes to COVID-19 Outcomes in Mexico. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	199
47	The combination of insulin resistance and visceral adipose tissue estimation improves the performance of metabolic syndrome as a predictor of type 2 diabetes. <i>Diabetic Medicine</i> , 2020 , 37, 1192-1201	3.5	6
46	Spatial analysis of COVID-19 spread in Iran: Insights into geographical and structural transmission determinants at a province level. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008875	4.8	39
45	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score. <i>PLoS ONE</i> , 2020 , 15, e0244051	3.7	12
44	Promising biomarkers of human aging: In search of a multi-omics panel to understand the aging process from a multidimensional perspective. <i>Ageing Research Reviews</i> , 2020 , 64, 101164	12	19
43	The type 2 diabetes-specific dementia risk score (DSDRS) is associated with frailty, cognitive and functional status amongst Mexican community-dwelling older adults. <i>BMC Geriatrics</i> , 2020 , 20, 363	4.1	2
42	Development and validation of a tool for predicting type 2 diabetes in Mexican women of reproductive age. <i>Endocrinología, Diabetes Y Nutrición</i> , 2020 , 67, 578-585	1.3	1
41	Clinical characterization of data-driven diabetes subgroups in Mexicans using a reproducible machine learning approach. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	12
40	Metabolic Score for Visceral Fat (METS-VF), a novel estimator of intra-abdominal fat content and cardio-metabolic health. <i>Clinical Nutrition</i> , 2020 , 39, 1613-1621	5.9	11
39	Spatial analysis of COVID-19 spread in Iran: Insights into geographical and structural transmission determinants at a province level 2020 , 14, e0008875		
38	Spatial analysis of COVID-19 spread in Iran: Insights into geographical and structural transmission determinants at a province level 2020 , 14, e0008875		

37	Spatial analysis of COVID-19 spread in Iran: Insights into geographical and structural transmission determinants at a province level 2020 , 14, e0008875		
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33	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
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31	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
30	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
29	Development and validation of a predictive model for incident type 2 diabetes in middle-aged Mexican adults: the metabolic syndrome cohort. <i>BMC Endocrine Disorders</i> , 2019 , 19, 41	3.3	20
28	Long-term effectiveness of a type 2 diabetes comprehensive care program. The CAIPaDi model. <i>Diabetes Research and Clinical Practice</i> , 2019 , 151, 128-137	7.4	12
27	Prediction of incident hypertension and arterial stiffness using the non-insulin-based metabolic score for insulin resistance (METS-IR) index. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1063-1070	2.3	11
26	The SLC16A11 risk haplotype is associated with decreased insulin action, higher transaminases and large-size adipocytes. <i>European Journal of Endocrinology</i> , 2019 , 180, 99-107	6.5	10
25	Pathophysiological Mechanisms Linking Type 2 Diabetes and Dementia: Review of Evidence from Clinical, Translational and Epidemiological Research. <i>Current Diabetes Reviews</i> , 2019 , 15, 456-470	2.7	23
24	FACTORS INFLUENCING ACHIEVEMENT OF LOW-DENSITY LIPOPROTEIN CHOLESTEROL GOALS IN MEXICO: THE INTERNATIONAL CHOLESTEROL MANAGEMENT PRACTICE STUDY. <i>Revista De Investigacion Clinica</i> , 2019 , 71, 408-416	1.6	1
23	Quality of life is significantly impaired in both secretory and non-functioning pituitary adenomas. <i>Clinical Endocrinology</i> , 2019 , 90, 457-467	3.4	8
22	METS-IR, a novel score to evaluate insulin sensitivity, is predictive of visceral adiposity and incident type 2 diabetes. <i>European Journal of Endocrinology</i> , 2018 , 178, 533-544	6.5	43
21	Identification of a threshold to discriminate fasting hypertriglyceridemia with postprandial values. <i>Lipids in Health and Disease</i> , 2018 , 17, 156	4.4	7
20	FAMILIAL COMBINED HYPERLIPIDEMIA: CURRENT KNOWLEDGE, PERSPECTIVES, AND CONTROVERSIES. <i>Revista De Investigacion Clinica</i> , 2018 , 70, 224-236	1.6	19

19	Optimization of kidney dysfunction prediction in diabetic kidney disease using targeted metabolomics. <i>Acta Diabetologica</i> , 2018 , 55, 1151-1161	3.9	13
18	Mexican Carriers of the p.E508K Variant Do Not Experience an Enhanced Response to Sulfonyleureas. <i>Diabetes Care</i> , 2018 , 41, 1726-1731	14.6	8
17	Performance of LDL-C calculated with Martin's formula compared to the Friedewald equation in familial combined hyperlipidemia. <i>Atherosclerosis</i> , 2018 , 277, 204-210	3.1	25
16	Bloodstream infection caused by <i>S. aureus</i> in patients with cancer: a 10-year longitudinal single-center study. <i>Supportive Care in Cancer</i> , 2018 , 26, 4057-4065	3.9	13
15	Diabetes in Latin America 2017 , 101-126		5
14	Epidemiology of diabetes mellitus in Mexico. <i>Nutrition Reviews</i> , 2017 , 75, 4-12	6.4	40
13	Geriatric Syndromes and Not Cardiovascular Risk Factors are Associated with Cognitive Impairment among Mexican Community-Dwelling Elderly with Type 2 Diabetes. <i>Revista De Investigacion Clinica</i> , 2017 , 69, 166-172	1.6	2
12	Evaluaci3n de la implementaci3n del programa Sicalidad en M3xico. <i>Salud Publica De Mexico</i> , 2015 , 57, 329	1.7	2
11	Multinational modeling of SARS-CoV-2 spreading dynamics: Insights on the heterogeneity of COVID-19 transmission and its potential healthcare burden		3
10	Spatial analysis of COVID-19 spread in Iran: Insights into geographical and structural transmission determinants at a province level		5
9	Predicting mortality due to SARS-CoV-2: A mechanistic score relating obesity and diabetes to COVID-19 outcomes in Mexico		26
8	Unequal impact of structural health determinants and comorbidity on COVID-19 severity and lethality in older Mexican adults: Looking beyond chronological aging		5
7	Assessing the burden of COVID-19 amongst healthcare workers in Mexico City: A data-driven call to action		5
6	Profiling cases with non-respiratory symptoms and asymptomatic SARS-CoV-2 infections in Mexico City		1
5	Adaptive metabolic and inflammatory responses identified using accelerated aging metrics are linked to adverse outcomes in severe SARS-CoV-2 infection		3
4	Serum Vitamin D levels are associated with increased COVID-19 severity and mortality independent of visceral adiposity		2
3	Comprehensive evaluation of the impact of sociodemographic inequalities on adverse outcomes and excess mortality during the COVID-19 pandemic in Mexico City		2
2	Epicardial adipose tissue thickness is associated with increased severity and mortality related to SARS-CoV-2 infection		1

Diagnostic performance and clinical implications of rapid SARS-CoV-2 antigen testing in Mexico using real-world nationwide COVID-19 registry data