Mauro E Valencia

List of Publications by Year in descending order

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82 papers	2,579 citations	218381 26 h-index	214527 47 g-index
102 all docs	102 docs citations	102 times ranked	2730 citing authors

#	Article	IF	Citations
1	Effects of a Traditional Lifestyle on Obesity in Pima Indians. Diabetes Care, 1994, 17, 1067-1074.	4.3	322
2	Effects of Traditional and Western Environments on Prevalence of Type 2 Diabetes in Pima Indians in Mexico and the U.S.. Diabetes Care, 2006, 29, 1866-1871.	4.3	314
3	Role of the employment status and education of mothers in the prevalence of intestinal parasitic infections in Mexican rural schoolchildren. BMC Public Health, 2006, 6, 225.	1.2	149
4	Daily energy expenditure in Mexican and USA Pima Indians: low physical activity as a possible cause of obesity. International Journal of Obesity, 2000, 24, 55-59.	1.6	144
5	Estimation of body fatness from body mass index and bioelectrical impedance: comparison of New Zealand European, Maori and Pacific Island children. European Journal of Clinical Nutrition, 2003, 57, 1394-1401.	1.3	100
6	Effect of a probiotic food as an adjuvant to triple therapy for eradication of Helicobacter pylori infection in children. Nutrition, 2006, 22, 984-988.	1.1	84
7	Prevalence and intensity of intestinal parasitic infections in relation to nutritional status in Mexican schoolchildren. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2004, 98, 653-659.	0.7	73
8	Lifestyle Intervention in Primary Care Settings Improves Obesity Parameters among Mexican Youth. Journal of the American Dietetic Association, 2010, 110, 285-290.	1.3	63
9	Effect of the Holiday Season on Weight Gain: A Narrative Review. Journal of Obesity, 2017, 2017, 1-13.	1.1	54
10	Body composition prediction equations based on deuterium oxide dilution method in Mexican children: a national study. European Journal of Clinical Nutrition, 2012, 66, 1099-1103.	1.3	47
11	Plasma leptin concentrations in Pima Indians living in drastically different environments. Diabetes Care, 1999, 22, 413-417.	4.3	46
12	Helicobacter pyloriis not associated with anaemia in Latin America: results from Argentina, Brazil, Bolivia, Cuba, Mexico and Venezuela. Public Health Nutrition, 2009, 12, 1862-1870.	1.1	42
13	The Pima Indians in Sonora, Mexico. Nutrition Reviews, 2009, 57, 55-58.	2.6	38
14	Body composition by the four-compartment model: validity of the BOD POD for assessing body fat in mexican elderly. European Journal of Clinical Nutrition, 2007, 61, 830-836.	1.3	34
15	Environmentally Driven Increases in Type 2 Diabetes and Obesity in Pima Indians and Non-Pimas in Mexico Over a 15-Year Period: The Maycoba Project. Diabetes Care, 2015, 38, 2075-2082.	4.3	33
16	Total energy expenditure, resting metabolic rate and physical activity level in free-living rural elderly men and women from Cuba, Chile and MÃ©xico. European Journal of Clinical Nutrition, 2006, 60, 1258-1265.	1.3	32
17	Is a low leptin concentration, a low resting metabolic rate, or both the expression of the â€œthrifty genotypeâ€? Results from Mexican Pima Indians. American Journal of Clinical Nutrition, 1998, 68, 1053-1057.	2.2	31
18	Protein Concentrate from Chickpea: Nutritive Value of a Protein Concentrate from Chickpea (Cicer) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Science, 1988, 53, 1396-1398.	1.5	30

