

José Antonio Casajús Mallén

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5848957/publications.pdf>

Version: 2024-02-01

167
papers

4,677
citations

87888

38
h-index

133252

59
g-index

181
all docs

181
docs citations

181
times ranked

5876
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Training on Bone Mass in Older Adults. Sports Medicine, 2012, 42, 301-325.	6.5	264
2	Health-Related Behaviors Among School-Aged Children and Adolescents During the Spanish Covid-19 Confinement. Frontiers in Pediatrics, 2020, 8, 573.	1.9	192
3	COVID-19 Confinement and Health Risk Behaviors in Spain. Frontiers in Psychology, 2020, 11, 1426.	2.1	185
4	Potential health-related behaviors for pre-school and school-aged children during COVID-19 lockdown: A narrative review. Preventive Medicine, 2021, 143, 106349.	3.4	139
5	Secular trends in health-related physical fitness in Spanish adolescents: The AVENA and HELENA Studies. Journal of Science and Medicine in Sport, 2010, 13, 584-588.	1.3	125
6	Association Between Current Physical Activity and Current Perceived Anxiety and Mood in the Initial Phase of COVID-19 Confinement. Frontiers in Psychiatry, 2020, 11, 729.	2.6	114
7	Impact of COVID-19 Confinement on Physical Activity and Sedentary Behaviour in Spanish University Students: Role of Gender. International Journal of Environmental Research and Public Health, 2021, 18, 369.	2.6	108
8	Adiposity, Physical Activity, and Physical Fitness Among Children From Aragón, Spain. Obesity, 2007, 15, 1918-1924.	3.0	102
9	Is Bone Tissue Really Affected by Swimming? A Systematic Review. PLoS ONE, 2013, 8, e70119.	2.5	99
10	Associations of muscular and cardiorespiratory fitness with total and central body fat in adolescents: The HELENA Study. British Journal of Sports Medicine, 2011, 45, 101-108.	6.7	98
11	Health-related physical fitness in children and adolescents with Down syndrome and response to training. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 716-724.	2.9	93
12	Immediate Impact of the COVID-19 Confinement on Physical Activity Levels in Spanish Adults. Sustainability, 2020, 12, 5708.	3.2	91
13	Prevalence of overweight and obesity in non-institutionalized people aged 65 or over from Spain: the elderly EXERNET multi-centre study. Obesity Reviews, 2011, 12, 583-592.	6.5	86
14	Cycling and bone health: a systematic review. BMC Medicine, 2012, 10, 168.	5.5	83
15	Fat and lean masses in youths with Down syndrome: Gender differences. Research in Developmental Disabilities, 2011, 32, 1685-1693.	2.2	80
16	Impact of methodological decisions on accelerometer outcome variables in young children. International Journal of Obesity, 2011, 35, S98-S103.	3.4	75
17	Physical fitness effect on bone mass is mediated by the independent association between lean mass and bone mass through adolescence: a cross-sectional study. Journal of Bone and Mineral Metabolism, 2008, 26, 288-294.	2.7	74
18	Plyometric exercise and bone health in children and adolescents: a systematic review. World Journal of Pediatrics, 2017, 13, 112-121.	1.8	72

