

Katherine González-Ruiz

List of Publications by Year in descending order

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75
papers

1,032
citations

471371

17
h-index

552653

26
g-index

85
all docs

85
docs citations

85
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Different Doses of Exercise on Inflammation Markers Among Adolescents With Overweight/Obesity: HEPAFIT Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2619-e2627.	1.8	4
2	Abdominal aortic calcification is associated with decline in handgrip strength in the U.S. adult population ≥40 years of age. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1035-1043.	1.1	13
3	Serum leptin as a mediator of the influence of insulin resistance on hepatic steatosis in youths with excess adiposity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1308-1316.	1.1	6
4	Exercise dose on hepatic fat and cardiovascular health in adolescents with excess of adiposity. <i>Pediatric Obesity</i> , 2021, , e12869.	1.4	6
5	Muscle strength cut-offs for the detection of metabolic syndrome in a nonrepresentative sample of collegiate students from Colombia. <i>Journal of Sport and Health Science</i> , 2020, 9, 283-290.	3.3	15
6	Physical Fitness In Relation With Attention Capacity In Latin-american Youth With Overweight And Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 61-62.	0.2	0
7	Effects Of Different Types Of Exercise Programs And/or Nutritional Guidance On Body Fat And Muscle Mass Distribution In Overweight Adults: A Secondary Analysis Of A Randomized Controlled Trial. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 454-454.	0.2	1
8	The Effect of 12 Weeks of Different Exercise Training Modalities or Nutritional Guidance on Cardiometabolic Risk Factors, Vascular Parameters, and Physical Fitness in Overweight Adults: Cardiometabolic High-Intensity Interval Training-Resistance Training Randomized Controlled Study. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2178-2188.	1.0	9
9	Higher Cardiorespiratory Fitness Levels May Attenuate the Detrimental Association between Weight Status, Metabolic Phenotype and C-Reactive Protein in Adolescents—A Multi-Cohort Study. <i>Nutrients</i> , 2020, 12, 1461.	1.7	7
10	Physical fitness components in relation to attention capacity in Latin American youth with overweight and obesity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1188-1193.	1.3	8
11	Metabolic Syndrome and Its Associated Factors in Older Adults: A Secondary Analysis of SABE Colombia in 2015. <i>Metabolic Syndrome and Related Disorders</i> , 2020, 18, 389-398.	0.5	7
12	Normal-Weight Obesity Is Associated with Increased Cardiometabolic Risk in Young Adults. <i>Nutrients</i> , 2020, 12, 1106.	1.7	43
13	High-intensity Interval Training And Resistance Training Favor Higher Improves On Cardio-metabolic Health Outcomes Compared With Combined Training Or Nutritional Guidance In Overweight Adults: Cardiometabolic Hiit-rt Study, A Randomized Controlled Trial. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 801-801.	0.2	0
14	Validation of Surrogate Anthropometric Indices in Older Adults: What Is the Best Indicator of High Cardiometabolic Risk Factor Clustering?. <i>Nutrients</i> , 2019, 11, 1701.	1.7	25
15	Obesity- and Lipid-Related Parameters in the Identification of Older Adults with a High Risk of Prediabetes According to the American Diabetes Association: An Analysis of the 2015 Health, Well-Being, and Aging Study. <i>Nutrients</i> , 2019, 11, 2654.	1.7	48
16	Gait speed moderates the adverse effect of obesity on dependency in older Colombian adult. <i>Experimental Gerontology</i> , 2019, 127, 110732.	1.2	4
17	Handgrip strength attenuates the adverse effects of overweight on cardiometabolic risk factors among collegiate students but not in individuals with higher fat levels. <i>Scientific Reports</i> , 2019, 9, 6986.	1.6	16
18	Effects of kinesio taping alone versus sham taping in individuals with musculoskeletal conditions after intervention for at least one week: a systematic review and meta-analysis. <i>Physiotherapy</i> , 2019, 105, 412-420.	0.2	31

