

Jos Antonio Casajs Malln

List of Publications by Citations

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153
papers

2,964
citations

32
h-index

49
g-index

181
ext. papers

3,812
ext. citations

3.6
avg, IF

5.5
L-index

#	Paper	IF	Citations
153	Effects of training on bone mass in older adults: a systematic review. <i>Sports Medicine</i> , 2012 , 42, 301-25	10.6	199
152	COVID-19 Confinement and Health Risk Behaviors in Spain. <i>Frontiers in Psychology</i> , 2020 , 11, 1426	3.4	115
151	Health-Related Behaviors Among School-Aged Children and Adolescents During the Spanish Covid-19 Confinement. <i>Frontiers in Pediatrics</i> , 2020 , 8, 573	3.4	100
150	Secular trends in health-related physical fitness in Spanish adolescents: the AVENA and HELENA studies. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 584-8	4.4	98
149	Associations of muscular and cardiorespiratory fitness with total and central body fat in adolescents: the HELENA study. <i>British Journal of Sports Medicine</i> , 2011 , 45, 101-8	10.3	70
148	Adiposity, physical activity, and physical fitness among children from Aragón, Spain. <i>Obesity</i> , 2007 , 15, 1918-24	8	70
147	Is bone tissue really affected by swimming? A systematic review. <i>PLoS ONE</i> , 2013 , 8, e70119	3.7	67
146	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
145	Impact of methodological decisions on accelerometer outcome variables in young children. <i>International Journal of Obesity</i> , 2011 , 35 Suppl 1, S98-103	5.5	64
144	Association Between Current Physical Activity and Current Perceived Anxiety and Mood in the Initial Phase of COVID-19 Confinement. <i>Frontiers in Psychiatry</i> , 2020 , 11, 729	5	63
143	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012 , 10, 168	11.4	62
142	Prevalence of overweight and obesity in non-institutionalized people aged 65 or over from Spain: the elderly EXERNET multi-centre study. <i>Obesity Reviews</i> , 2011 , 12, 583-92	10.6	62
141	Potential health-related behaviors for pre-school and school-aged children during COVID-19 lockdown: A narrative review. <i>Preventive Medicine</i> , 2021 , 143, 106349	4.3	61
140	Physical fitness effect on bone mass is mediated by the independent association between lean mass and bone mass through adolescence: a cross-sectional study. <i>Journal of Bone and Mineral Metabolism</i> , 2008 , 26, 288-94	2.9	60
139	Immediate Impact of the COVID-19 Confinement on Physical Activity Levels in Spanish Adults. <i>Sustainability</i> , 2020 , 12, 5708	3.6	55
138	Seasonal variation in fitness variables in professional soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2001 , 41, 463-9	1.4	55
137	Fat and lean masses in youths with Down syndrome: gender differences. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1685-93	2.7	54

136	Effect of fitness and physical activity on bone mass in adolescents: the HELENA Study. <i>European Journal of Applied Physiology</i> , 2011 , 111, 2671-80	3.4	52
135	Physical fitness in rural and urban children and adolescents from Spain. <i>Journal of Science and Medicine in Sport</i> , 2011 , 14, 417-23	4.4	50
134	Physical fitness levels among independent non-institutionalized Spanish elderly: the elderly EXERNET multi-center study. <i>Archives of Gerontology and Geriatrics</i> , 2012 , 55, 406-16	4	46
133	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
132	Bone mass in male and female children and adolescents with Down syndrome. <i>Osteoporosis International</i> , 2011 , 22, 2151-7	5.3	45
131	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
130	Impact of COVID-19 Confinement on Physical Activity and Sedentary Behaviour in Spanish University Students: Role of Gender. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	43
129	Independent and combined effect of nutrition and exercise on bone mass development. <i>Journal of Bone and Mineral Metabolism</i> , 2008 , 26, 416-24	2.9	42
128	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
127	Combined effects of interaction between physical activity and nutrition on bone health in children and adolescents: a systematic review. <i>Nutrition Reviews</i> , 2015 , 73, 127-39	6.4	40
126	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
125	Sitting time increases the overweight and obesity risk independently of walking time in elderly people from Spain. <i>Maturitas</i> , 2012 , 73, 337-43	5	39
124	Higher levels of physical fitness are associated with a reduced risk of suffering sarcopenic obesity and better perceived health among the elderly: the EXERNET multi-center study. <i>Journal of Nutrition, Health and Aging</i> , 2015 , 19, 211-7	5.2	38
123	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
122	The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection. <i>International Journal of Obesity</i> , 2011 , 35 Suppl 1, S79-87	5.5	34
121	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
120	Cardiometabolic risk through an integrative classification combining physical activity and sedentary behavior in European adolescents: HELENA study. <i>Journal of Sport and Health Science</i> , 2019 , 8, 55-62	8.2	32
119	Bone related health status in adolescent cyclists. <i>PLoS ONE</i> , 2011 , 6, e24841	3.7	30