#	Article	IF	Citations
19	Effect of different heat treatments on the antinutritional activity of Phaseolus vulgaris (variety Ojo) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	30
20	Energy expenditure during heavy work and its interaction with body weight. British Journal of Nutrition, 1997, 77, 359-373.	1.2	30
21	Accuracy of body fat percent and adiposity indicators cut off values to detect metabolic risk factors in a sample of Mexican adults. BMC Public Health, 2014, 14, 341.	1.2	30
22	Could giardiasis be a risk factor for low zinc status in schoolchildren from northwestern Mexico? A cross-sectional study with longitudinal follow-up. BMC Public Health, 2010, 10, 85.	1.2	29
23	Vitamin A-Fortified Milk Increases Total Body Vitamin A Stores in Mexican Preschoolers. Journal of Nutrition, 2013, 143, 221-226.	1.3	29
24	Prediction of fat-free mass by bioelectrical impedance analysis in older adults from developing countries: A cross-validation study using the deuterium dilution method. Journal of Nutrition, Health and Aging, 2010, 14, 418-426.	1.5	28
25	Dietary Fiber and Lifestyle Influence Serum Lipids in Free Living Adult Men. Journal of the American College of Nutrition, 2001, 20, 649-655.	1.1	27
26	Body fat measurement by bioelectrical impedance and air displacement plethysmography: a cross-validation study to design bioelectrical impedance equations in Mexican adults. Nutrition Journal, 2007, 6, 18.	1.5	27
27	<i>Giardia lamblia </i>Infection and Its Implications for Vitamin A Liver Stores in School Children. Annals of Nutrition and Metabolism, 2010, 57, 228-233.	1.0	27
28	Impact of Giardia Intestinalis on Vitamin A Status in Schoolchildren from Northwest Mexico. International Journal for Vitamin and Nutrition Research, 2008, 78, 51-56.	0.6	27
29	Lactose Maldigestion and Milk Intolerance: A Study in Rural and Urban Mexico Using Physiological Doses of Milk. Journal of Nutrition, 1994, 124, 1052-1059.	1.3	26
30	Differences in Insulin Resistance in Mexican and U.S. Pima Indians with Normal Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E358-E362.	1.8	23
31	External validation of the relative fat mass (RFM) index in adults from north-west Mexico using different reference methods. PLoS ONE, 2019, 14, e0226767.	1.1	23
32	Body composition by hydrometry (deuterium oxide dilution) and bioelectrical impedance in subjects aged >60â€‰y from rural regions of Cuba, Chile and Mexico. International Journal of Obesity, 2003, 27, 848-855.	1.6	22
33	Validation of a 7-day physical activity diary against doubly-labelled water. Annals of Human Biology, 2008, 35, 416-421.	0.4	22
34	Four-compartment model and validation of deuterium dilution technique to estimate fat-free mass in Mexican youth. Nutrition, 2009, 25, 194-199.	1.1	22
35	Basal metabolic rate and body fatness of adult men in northern Mexico. European Journal of Clinical Nutrition, 1994, 48, 205-11.	1.3	22
36	Formulation of Corn-Based Snacks with High Nutritive Value: Biological and Sensory Evaluation. Journal of Food Science, 1990, 55, 228-231.	1.5	21