#	ARTICLE	IF	CITATIONS
19	Effect of fitness and physical activity on bone mass in adolescents: the HELENA Study. <i>European Journal of Applied Physiology</i> , 2011, 111, 2671-2680.	2.5	66
20	Physical fitness levels among independent non-institutionalized Spanish elderly: The elderly EXERNET multi-center study. <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, 406-416.	3.0	64
21	Physical fitness in rural and urban children and adolescents from Spain. <i>Journal of Science and Medicine in Sport</i> , 2011, 14, 417-423.	1.3	63
22	Seasonal variation in fitness variables in professional soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2001, 41, 463-9.	0.7	63
23	The Effect of Swimming During Childhood and Adolescence on Bone Mineral Density: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016, 46, 365-379.	6.5	62
24	Sitting time increases the overweight and obesity risk independently of walking time in elderly people from Spain. <i>Maturitas</i> , 2012, 73, 337-343.	2.4	58
25	Independent and combined effect of nutrition and exercise on bone mass development. <i>Journal of Bone and Mineral Metabolism</i> , 2008, 26, 416-424.	2.7	55
26	Bone mass in male and female children and adolescents with Down syndrome. <i>Osteoporosis International</i> , 2011, 22, 2151-2157.	3.1	54
27	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, 127-139.	5.8	54
28	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, 552-556.	2.1	51
29	A combined training intervention programme increases lean mass in youths with Down syndrome. <i>Research in Developmental Disabilities</i> , 2011, 32, 2383-2388.	2.2	50
30	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, 385-396.	2.5	50
31	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, 211-217.	3.3	50
32	Frailty and Physical Fitness in Elderly People: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021, 51, 143-160.	6.5	49
33	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.	2.7	49
34	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.	6.5	46
35	Bone Related Health Status in Adolescent Cyclists. <i>PLoS ONE</i> , 2011, 6, e24841.	2.5	45
36	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, 160-164.	1.3	42

#	ARTICLE	IF	CITATIONS
37	Adolescent female soccer playersâ€™ soccer-specific warm-up effects on performance and inter-limb asymmetries. <i>Biology of Sport</i> , 2019, 36, 199-207.	3.2	42
38	Static standing balance in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012, 33, 1294-1300.	2.2	41
39	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, S79-S87.	3.4	39
40	Validity of the V-cut Test for Young Basketball Players. <i>International Journal of Sports Medicine</i> , 2015, 36, 893-899.	1.7	38
41	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. <i>Clinical Nutrition</i> , 2017, 36, 1558-1566.	5.0	35
42	Relative sitâ€”stand power: aging trajectories, functionally relevant cutâ€”off points, and normative data in a large European cohort. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 921-932.	7.3	34
43	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, 456-462.	1.7	33
44	Effects of whole body vibration training on body composition in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 1426-1433.	2.2	33
45	Is the SenseWear Armband accurate enough to quantify and estimate energy expenditure in healthy adults?. <i>Annals of Translational Medicine</i> , 2017, 5, 97-97.	1.7	32
46	Soccer helps build strong bones during growth: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 2018, 177, 295-310.	2.7	32
47	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, 1764-1769.	2.2	29
48	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, 1035-1044.	3.1	29
49	Influence of Running Stride Frequency in Heart Rate Variability Analysis During Treadmill Exercise Testing. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1796-1805.	4.2	29
50	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.	2.2	29
51	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.	3.0	28
52	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, 1530-1536.	2.5	26
53	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013, 74, 276-278.	2.4	26
54	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, 2449-2459.	3.1	26

#	ARTICLE	IF	CITATIONS
55	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, 15, 1147-1155.	2.3	26
56	Swimming and peak bone mineral density: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2018, 36, 1-13.	2.0	24
57	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013, 28, 1151-5.	0.3	24
58	Socioeconomic Status and Bone Mass in Spanish Adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012, 50, 484-490.	2.5	22
59	Effects of whole body vibration training on balance in adolescents with and without Down syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 3057-3065.	2.2	21
60	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2875-2881.	2.1	20
61	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.	2.9	20
62	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, 3663.	4.1	20
63	Harmonization Process and Reliability Assessment of Anthropometric Measurements in the Elderly EXERNET Multi-Centre Study. <i>PLoS ONE</i> , 2012, 7, e41752.	2.5	19
64	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.	0.3	19
65	Swimming and bone: Is low bone mass due to hypogravity alone or does other physical activity influence it?. <i>Osteoporosis International</i> , 2016, 27, 1785-1793.	3.1	18
66	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.	2.8	18
67	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, 6714.	2.6	18
68	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.	3.2	18
69	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, 4312.	2.6	18
70	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.	2.9	18
71	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, 110-115.	2.0	17
72	“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.	6.7	17