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19	Ideal Cardiovascular Health, Handgrip Strength, and Muscle Mass Among College Students: The FUPRECOL Adults Study. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 747-754.	1.0	13
20	Muscle mass to visceral fat ratio is an important predictor of the metabolic syndrome in college students. <i>British Journal of Nutrition</i> , 2019, 121, 330-339.	1.2	13
21	Validation of multi-frequency bioelectrical impedance analysis versus dual-energy X-ray absorptiometry to measure body fat percentage in overweight/obese Colombian adults. <i>American Journal of Human Biology</i> , 2018, 30, e23071.	0.8	19
22	Muscular Strength Attenuates Adverse Effects Of Overweight On Cardiometabolic Risk Factors But Not In Its Counterparts With Higher Fat Among Collegiate Students. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 292.	0.2	0
23	Normalized Grip Strength Thresholds for the Detection of Metabolic Syndrome in Colombian Collegiate Students. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 216.	0.2	0
24	Association of Muscular Fitness and Body Fatness with Cardiometabolic Risk Factors: The FUPRECOL Study. <i>Nutrients</i> , 2018, 10, 1742.	1.7	11
25	Grip Strength Moderates the Association between Anthropometric and Body Composition Indicators and Liver Fat in Youth with an Excess of Adiposity. <i>Journal of Clinical Medicine</i> , 2018, 7, 347.	1.0	11
26	Effects of an exercise program on hepatic metabolism, hepatic fat, and cardiovascular health in overweight/obese adolescents from Bogotá, Colombia (the HEPAFIT study): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 330.	0.7	14
27	Acute Effects of High Intensity, Resistance, or Combined Protocol on the Increase of Level of Neurotrophic Factors in Physically Inactive Overweight Adults: The BrainFit Study. <i>Frontiers in Physiology</i> , 2018, 9, 741.	1.3	38
28	Optimal Adherence to a Mediterranean Diet and High Muscular Fitness Are Associated with a Healthier Cardiometabolic Profile in Collegiate Students. <i>Nutrients</i> , 2018, 10, 511.	1.7	13
29	Use of dietary supplements by pregnant women in Colombia. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 117.	0.9	11
30	Active commuting to and from university, obesity and metabolic syndrome among Colombian university students. <i>BMC Public Health</i> , 2018, 18, 523.	1.2	26
31	Creencias y conocimientos relacionados a la práctica del autoexamen de mama en mujeres universitarias de Colombia: Un estudio descriptivo. <i>Revista Chilena De Obstetricia Y Ginecologia</i> , 2018, 83, 120-129.	0.1	1
32	Comparison of Bioelectrical Impedance Analysis, Slaughter Skinfold-Thickness Equations, and Dual-Energy X-ray Absorptiometry for Estimating Body Fat Percentage in Colombian Children and Adolescents with Excess of Adiposity. <i>Nutrients</i> , 2018, 10, 1086.	1.7	35
33	Fat-to-Muscle Ratio: A New Anthropometric Indicator as a Screening Tool for Metabolic Syndrome in Young Colombian People. <i>Nutrients</i> , 2018, 10, 1027.	1.7	30
34	Tri-Ponderal Mass Index vs. Fat Mass/Height ³ as a Screening Tool for Metabolic Syndrome Prediction in Colombian Children and Young People. <i>Nutrients</i> , 2018, 10, 412.	1.7	40
35	Effects of Exercise on Carotid Arterial Wall Thickness in Obese Pediatric Populations: A Meta-Analysis of Randomized Controlled Trials. <i>Childhood Obesity</i> , 2017, 13, 138-145.	0.8	22
36	Moderate Versus High Intensity Interval Exercise Training Reduce the Clinical Components of Metabolic Syndrome in Previously Physically Inactive Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 38.	0.2	0

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37	Effect of Moderate Versus High Intensity Interval Exercise Training on Heart Rate Variability Parameters in Inactive Latin-American Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 908-909.	0.2	0
38	Comparison of Three Adiposity Indexes and Cutoff Values to Predict Metabolic Syndrome Among University Students. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 363-370.	0.5	4
39	The Effects of Exercise on Abdominal Fat and Liver Enzymes in Pediatric Obesity: A Systematic Review and Meta-Analysis. <i>Childhood Obesity</i> , 2017, 13, 272-282.	0.8	48
40	Cardiorespiratory Fitness, Adiposity, and Cardiometabolic Risk Factors in Schoolchildren: The FUPRECOL Study. <i>Western Journal of Nursing Research</i> , 2017, 39, 1311-1329.	0.6	6
41	A Meta-analytic Approach To Determine The Effectiveness Of Exercise Interventions On Abdominal Fat And Liver Enzymes In Overweight And Obese Youth.. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 804-805.	0.2	0
42	Using LMS tables to determine waist circumference and waist-to-height ratios in Colombian children and adolescents: the FUPRECOL study. <i>BMC Pediatrics</i> , 2017, 17, 162.	0.7	14
43	Adiposity Parameters As A Full Mediation Of The Influence Of Muscular Fitness And Cardiometabolic Risk Clustering In Adults From Colombia. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 789.	0.2	0
44	Predictive Validity Of The Body Adiposity Index In Obese Adults Using Dual-Energy X-Ray Absorptiometry. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 257.	0.2	0
45	Percentage of Body Fat and Fat Mass Index as a Screening Tool for Metabolic Syndrome Prediction in Colombian University Students. <i>Nutrients</i> , 2017, 9, 1009.	1.7	71
46	A Cross-Sectional Study of the Prevalence of Metabolic Syndrome and Associated Factors in Colombian Collegiate Students: The FUPRECOL-Adults Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 233.	1.2	16
47	Self-Rated Health Status and Cardiorespiratory Fitness in a Sample of Schoolchildren from Bogotá, Colombia. The FUPRECOL Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 952.	1.2	6
48	Body Adiposity Index Performance in Estimating Body Fat Percentage in Colombian College Students: Findings from the FUPRECOL® Adults Study. <i>Nutrients</i> , 2017, 9, 40.	1.7	10
49	The Role of Body Adiposity Index in Determining Body Fat Percentage in Colombian Adults with Overweight or Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1093.	1.2	9
50	Fatness mediates the influence of muscular fitness on metabolic syndrome in Colombian collegiate students. <i>PLoS ONE</i> , 2017, 12, e0173932.	1.1	17
51	Arterial Stiffness Is Reduced Regardless Of Exercise Training In Obese Paediatric Populations. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 806.	0.2	0
52	The Effect Of Exercise Training On Mediators Of Inflammation In Breast Cancer Survivors. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 517.	0.2	0
53	Triceps and Subscapular Skinfold Thickness Percentiles and Cut-Offs for Overweight and Obesity in a Population-Based Sample of Schoolchildren and Adolescents in Bogota, Colombia. <i>Nutrients</i> , 2016, 8, 595.	1.7	17
54	Ferritin Levels in Colombian Children: Findings from the 2010 National Nutrition Survey (ENSIN). <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 405.	1.2	3