118	Whole-body vibration increases upper and lower body muscle activity in older adults: potential use of vibration accessories. <i>Journal of Electromyography and Kinesiology</i> , 2012 , 22, 456-62	2.5	28
117	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. <i>Clinical Nutrition</i> , 2017 , 36, 1558-1566	5.9	27
116	Static standing balance in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012 , 33, 1294-300	2.7	27
115	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
114	Validity of hip-mounted uniaxial accelerometry with heart-rate monitoring vs. triaxial accelerometry in the assessment of free-living energy expenditure in young children: the IDEFICS Validation Study. <i>Journal of Applied Physiology</i> , 2012 , 113, 1530-6	3.7	24
113	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
112	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
111	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
110	Cardiorespiratory fitness in adolescents before and after the COVID-19 confinement: a prospective cohort study. <i>European Journal of Pediatrics</i> , 2021 , 180, 2287-2293	4.1	23
109	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
108	Influence of running stride frequency in heart rate variability analysis during treadmill exercise testing. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 1796-805	5	22
107	Validity of the V-cut Test for Young Basketball Players. <i>International Journal of Sports Medicine</i> , 2015 , 36, 893-9	3.6	21
106	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
105	Validation of the self-report EXERNET questionnaire for measuring physical activity and sedentary behavior in elderly. <i>Archives of Gerontology and Geriatrics</i> , 2017 , 69, 156-161	4	20
104	Is the SenseWear Armband accurate enough to quantify and estimate energy expenditure in healthy adults?. <i>Annals of Translational Medicine</i> , 2017 , 5, 97	3.2	20
103	Socioeconomic status and bone mass in Spanish adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012 , 50, 484-90	5.8	19
102	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013 , 74, 276-8	5	18
101	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

100	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
99	Adolescent female soccer players' soccer-specific warm-up effects on performance and inter-limb asymmetries. <i>Biology of Sport</i> , 2019 , 36, 199-207	4.3	15
98	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1151-5	1	15
97	Frailty and Physical Fitness in Elderly People: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021 , 51, 143-160	10.6	15
96	Impact of the choice of threshold on physical activity patterns in free living conditions among adolescents measured using a uniaxial accelerometer: the HELENA study. <i>Journal of Sports Sciences</i> , 2014 , 32, 110-5	3.6	14
95	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
94	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 2875-2881	3.2	13
93	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
92	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
91	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017 , 34, 1119-1124	1	12
90	Methodological framework for heart rate variability analysis during exercise: application to running and cycling stress testing. <i>Medical and Biological Engineering and Computing</i> , 2018 , 56, 781-794	3.1	11
89	High leisure-time physical activity reduces the risk of long-term sickness absence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 939-946	4.6	11
88	Harmonization process and reliability assessment of anthropometric measurements in the elderly EXERNET multi-centre study. <i>PLoS ONE</i> , 2012 , 7, e41752	3.7	10
87	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
86	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018 , 2018, 5178284	3	10
85	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
84	Effect of endurance and resistance training on regional fat mass and lipid profile. <i>Nutricion Hospitalaria</i> , 2013 , 28, 340-6	1	9
83	'Fat but powerful' paradox: association of muscle power and adiposity markers with all-cause mortality in older adults from the EXERNET multicentre study. <i>British Journal of Sports Medicine</i> , 2021 , 55, 1204-1211	10.3	9

