Alejandro Gomez-Bruton

List of Publications by Citations

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	Veganism, vegetarianism, bone mineral density, and fracture risk: a systematic review and meta-analysis. *Nutrition Reviews*, **2019**, 77, 1-18	6.4	68
65	Is bone tissue really affected by swimming? A systematic review. *PLoS ONE*, **2013**, 8, e70119	3.7	67
64	Cycling and bone health: a systematic review. *BMC Medicine*, **2012**, 10, 168	11.4	62
63	Fat and lean masses in youths with Down syndrome: gender differences. *Research in Developmental Disabilities*, **2011**, 32, 1685-93	2.7	54
62	The Effect of Swimming During Childhood and Adolescence on Bone Mineral Density: A Systematic Review and Meta-Analysis. *Sports Medicine*, **2016**, 46, 365-79	10.6	45
61	Effect of whole-body vibration therapy on health-related physical fitness in children and adolescents with disabilities: a systematic review. *Journal of Adolescent Health*, **2014**, 54, 385-96	5.8	44
60	A 21-week bone deposition promoting exercise programme increases bone mass in young people with Down syndrome. *Developmental Medicine and Child Neurology*, **2012**, 54, 552-6	3.3	41
59	A combined training intervention programme increases lean mass in youths with Down syndrome. *Research in Developmental Disabilities*, **2011**, 32, 2383-8	2.7	40
58	Plyometric exercise and bone health in children and adolescents: a systematic review. *World Journal of Pediatrics*, **2017**, 13, 112-121	4.6	36
57	Impact of the COVID-19 Pandemic on Teacher Quality of Life: A Longitudinal Study from before and during the Health Crisis. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	36
56	Effects of a short-term whole body vibration intervention on bone mass and structure in elderly people. *Journal of Science and Medicine in Sport*, **2014**, 17, 160-4	4.4	32
55	The effects of swimming training on bone tissue in adolescence. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25, e589-602	4.6	24
54	Soccer helps build strong bones during growth: a systematic review and meta-analysis. *European Journal of Pediatrics*, **2018**, 177, 295-310	4.1	23
53	Effects of whole body vibration training on body composition in adolescents with Down syndrome. *Research in Developmental Disabilities*, **2013**, 34, 1426-33	2.7	23
52	Swimming and bone: Is low bone mass due to hypogravity alone or does other physical activity influence it?. *Osteoporosis International*, **2016**, 27, 1785-93	5.3	16
51	Swimming training repercussion on metabolic and structural bone development; benefits of the incorporation of whole body vibration or pilometric training; the RENACIMIENTO project. *Nutricion Hospitalaria*, **2014**, 30, 399-409	1	14
50	Swim-Specific Resistance Training: A Systematic Review. *Journal of Strength and Conditioning Research*, **2019**, 33, 2875-2881	3.2	13

49	Swimming and peak bone mineral density: A systematic review and meta-analysis. *Journal of Sports Sciences*, **2018**, 36, 365-377	3.6	12
48	Body fat percentage comparisons between four methods in young football players: are they comparable?. *Nutricion Hospitalaria*, **2017**, 34, 1119-1124	1	12
47	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. *BioMed Research International*, **2018**, 2018, 5178284	3	10
46	Bone structure of adolescent swimmers; a peripheral quantitative computed tomography (pQCT) study. *Journal of Science and Medicine in Sport*, **2016**, 19, 707-12	4.4	9
45	Percentage of body fat in adolescents with Down syndrome: Estimation from skinfolds. *Disability and Health Journal*, **2017**, 10, 100-104	4.2	8
44	The effects of Age, Organized Physical Activity and Sedentarism on Fitness in Older Adults: An 8-Year Longitudinal Study. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	8
43	Do 6´months of whole-body vibration training improve lean mass and bone mass acquisition of adolescent swimmers?. *Archives of Osteoporosis*, **2017**, 12, 69	2.9	8
42	VALIDITY OF A FOOD-FREQUENCY QUESTIONNAIRE FOR ESTIMATING CALCIUM INTAKE IN ADOLESCENT SWIMMERS. *Nutricion Hospitalaria*, **2015**, 32, 1773-9	1	8
41	Low interest in physical activity and higher rates of obesity among rural teachers. *Work*, **2020**, 67, 1015-1022	1.2	8
40	Accurate Prediction Equation to Assess Body Fat in Male and Female Adolescent Football Players. *International Journal of Sport Nutrition and Exercise Metabolism*, **2019**, 29, 297-302	4.4	8
39	Estimation of Peak Muscle Power From a Countermovement Vertical Jump in Children and Adolescents. *Journal of Strength and Conditioning Research*, **2019**, 33, 390-398	3.2	8
38	Association Between Physical Fitness and Bone Strength and Structure in 3- to 5-Year-Old Children. *Sports Health*, **2020**, 12, 431-440	4.7	7
37	Bone geometry in young male and female football players: a peripheral quantitative computed tomography (pQCT) study. *Archives of Osteoporosis*, **2018**, 13, 57	2.9	6
36	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. *British Journal of Nutrition*, **2019**, 121, 1057-1068	3.6	5
35	Effects of Whole Body Vibration on Tibia Strength and Structure of´Competitive Adolescent Swimmers: A Randomized Controlled˙Trial. *PM and R*, **2018**, 10, 889-897	2.2	5
34	Do calcium and vitamin D intake influence the effect of cycling on bone mass through adolescence?. *Nutricion Hospitalaria*, **2013**, 28, 1136-9	1	5
33	The nutritional status in adolescent Spanish cyclists. *Nutricion Hospitalaria*, **2013**, 28, 1184-9	1	5
32	Effects of whole-body vibration training on bone density and turnover markers in adolescent swimmers. *Journal of Pediatric Endocrinology and Metabolism*, **2020**, 33, 623-630	1.6	4