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55	Bioelectrical Impedance Vector Analysis and Muscular Fitness in Healthy Men. <i>Nutrients</i> , 2016, 8, 407.	1.7	32
56	Performance of Two Bioelectrical Impedance Analyses in the Diagnosis of Overweight and Obesity in Children and Adolescents: The FUPRECOL Study. <i>Nutrients</i> , 2016, 8, 575.	1.7	24
57	Predictive Validity of the Body Adiposity Index in Overweight and Obese Adults Using Dual-Energy X-ray Absorptiometry. <i>Nutrients</i> , 2016, 8, 737.	1.7	17
58	LMS tables for waist circumference and waist-to-height ratio in Colombian adults: analysis of nationwide data 2010. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 1189-1196.	1.3	13
59	Prevalence of Metabolic Syndrome in Colombian Children and Adolescents Aged 9-17 Years Using Three Different Pediatric Definitions. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 909.	0.2	0
60	High Muscular Fitness Has A Powerful Protective Cardiometabolic Effect. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 231.	0.2	0
61	Acute State Of Postprandial Lipemia Induces Changes In Heart Rate Variability In Healthy Adults. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 384.	0.2	0
62	Establishing Normative Reference Values For The 20-meter Shuttle-run Test Among Schoolchildren In Bogota, Colombia. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 777-778.	0.2	0
63	High Intensity Interval- vs Resistance or Combined- Training for Improving Cardiometabolic Health in Overweight Adults (Cardiometabolic HIIT-RT Study): study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 298.	0.7	18
64	Normative data for calcaneal broadband ultrasound attenuation among children and adolescents from Colombia: the FUPRECOL Study. <i>Archives of Osteoporosis</i> , 2016, 11, 2.	1.0	11
65	Lms Tables For Waist Circumference And Waist-height Ratio In Colombian Adults. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 774.	0.2	0
66	Reference Values For Standing Broad Jump In Colombian Schoolchildren. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 778.	0.2	2
67	Strength Capacity and Cardiometabolic Risk Clustering in Colombian young adult.. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 486.	0.2	0
68	Muscular Strength Level In Young Adults Aged 18 To 35 Years. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 927.	0.2	0
69	Utilidad del Índice de adiposidad corporal como indicador de obesidad y predictor de riesgo cardiovascular en adultos de Bogotá, Colombia. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2015, 62, 130-137.	0.8	15
70	Body adiposity index as marker of obesity and cardiovascular risk in adults from Bogotá, Colombia. <i>Endocrinología Y Nutrición (English Edition)</i> , 2015, 62, 130-137.	0.5	15
71	Evidence-based practice: beliefs, attitudes, knowledge, and skills among Colombian physical therapists. <i>Colombia Medica</i> , 2015, 46, 33-40.	0.7	18
72	Ferritin levels in pregnant Colombian women. <i>Nutricion Hospitalaria</i> , 2014, 31, 793-7.	0.2	5

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73	Estado actual de la investigación y principales barreras para la práctica basada en evidencia en fisioterapeutas colombianos. <i>Fisioterapia</i> , 2013, 35, 146-153.	0.2	10
74	Sex differences in the relationship between vigorous vs moderate intensity exercise and risk markers of overweight and obesity in healthy adults. <i>Endocrinología Y Nutrición (English Edition)</i> , 2012, 59, 491-495.	0.5	6
75	Valoración no invasiva de los niveles de β -carotenos en piel en adultos colombianos. <i>Endocrinología Y Nutrición: Organó De La Sociedad Española De Endocrinología Y Nutrición</i> , 2012, 59, 304-310.	0.8	0