#	ARTICLE	IF	CITATIONS
73	Functional Frailty, Dietary Intake, and Risk of Malnutrition. Are Nutrients Involved in Muscle Synthesis the Key for Frailty Prevention?. <i>Nutrients</i> , 2021, 13, 1231.	4.1	17
74	Association Between Physical Fitness and Bone Strength and Structure in 3- to 5-Year-Old Children. <i>Sports Health</i> , 2020, 12, 431-440.	2.7	17
75	Effect of endurance and resistance training on regional fat mass and lipid profile. <i>Nutricion Hospitalaria</i> , 2013, 28, 340-6.	0.3	17
76	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018, 2018, 1-16.	1.9	16
77	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.	1.7	16
78	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, 181-191.	3.1	15
79	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.	6.5	15
80	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017, 34, 1119-1124.	0.3	15
81	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.	2.4	14
82	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.	2.0	14
83	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.	2.4	13
84	Vigorous physical activity patterns affect bone growth during early puberty in boys. <i>Osteoporosis International</i> , 2018, 29, 2693-2701.	3.1	12
85	Associations between Physical Fitness, Bone Mass, and Structure in Older People. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	12
86	Physical activity, hydration and health. <i>Nutricion Hospitalaria</i> , 2014, 29, 1224-39.	0.3	12
87	Active Video Games Improve Muscular Fitness and Motor Skills in Children with Overweight or Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2642.	2.6	12
88	Percentage of body fat in adolescents with Down syndrome: Estimation from skinfolds. <i>Disability and Health Journal</i> , 2017, 10, 100-104.	2.8	11
89	Association between physical activity and sickness absenteeism in university workers. <i>Occupational Medicine</i> , 2020, 70, 24-30.	1.4	11
90	Strength and Endurance Training in Older Women in Relation to ACTN3 R577X and ACE I/D Polymorphisms. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1236.	2.6	11

#	ARTICLE	IF	CITATIONS
91	ACTN3 R577X polymorphism related to sarcopenia and physical fitness in active older women. Climacteric, 2021, 24, 89-94.	2.4	11
92	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. JMIR Serious Games, 2021, 9, e29981.	3.1	11
93	Impact of the Home Confinement Related to COVID-19 on the Device-Assessed Physical Activity and Sedentary Patterns of Spanish Older Adults. BioMed Research International, 2021, 2021, 1-8.	1.9	11
94	VALIDITY OF A FOOD-FREQUENCY QUESTIONNAIRE FOR ESTIMATING CALCIUM INTAKE IN ADOLESCENT SWIMMERS. Nutricion Hospitalaria, 2015, 32, 1773-9.	0.3	11
95	Association of physical activity levels and prevalence of major degenerative diseases: Evidence from the national health and nutrition examination survey (NHANES) 1999â€”2018. Experimental Gerontology, 2022, 158, 111656.	2.8	11
96	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.	1.1	10
97	Prevalence of Metabolic Syndrome and Association with Physical Activity and Frailty Status in Spanish Older Adults with Decreased Functional Capacity: A Cross-Sectional Study. Nutrients, 2022, 14, 2302.	4.1	10
98	Bone structure of adolescent swimmers; a peripheral quantitative computed tomography (pQCT) study. Journal of Science and Medicine in Sport, 2016, 19, 707-712.	1.3	9
99	The muscle-bone unit in adolescent swimmers. Osteoporosis International, 2019, 30, 1079-1088.	3.1	9
100	Electrocardiogram-Derived Tidal Volume During Treadmill Stress Test. IEEE Transactions on Biomedical Engineering, 2020, 67, 193-202.	4.2	9
101	Bone Structure and Geometric Properties at the Radius and Tibia in Adolescent Endurance-Trained Cyclists. Clinical Journal of Sport Medicine, 2017, 27, 69-77.	1.8	8
102	Association Between Physical Activity and Odds of Chronic Conditions Among Workers in Spain. Preventing Chronic Disease, 2020, 17, E121.	3.4	8
103	Response to the United Nations Human Rights Councilâ€™s Report on Race and Gender Discrimination in Sport: An Expression of Concern and a Call to Prioritise Research. Sports Medicine, 2021, 51, 839-842.	6.5	8
104	Do calcium and vitamin D intake influence the effect of cycling on bone mass through adolescence?. Nutricion Hospitalaria, 2013, 28, 1136-9.	0.3	8
105	Effects of a short-term whole body vibration intervention on lean mass in elderly people. Nutricion Hospitalaria, 2013, 28, 1255-8.	0.3	8
106	A cross-sectional analysis of the association between physical activity, depression, and all-cause mortality in Americans over 50Â¥years old. Scientific Reports, 2022, 12, 2264.	3.3	8
107	The nutritional status in adolescent Spanish cyclists. Nutricion Hospitalaria, 2013, 28, 1184-9.	0.3	8
108	Bone geometry in young male and female football players: a peripheral quantitative computed tomography (pQCT) study. Archives of Osteoporosis, 2018, 13, 57.	2.4	7

