

Alejandro Gonzalez-Aguero

List of Publications by Citations

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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.

60
papers

1,179
citations

21
h-index

33
g-index

71
ext. papers

1,434
ext. citations

3.2
avg, IF

4.28
L-index

#	Paper	IF	Citations
60	Effects of training on bone mass in older adults: a systematic review. <i>Sports Medicine</i> , 2012 , 42, 301-25	10.6	199
59	Is bone tissue really affected by swimming? A systematic review. <i>PLoS ONE</i> , 2013 , 8, e70119	3.7	67
58	Health-related physical fitness in children and adolescents with Down syndrome and response to training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010 , 20, 716-24	4.6	67
57	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012 , 10, 168	11.4	62
56	Fat and lean masses in youths with Down syndrome: gender differences. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1685-93	2.7	54
55	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
54	Bone mass in male and female children and adolescents with Down syndrome. <i>Osteoporosis International</i> , 2011 , 22, 2151-7	5.3	45
53	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
52	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
51	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
50	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
49	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
48	Bone related health status in adolescent cyclists. <i>PLoS ONE</i> , 2011 , 6, e24841	3.7	30
47	Static standing balance in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012 , 33, 1294-300	2.7	27
46	Cortical and trabecular bone at the radius and tibia in male and female adolescents with Down syndrome: a peripheral quantitative computed tomography (pQCT) study. <i>Osteoporosis International</i> , 2013 , 24, 1035-44	5.3	26
45	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
44	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

43	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
42	Accuracy of prediction equations to assess percentage of body fat in children and adolescents with Down syndrome compared to air displacement plethysmography. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1764-9	2.7	23
41	Effect of whole body vibration training on bone mineral density and bone quality in adolescents with Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2015 , 26, 2449-59	5.3	22
40	Decreased levels of physical activity in adolescents with down syndrome are related with low bone mineral density: a cross-sectional study. <i>BMC Endocrine Disorders</i> , 2013 , 13, 22	3.3	21
39	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013 , 74, 276-8	5	18
38	Effects of whole body vibration training on balance in adolescents with and without Down syndrome. <i>Research in Developmental Disabilities</i> , 2013 , 34, 3057-65	2.7	17
37	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1151-5	1	15
36	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
35	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 2875-2881	3.2	13
34	Effect of whole-body vibration training on bone mass in adolescents with and without Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2016 , 27, 181-91	5.3	12
33	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
32	Fat mass influence on bone mass is mediated by the independent association between lean mass and bone mass among elderly women: a cross-sectional study. <i>Maturitas</i> , 2013 , 74, 44-53	5	10
31	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018 , 2018, 5178284	3	10
30	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
29	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
28	Establishing a Global Standard for Wearable Devices in Sport and Fitness: Perspectives from the New England Chapter of the American College of Sports Medicine Members. <i>Current Sports Medicine Reports</i> , 2020 , 19, 45-49	1.9	7
27	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
26	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

25	Body Composition in Spanish Soccer Referees. <i>Measurement and Control</i> , 2014 , 47, 178-184	1.5	6
24	Bone Structure and Geometric Properties at the Radius and Tibia in Adolescent Endurance-Trained Cyclists. <i>Clinical Journal of Sport Medicine</i> , 2017 , 27, 69-77	3.2	5
23	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
22	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
21	The nutritional status in adolescent Spanish cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1184-9	1	5
20	Body Fat in elite Spanish football referees and assistants: A 1-year follow-up study. <i>Apunts Medicine De L'Esport</i> , 2016 , 51, 21-26	0.6	4
19	Physical activity and bone mineral density at the femoral neck subregions in adolescents with Down syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017 , 30, 1075-1082	1.6	4
18	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
17	Effects of a short-term whole body vibration intervention on lean mass in elderly people. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1255-8	1	4
16	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
15	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018 , 13, 11	2.9	3
14	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
13	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019 , 67, 153-161	2.6	3
12	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
11	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
10	Inter-methods agreement for the assessment of percentage of body fat between two laboratory methods in male adolescent cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1049-52	1	2
9	Mejoras de la condici3n cardiorrespiratoria en j3venes con s3ndrome de Down mediante entrenamiento aer3bico: estudio longitudinal. <i>Apunts Medicine De L'Esport</i> , 2012 , 47, 49-54	0.6	1
8	Ciclisme i salut 3sica de l3dolecent. <i>Apunts Medicine De L'Esport</i> , 2012 , 47, 169	0.6	1

7	Effects of Active Video Games on Health-Related Physical Fitness and Motor Competence in Children and Adolescents With Overweight or Obesity: Systematic Review and Meta-Analysis. <i>JMIR Serious Games</i> , 2021 , 9, e29981	3.4	1
6	Establishing a Global Standard for Wearable Devices in Sport and Exercise Medicine: Perspectives from Academic and Industry Stakeholders. <i>Sports Medicine</i> , 2021 , 51, 2237-2250	10.6	1
5	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	
4	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	
3	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	
2	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	
1	Factors affecting children and adolescents 50 meter performance in freestyle swimming. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016 , 56, 1439-1447	1.4	