31	Assessment of Active Video GamesRREnergy Expenditure in Children with Overweight and Obesity and Differences by Gender. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	4
30	Bone metabolism markers and vitamin D in adolescent cyclists. *Archives of Osteoporosis*, **2018**, 13, 11	2.9	3
29	Longitudinal effects of swimming on bone in adolescents: a pQCT and DXA study. *Biology of Sport*, **2017**, 34, 361-370	4.3	3
28	Efectos del entrenamiento pliomTrico sobre la resistencia cardiorrespiratoria de niDos y adolescentes con sTndrome de Down. *Revista MTdica Internacional Sobre El STndrome De Down*, **2014**, 18, 35-42		3
27	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. *Journal of Human Kinetics*, **2019**, 67, 153-161	2.6	3
26	How important is current physical fitness for future quality of life? Results from an 8-year longitudinal study on older adults. *Experimental Gerontology*, **2021**, 149, 111301	4.5	3
25	Hanging ability in climbing: an approach by finger hangs on adjusted depth edges in advanced and elite sport climbers. *International Journal of Performance Analysis in Sport*, **2018**, 18, 437-450	1.8	3
24	Assessing Fat Mass of Adolescent Swimmers Using Anthropometric Equations: A DXA Validation Study. *Research Quarterly for Exercise and Sport*, **2017**, 88, 230-236	1.9	2
23	Fat-free/lean body mass in children with insulin resistance or metabolic syndrome: a systematic review and meta-analysis.. *BMC Pediatrics*, **2022**, 22, 58	2.6	2
22	ValidaciT de los cuestionarios PAQ-C e IPAQ-A en niDos/as en edad escolar. *Cultura, Ciencia Y Deporte*, **2020**, 15, 177-187	0.5	2
21	Long-Term Effects of Whole-Body Vibration in Trained Adolescent Swimmers: Does It Increase Strength, Power, and Swimming Performance?. *International Journal of Sports Physiology and Performance*, **2019**, 1-7	3.5	2
20	Association of physical activity levels and prevalence of major degenerative diseases: Evidence from the national health and nutrition examination survey (NHANES) 1999-2018.. *Experimental Gerontology*, **2021**, 158, 111656	4.5	2
19	Does Acute Caffeine Supplementation Improve Physical Performance in Female Team-Sport Athletes? Evidence from a Systematic Review and Meta-Analysis. *Nutrients*, **2021**, 13,	6.7	2
18	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. *Nutrients*, **2020**, 12,	6.7	2
17	The finger flexors occlusion threshold in sport-climbers: an exploratory study on its indirect approximation. *European Journal of Sport Science*, **2021**, 21, 1234-1242	3.9	2
16	Nonspecific Resistance Training and Swimming Performance: Strength or Power? A Systematic Review. *Journal of Strength and Conditioning Research*, **2020**,	3.2	2
15	Can Physical Activity Reduce the Risk of Cognitive Decline in Apolipoprotein e4 Carriers? A Systematic Review. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	2
14	AuthorsRReply: Veganism, vegetarianism, bone mineral density, and fracture risk: a systematic review and meta-analysis. *Nutrition Reviews*, **2019**, 77, 452-453	6.4	1

13	The muscle-bone unit in adolescent swimmers. *Osteoporosis International*, **2019**, 30, 1079-1088	5.3	1
12	Associations between Physical Fitness, Bone Mass, and Structure in Older People. *BioMed Research International*, **2020**, 2020, 6930682	3	1
11	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
10	Effects of an online home-based exercise intervention on breast cancer survivors during COVID-19 lockdown: a feasibility study.. *Supportive Care in Cancer*, **2022**, 1	3.9	1
9	A cross-sectional analysis of the association between physical activity, depression, and all-cause mortality in Americans over 50´years old.. *Scientific Reports*, **2022**, 12, 2264	4.9	0
8	Relationship between Vitamin D Levels and Bone Tissue in Adolescents with and without Down Syndrome. *Journal of Developmental and Physical Disabilities*, **2017**, 29, 611-624	1.5	
7	Influence of different playing surfaces on bone mass accretion in male adolescent football players: A one-season study. *Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology*, **2019**, 233, 536-547	0.7	
6	Plantar pressures in male adolescent soccer players and its associations with bone geometry and strength. *Journal of Sports Medicine and Physical Fitness*, **2019**, 59, 1716-1723	1.4	
5	Associations between Spanish children's physical activity and physical fitness with lean body mass: The CALINA study. *Journal of Sports Sciences*, **2021**, 1-12	3.6	
4	Does The Aging Process Influence The Agility Performance In Old People?. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1089	1.2	
3	Quantitative peripheral computed tomography to measure muscle area and assess lean soft tissue mass in children. *Annals of Human Biology*, **2021**, 48, 93-100	1.7	
2	Is it important to achieve physical activity recommendations at early stages of life to improve bone health?. *Osteoporosis International*, **2021**, 33, 1017	5.3	
1	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. *Children*, **2022**, 9, 585	2.8	