

Alejandro Gomez-Bruton

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.

66

papers

824

citations

15

h-index

27

g-index

81

ext. papers

1,120

ext. citations

3.1

avg, IF

4.38

L-index

#	Paper	IF	Citations
66	Fat-free/lean body mass in children with insulin resistance or metabolic syndrome: a systematic review and meta-analysis.. <i>BMC Pediatrics</i> , 2022 , 22, 58	2.6	2
65	A cross-sectional analysis of the association between physical activity, depression, and all-cause mortality in Americans over 50 years old.. <i>Scientific Reports</i> , 2022 , 12, 2264	4.9	0
64	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. <i>Children</i> , 2022 , 9, 585	2.8	
63	Effects of an online home-based exercise intervention on breast cancer survivors during COVID-19 lockdown: a feasibility study.. <i>Supportive Care in Cancer</i> , 2022 , 1	3.9	1
62	Association of physical activity levels and prevalence of major degenerative diseases: Evidence from the national health and nutrition examination survey (NHANES) 1999-2018.. <i>Experimental Gerontology</i> , 2021 , 158, 111656	4.5	2
61	Does Acute Caffeine Supplementation Improve Physical Performance in Female Team-Sport Athletes? Evidence from a Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021 , 13,	6.7	2
60	Associations between Spanish children's physical activity and physical fitness with lean body mass: The CALINA study. <i>Journal of Sports Sciences</i> , 2021 , 1-12	3.6	
59	The finger flexors occlusion threshold in sport-climbers: an exploratory study on its indirect approximation. <i>European Journal of Sport Science</i> , 2021 , 21, 1234-1242	3.9	2
58	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
57	Impact of the COVID-19 Pandemic on Teacher Quality of Life: A Longitudinal Study from before and during the Health Crisis. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	36
56	How important is current physical fitness for future quality of life? Results from an 8-year longitudinal study on older adults. <i>Experimental Gerontology</i> , 2021 , 149, 111301	4.5	3
55	Quantitative peripheral computed tomography to measure muscle area and assess lean soft tissue mass in children. <i>Annals of Human Biology</i> , 2021 , 48, 93-100	1.7	
54	Can Physical Activity Reduce the Risk of Cognitive Decline in Apolipoprotein e4 Carriers? A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
53	Is it important to achieve physical activity recommendations at early stages of life to improve bone health?. <i>Osteoporosis International</i> , 2021 , 33, 1017	5.3	
52	The effects of Age, Organized Physical Activity and Sedentarism on Fitness in Older Adults: An 8-Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
51	Association Between Physical Fitness and Bone Strength and Structure in 3- to 5-Year-Old Children. <i>Sports Health</i> , 2020 , 12, 431-440	4.7	7
50	Validación de los cuestionarios PAQ-C e IPAQ-A en niños/as en edad escolar. <i>Cultura, Ciencia Y Deporte</i> , 2020 , 15, 177-187	0.5	2

49	Effects of whole-body vibration training on bone density and turnover markers in adolescent swimmers. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020 , 33, 623-630	1.6	4
48	Role of Dietary Intake and Serum 25(OH)D on the Effects of a Multicomponent Exercise Program on Bone Mass and Structure of Frail and Pre-Frail Older Adults. <i>Nutrients</i> , 2020 , 12,	6.7	2
47	Associations between Physical Fitness, Bone Mass, and Structure in Older People. <i>BioMed Research International</i> , 2020 , 2020, 6930682	3	1
46	Assessment of Active Video Games Energy Expenditure in Children with Overweight and Obesity and Differences by Gender. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
45	Nonspecific Resistance Training and Swimming Performance: Strength or Power? A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2020 ,	3.2	2
44	Low interest in physical activity and higher rates of obesity among rural teachers. <i>Work</i> , 2020 , 67, 1015-1022	10.2	8
43	Authors Reply: Veganism, vegetarianism, bone mineral density, and fracture risk: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2019 , 77, 452-453	6.4	1
42	The muscle-bone unit in adolescent swimmers. <i>Osteoporosis International</i> , 2019 , 30, 1079-1088	5.3	1
41	Associations of dietary energy density with body composition and cardiometabolic risk in children with overweight and obesity: role of energy density calculations, under-reporting energy intake and physical activity. <i>British Journal of Nutrition</i> , 2019 , 121, 1057-1068	3.6	5
40	Influence of different playing surfaces on bone mass accretion in male adolescent football players: A one-season study. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2019 , 233, 536-547	0.7	
39	Long-Term Effects of Whole-Body Vibration in Trained Adolescent Swimmers: Does It Increase Strength, Power, and Swimming Performance?. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 1-7	3.5	2
38	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019 , 67, 153-161	2.6	3
37	Plantar pressures in male adolescent soccer players and its associations with bone geometry and strength. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 1716-1723	1.4	
36	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 2875-2881	3.2	13
35	Accurate Prediction Equation to Assess Body Fat in Male and Female Adolescent Football Players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019 , 29, 297-302	4.4	8
34	Veganism, vegetarianism, bone mineral density, and fracture risk: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2019 , 77, 1-18	6.4	68
33	Estimation of Peak Muscle Power From a Countermovement Vertical Jump in Children and Adolescents. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 390-398	3.2	8
32	Swimming and peak bone mineral density: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2018 , 36, 365-377	3.6	12