82	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
81	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
80	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
79	VALIDITY OF A FOOD-FREQUENCY QUESTIONNAIRE FOR ESTIMATING CALCIUM INTAKE IN ADOLESCENT SWIMMERS. <i>Nutricion Hospitalaria</i> , 2015 , 32, 1773-9	1	8
78	Relative sit-to-stand power: aging trajectories, functionally relevant cut-off points, and normative data in a large European cohort. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 921-932	10.3	8
77	Effects of Combined Strength and Power Training on Physical Performance and Interlimb Asymmetries in Adolescent Female Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2020 , 1-9	3.5	7
76	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
75	How to Improve the Functional Capacity of Frail and Pre-Frail Elderly People? Health, Nutritional Status and Exercise Intervention. The EXERNET-Elder 3.0 Project. <i>Sustainability</i> , 2020 , 12, 6246	3.6	7
74	Integrating Transwomen and Female Athletes with Differences of Sex Development (DSD) into Elite Competition: The FIMS 2021 Consensus Statement. <i>Sports Medicine</i> , 2021 , 51, 1401-1415	10.6	7
73	Reliability and sensitivity of jumping, linear sprinting and change of direction ability tests in adolescent female football players. <i>Science and Medicine in Football</i> , 2019 , 3, 183-190	2.7	7
72	Vigorous physical activity patterns affect bone growth during early puberty in boys. <i>Osteoporosis International</i> , 2018 , 29, 2693-2701	5.3	7
71	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
70	Influence of hard vs. soft ground surfaces on bone accretion in prepubertal footballers. <i>International Journal of Sports Medicine</i> , 2014 , 35, 55-61	3.6	6
69	Physical activity, hydration and health. <i>Nutricion Hospitalaria</i> , 2014 , 29, 1224-39	1	6
68	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
67	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
66	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
65	Electrocardiogram-Derived Tidal Volume During Treadmill Stress Test. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 193-202	5	5

64	Response to the United Nations Human Rights Council's Report on Race and Gender Discrimination in Sport: An Expression of Concern and a Call to Prioritise Research. <i>Sports Medicine</i> , 2021 , 51, 839-842	10.6	5
63	The nutritional status in adolescent Spanish cyclists. <i>Nutricion Hospitalaria</i> , 2013 , 28, 1184-9	1	5
62	Body fat in elite Spanish football referees and assistants: A 1-year follow-up study. <i>Apunts Medicina De L'esport</i> , 2016 , 51, 21-26	0.6	4
61	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
60	Influences of physical fitness on bone mass in women with fibromyalgia. <i>Adapted Physical Activity Quarterly</i> , 2015 , 32, 125-36	1.7	4
59	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
58	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
57	Association between physical activity and sickness absenteeism in university workers. <i>Occupational Medicine</i> , 2020 , 70, 24-30	2.1	4
56	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
55	Impact of the Home Confinement Related to COVID-19 on the Device-Assessed Physical Activity and Sedentary Patterns of Spanish Older Adults. <i>BioMed Research International</i> , 2021 , 2021, 5528866	3	4
54	ACTN3 R577X polymorphism related to sarcopenia and physical fitness in active older women. <i>Climacteric</i> , 2021 , 24, 89-94	3.1	4
53	Obese and unfit students dislike physical education in adolescence: myth or truth? The AVENA and UP&DOWN studies. <i>Nutricion Hospitalaria</i> , 2014 , 30, 1319-23	1	4
52	Strength and Endurance Training in Older Women in Relation to and Polymorphisms. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
51	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018 , 13, 11	2.9	3
50	Does fitness attenuate the relationship between changes in sitting time and health-related quality of life over time in community-dwelling older adults? Evidence from the EXERNET multicenter longitudinal study. <i>Quality of Life Research</i> , 2019 , 28, 3259-3266	3.7	3
49	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
48	Physical repercussions of childhood-onset growth hormone (GH) deficiency and hGH treatment in adulthood. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2003 , 16, 27-34	1.6	3
47	Joint position statement of the International Federation of Sports Medicine (FIMS) and European Federation of Sports Medicine Associations (EFSMA) on the IOC framework on fairness, inclusion and non-discrimination based on gender identity and sex variations.. <i>BMJ Open Sport and Exercise Medicine</i> , 2022 , 8, e001273	3.4	3