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37	Breast milk intake and mother to infant pesticide transfer measured by deuterium oxide dilution in agricultural and urban areas of Mexico. Chemosphere, 2017, 181, 682-689.	4.2	19
38	Energy Utilization by Laying Hens. Poultry Science, 1978, 57, 461-465.	1.5	18
39	The â€œSuper-Childâ€•Approach Is Applied To Estimate Retinol Kinetics and Vitamin A Total Body Stores in Mexican Preschoolers. Journal of Nutrition, 2020, 150, 1644-1651.	1.3	17
40	Effects of asymptomatic Giardia intestinalis infection on carbohydrate absorption in well-nourished Mexican children.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 255-259.	0.6	17
41	The effect of environmental temperature and humidity on 24 h energy expenditure in men. British Journal of Nutrition, 1992, 68, 319-327.	1.2	16
42	Package, Temperature and TBHQ Effects on Oxidative Deterioration of Corn-based Snacks. Journal of Food Science, 1992, 57, 112-117.	1.5	16
43	Energetic consequences of mild Giardia intestinalis infestation in Mexican children. American Journal of Clinical Nutrition, 1995, 61, 860-865.	2.2	16
44	Impact of lifestyle on prevalence of kidney disease in Pima Indians in Mexico and the United States. Kidney International, 2005, 68, S141-S144.	2.6	16
45	Trichuriasis and low-iron status in schoolchildren from Northwest Mexico. European Journal of Clinical Nutrition, 2010, 64, 1108-1115.	1.3	16
46	Effect of the Extraction of a Hemagglutinin on the Nutritive Value of Amaranthus leucocarpus Seeds. Journal of Food Science, 1985, 50, 1700-1702.	1.5	15
47	Measuring the intakes of foods and nutrients of marginal populations in north-west Mexico. Public Health Nutrition, 2002, 5, 907-910.	1.1	14
48	Total and Soluble Iron Content and Effect of Certain Inhibitors Present in Selected Varieties of Tepary Bean (Phaseolus Acutifolius). Journal of Agricultural and Food Chemistry, 1994, 42, 1300-1302.	2.4	13
49	Insulin Sensitivity and Associated Risk Factors in Mexican Children and Adolescents. Diabetes Care, 2005, 28, 2546-2547.	4.3	12
50	Antineoplastic treatment effect on bone mineral density in Mexican breast cancer patients. BMC Cancer, 2016, 16, 860.	1.1	12
51	â€˜Dose-to-Motherâ€™ Deuterium Oxide Dilution Technique: An Accurate Strategy to Measure Vitamin A Intake in Breastfed Infants. Nutrients, 2017, 9, 169.	1.7	11
52	Efecto de la suplementaciÃ³n con una dosis masiva de vitamina A en niÃ±os de 6 a 36 meses de edad. Salud Publica De Mexico, 1998, 40, 309-315.	0.1	11
53	Body Composition by Three-Compartment Model and Relative Validity of Some Methods to Assess Percentage Body Fat in Mexican Healthy Elderly Subjects. Gerontology, 2004, 50, 366-372.	1.4	10
54	Analysis of type 2 diabetes and obesity genetic variants in Mexican Pima Indians: Marked allelic differentiation among Amerindians at HLA. Annals of Human Genetics, 2018, 82, 287-299.	0.3	10