31	Effects of Whole Body Vibration on Tibia Strength and Structure of Competitive Adolescent Swimmers: A Randomized Controlled Trial. <i>PM and R</i> , 2018 , 10, 889-897	2.2	5
30	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018 , 13, 11	2.9	3
29	Soccer helps build strong bones during growth: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 2018 , 177, 295-310	4.1	23
28	Bone geometry in young male and female football players: a peripheral quantitative computed tomography (pQCT) study. <i>Archives of Osteoporosis</i> , 2018 , 13, 57	2.9	6
27	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018 , 2018, 5178284	3	10
26	Hanging ability in climbing: an approach by finger hangs on adjusted depth edges in advanced and elite sport climbers. <i>International Journal of Performance Analysis in Sport</i> , 2018 , 18, 437-450	1.8	3
25	Percentage of body fat in adolescents with Down syndrome: Estimation from skinfolds. <i>Disability and Health Journal</i> , 2017 , 10, 100-104	4.2	8
24	Plyometric exercise and bone health in children and adolescents: a systematic review. <i>World Journal of Pediatrics</i> , 2017 , 13, 112-121	4.6	36
23	Assessing Fat Mass of Adolescent Swimmers Using Anthropometric Equations: A DXA Validation Study. <i>Research Quarterly for Exercise and Sport</i> , 2017 , 88, 230-236	1.9	2
22	Relationship between Vitamin D Levels and Bone Tissue in Adolescents with and without Down Syndrome. <i>Journal of Developmental and Physical Disabilities</i> , 2017 , 29, 611-624	1.5	
21	Do 6 months of whole-body vibration training improve lean mass and bone mass acquisition of adolescent swimmers?. <i>Archives of Osteoporosis</i> , 2017 , 12, 69	2.9	8
20	Longitudinal effects of swimming on bone in adolescents: a pQCT and DXA study. <i>Biology of Sport</i> , 2017 , 34, 361-370	4.3	3
19	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017 , 34, 1119-1124	1	12
18	Does The Aging Process Influence The Agility Performance In Old People?. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1089	1.2	
17	Swimming and bone: Is low bone mass due to hypogravity alone or does other physical activity influence it?. <i>Osteoporosis International</i> , 2016 , 27, 1785-93	5.3	16
16	Bone structure of adolescent swimmers; a peripheral quantitative computed tomography (pQCT) study. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 707-12	4.4	9
15	The Effect of Swimming During Childhood and Adolescence on Bone Mineral Density: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016 , 46, 365-79	10.6	45
14	The effects of swimming training on bone tissue in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e589-602	4.6	24

13	VALIDITY OF A FOOD-FREQUENCY QUESTIONNAIRE FOR ESTIMATING CALCIUM INTAKE IN ADOLESCENT SWIMMERS. <i>Nutricion Hospitalaria</i> , 2015 , 32, 1773-9	1	8
12	Effect of whole-body vibration therapy on health-related physical fitness in children and adolescents with disabilities: a systematic review. <i>Journal of Adolescent Health</i> , 2014 , 54, 385-96	5.8	44
11	Effects of a short-term whole body vibration intervention on bone mass and structure in elderly people. <i>Journal of Science and Medicine in Sport</i> , 2014 , 17, 160-4	4.4	32
10	Efectos del entrenamiento pliométrico sobre la resistencia cardiorrespiratoria de niños y adolescentes con síndrome de Down. <i>Revista Médica Internacional Sobre El Síndrome De Down</i> , 2014 , 18, 35-42		3
9	Swimming training repercussion on metabolic and structural bone development; benefits of the incorporation of whole body vibration or pilometric training; the RENACIMIENTO project. <i>Nutricion Hospitalaria</i> , 2014 , 30, 399-409	1	14
8	Effects of whole body vibration training on body composition in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2013 , 34, 1426-33	2.7	23
7	Is bone tissue really affected by swimming? A systematic review. <i>PLoS ONE</i> , 2013 , 8, e70119	3.7	67
6	Do calcium and vitamin D intake influence the effect of cycling on bone mass through adolescence?. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1136-9	1	5
5	The nutritional status in adolescent Spanish cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1184-9	1	5
4	A 21-week bone deposition promoting exercise programme increases bone mass in young people with Down syndrome. <i>Developmental Medicine and Child Neurology</i> , 2012 , 54, 552-6	3.3	41
3	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012 , 10, 168	11.4	62
2	Fat and lean masses in youths with Down syndrome: gender differences. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1685-93	2.7	54
1	A combined training intervention programme increases lean mass in youths with Down syndrome. <i>Research in Developmental Disabilities</i> , 2011 , 32, 2383-8	2.7	40