46	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019 , 67, 153-161	2.6	3
45	Association Between Physical Activity and Odds of Chronic Conditions Among Workers in Spain. <i>Preventing Chronic Disease</i> , 2020 , 17, E121	3.7	3
44	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
43	Estimation of the second ventilatory threshold through ventricular repolarization profile analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 339-349	4.6	3
42	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
41	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
40	Application of a model based on dual-energy X-ray absorptiometry and finite element simulation for predicting the probability of osteoporotic hip fractures to a sample of people over 60 years. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015 , 229, 369-85	1.7	2
39	Relació entre la condició física cardiovascular y la distribució de grasa en nens y adolescentes. <i>Apunts Medicine De L'esport</i> , 2006 , 41, 7-14	0.6	2
38	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
37	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
36	Physical activity and perceived stress at work in university workers: a cross-sectional study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 314-319	1.4	2
35	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
34	Higher leisure-time physical activity is associated with lower sickness absence: cross-sectional analysis among the general workforce. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 919-925	1.4	2
33	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
32	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
31	Nonspecific Resistance Training and Swimming Performance: Strength or Power? A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2020 ,	3.2	2
30	Effects of a Multicomponent Exercise Program, a Detraining Period and Dietary Intake Prediction of Body Composition of Frail and Pre-Frail Older Adults from the EXERNET Elder 3.0 Study. <i>Sustainability</i> , 2020 , 12, 9894	3.6	2
29	Functional Frailty, Dietary Intake, and Risk of Malnutrition. Are Nutrients Involved in Muscle Synthesis the Key for Frailty Prevention?. <i>Nutrients</i> , 2021 , 13,	6.7	2

28	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
27	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
26	Lack of impact moderating movement adaptation when soccer players perform game specific tasks on a third-generation artificial surface without a cushioning underlay. <i>Sports Biomechanics</i> , 2021 , 20, 665-679	2.2	1
25	The muscle-bone unit in adolescent swimmers. <i>Osteoporosis International</i> , 2019 , 30, 1079-1088	5.3	1
24	Mejoras de la condici3n cardiorrespiratoria en j3venes con s3ndrome de Down mediante entrenamiento aer3bico: estudio longitudinal. <i>Apunts Medicine De Lr3sport</i> , 2012 , 47, 49-54	0.6	1
23	Ciclisme i salut 3sia de l3dolecent. <i>Apunts Medicine De Lr3sport</i> , 2012 , 47, 169	0.6	1
22	El dopaje en los Juegos Ol3mpicos de verano (1968-2008). <i>Apunts Medicine De Lr3sport</i> , 2009 , 44, 66-73	0.6	1
21	Determining the reliability and usability of change of direction speed tests in adolescent female soccer players: a systematic review. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 720-732	1.4	1
20	Associations between Physical Fitness, Bone Mass, and Structure in Older People. <i>BioMed Research International</i> , 2020 , 2020, 6930682	3	1
19	Adherence Factors Related to Exercise Prescriptions in Healthcare Settings: A Review of the Scientific Literature. <i>Research Quarterly for Exercise and Sport</i> , 2020 , 1-10	1.9	1
18	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
17	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
16	Validity and reliability of an optoelectronic system to measure movement velocity during bench press and half squat in a Smith machine. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020 , 234, 88-97	0.7	1
15	Increase in Regular Leisure-Time Physical Activity in Spanish Adults Between 1987 and 2017. <i>American Journal of Preventive Medicine</i> , 2021 , 61, e73-e79	6.1	1
14	Targeted Gene Sequencing, Bone Health, and Body Composition in Cornelia de Lange Syndrome. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 710	2.6	1
13	Prevalence of Metabolic Syndrome and Association with Physical Activity and Frailty Status in Spanish Older Adults with Decreased Functional Capacity: A Cross-Sectional Study. <i>Nutrients</i> , 2022 , 14, 2302	6.7	1
12	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
11	School time is associated with cardiorespiratory fitness in adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2021 , 39, 2068-2072	3.6	0

10	Physical exercise training in the syllabus of Bachelor of Science in nursing degrees: An environmental scan.. <i>Contemporary Nurse</i> , 2022 , 1-27	1.5	0
9	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	
8	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	
7	Problems encountered in managing of hCG findings in Spanish football. <i>Drug Testing and Analysis</i> , 2014 , 6, 301-2	3.5	
6	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	
5	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	
4	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	
3	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. <i>Children</i> , 2022 , 9, 585	2.8	
2	STRAIGHT-A STUDENTS DISLIKE PHYSICAL EDUCATION IN ADOLESCENCE: MYTH OR TRUTH? THE AVENA, AFINOS AND UP&DOWN STUDIES. <i>Nutricion Hospitalaria</i> , 2015 , 32, 318-23	1	
1	Physical Activity Adherence Related to Body Composition and Physical Fitness in Spanish Older Adults: 8 Years-Longitudinal EXERNET-Study.. <i>Frontiers in Psychology</i> , 2022 , 13, 858312	3.4	