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55	Bioelectric Impedance Vector Analysis (BIVA) in Breast Cancer Patients: A Tool for Research and Clinical Practice. Medicina (Lithuania), 2019, 55, 663.	0.8	10
56	Nutritive value ofzostera marinaand cardon (pachycereus pringlei)as consumed by the Seri Indians in Sonora Mexico. Ecology of Food and Nutrition, 1985, 17, 165-174.	0.8	9
57	Prevalence of malnutrition and associated metabolic risk factors for cardiovascular disease in older adults from Northwest Mexico. Archives of Gerontology and Geriatrics, 2008, 46, 375-385.	1.4	9
58	An individualized food-based nutrition intervention reduces visceral and total body fat while preserving skeletal muscle mass in breast cancer patients under antineoplastic treatment. Clinical Nutrition, 2021, 40, 4394-4403.	2.3	9
59	Vitamin A Deficiency and Low Prevalence of Anemia in Yaqui Indian Children in Northwest Mexico.. Journal of Nutritional Science and Vitaminology, 1999, 45, 747-757.	0.2	8
60	Effectiveness of the Diabetes Prevention Program for Obesity Treatment in Real World Clinical Practice in a Middle-Income Country in Latin America. Nutrients, 2019, 11, 2324.	1.7	8
61	Effect of different calcium and phosphorus content in Mexican diets on rat femur bone growth and composition. Nutrition Research, 2000, 20, 427-437.	1.3	7
62	Estimation of Insulin Resistance in Mexican Adults by the [13C]Glucose Breath Test Corrected for Endogenous Total CO2Production. International Journal of Endocrinology, 2012, 2012, 1-7.	0.6	7
63	Bone Mineral Density Changes in Lactating Adolescent Mothers During the First Postpartum Year. American Journal of Human Biology, 2013, 25, 222-224.	0.8	7
64	Pinto Bean Amino Acid Digestibility and Score in a Mexican Dish with Corn Tortilla and Guacamole, Evaluated in Adults Using a Dual-Tracer Isotopic Method. Journal of Nutrition, 2021, 151, 3151-3157.	1.3	7
65	AntropometrÃa y composiciÃ³n corporal en personas mayores de 60 aÃ±os. Importancia de la actividad fÃsica. Salud Publica De Mexico, 1999, 41, 309-316.	0.1	7
66	Energy Utilization in Laying Hens. Poultry Science, 1980, 59, 2508-2513.	1.5	6
67	Dietary intake of sodium, potassium and blood pressure in lacto-ovo-vegetarians. Nutrition Research, 1995, 15, 819-830.	1.3	6
68	Study Design of the Maycoba Project: Obesity and Diabetes in Mexican Pimas. American Journal of Health Behavior, 2014, 38, 370-378.	0.6	6
69	Metabolic syndrome screening using visceral adipose tissue (VAT) from opportunistic MRI locations in a multi-ethnic population. Obesity Research and Clinical Practice, 2021, 15, 227-234.	0.8	6
70	Determination of body composition using air displacement plethysmography, anthropometry and bio-electrical impedance in rural elderly Mexican men and women. Journal of Nutrition, Health and Aging, 2004, 8, 344-9.	1.5	6
71	Translational study of obesity management using the Diabetes Prevention Program "Group Lifestyle Balance" in primary care clinics and public hospitals from Mexico: study protocol. Revista Espanola De Nutricion Humana Y Dietetica, 2017, 21, 369-383.	0.1	5
72	The usefulness of stable isotopes in nutrition and human health: the application of mass spectrometry and 13C-breath tests to detect helicobacter pylori infection. Archivos Latinoamericanos De Nutricion, 2004, 54, 27-43, 5-23.	0.3	4

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73	Sodium, potassium, and calcium intake in adults consuming normal diets in northern mexico determined by analytical and calculated methods. Journal of Food Composition and Analysis, 1992, 5, 127-133.	1.9	3
74	Protein Quality Evaluation in Rats of Typical Diets for 4- to 6-Year-Old Children from Different Socioeconomic Areas Living in Oaxaca, Mexico. Annals of Nutrition and Metabolism, 2001, 45, 19-23.	1.0	3
75	Body Fat Measurement by Air Displacement Plethysmography: Theory, Practice, Procedures, and Applications. , 2012, , 397-413.		3
76	A new doubly labelled water anthropometry-based equation for prediction of total daily energy expenditure in older people from low- and middle-income countries. European Journal of Clinical Nutrition, 2021, 75, 1618-1626.	1.3	3
77	Effect of Diet Composition on Protein Requirements of Children and Adults in Northern Mexico. Annals of Nutrition and Metabolism, 1993, 37, 90-100.	1.0	2
78	Colon cancer in rats and diet in the Sonoran desert region of Mexico. Archivos Latinoamericanos De Nutricion, 1996, 46, 33-7.	0.3	1
79	Systematic training in master swimmer athletes increases serum insulin growth factor-1 and decreases myostatin and irisin levels. Growth Factors, 2022, 40, 1-12.	0.5	1
80	Modernization of the livestock breeding system and the physical growth, functional development and dietary pattern of rural women in Sonora, Mexico. Ecology of Food and Nutrition, 1996, 35, 295-309.	0.8	0
81	INTERACCIÃ“N ENTRE GENÃ‰TICA Y ESTILO DE VIDA EN EL DESARROLLO DE LA DIABETES MELLITUS TIPO 2: EL ESTUDIO EN LOS INDIOS PIMA. Biotecnia, 2015, 17, 40.	0.1	0
82	Nuclear techniques in nutrition and health: importance and applications in developing regions. Forum of Nutrition, 2003, 56, 311-2.	3.7	0