#	ARTICLE	IF	CITATIONS
109	Adherence Factors Related to Exercise Prescriptions in Healthcare Settings: A Review of the Scientific Literature. Research Quarterly for Exercise and Sport, 2022, 93, 16-25.	1.4	7
110	Relaci3n entre la condici3n f3sica cardiovascular y la distribuci3n de grasa en niÃ±os y adolescentes. Apunts Medicine De L'Esport, 2006, 41, 7-14.	0.5	6
111	Influence of Hard vs. Soft Ground Surfaces on Bone Accretion in Prepubertal Footballers. International Journal of Sports Medicine, 2014, 35, 55-61.	1.7	6
112	Body fat in elite Spanish football referees and assistants: A 1-year follow-up study. Apunts Medicine De L'Esport, 2016, 51, 21-26.	0.5	6
113	The Effects of Active Video Games on Health-Related Physical Fitness and Motor Competence in Children and Adolescents with Healthy Weight: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 6965.	2.6	6
114	Protecting olympic participants from COVID-19: the trialled and tested process. British Journal of Sports Medicine, 2021, 55, bjsports-2021-104669.	6.7	6
115	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, 7238.	2.6	6
116	Increase in Regular Leisure-Time Physical Activity in Spanish Adults Between 1987 and 2017. American Journal of Preventive Medicine, 2021, 61, e73-e79.	3.0	6
117	Physical Repercussions of Childhood-Onset Growth Hormone (GH) Deficiency and hGH Treatment in Adulthood. Journal of Pediatric Endocrinology and Metabolism, 2003, 16, 27-34.	0.9	5
118	Influences of Physical Fitness on Bone Mass in Women With Fibromyalgia. Adapted Physical Activity Quarterly, 2015, 32, 125-136.	0.8	5
119	Assessing Fat Mass of Adolescent Swimmers Using Anthropometric Equations: A DXA Validation Study. Research Quarterly for Exercise and Sport, 2017, 88, 230-236.	1.4	5
120	Physical activity and bone mineral density at the femoral neck subregions in adolescents with Down syndrome. Journal of Pediatric Endocrinology and Metabolism, 2017, 30, 1075-1082.	0.9	5
121	Effects of Whole Body Vibration on Tibia Strength and Structure of 100 Competitive Adolescent Swimmers: A Randomized Controlled Trial. PM and R, 2018, 10, 889-897.	1.6	5
122	Nonspecific Resistance Training and Swimming Performance. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	2.1	5
123	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. Sustainability, 2020, 12, 9894.	3.2	5
124	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.	2.8	5
125	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.	0.9	5
126	Inter-methods agreement for the assessment of percentage of body fat between two laboratory methods in male adolescent cyclists. Nutricion Hospitalaria, 2013, 28, 1049-52.	0.3	5

#	ARTICLE	IF	CITATIONS
127	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.	0.3	5
128	Longitudinal effects of swimming on bone in adolescents: a pQCT and DXA study. <i>Biology of Sport</i> , 2017, 34, 361-370.	3.2	4
129	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.	3.1	4
130	Design and Validity of a Choice-Modeling Questionnaire to Analyze the Feasibility of Implementing Physical Activity on Prescription at Primary Health-Care Settings. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6627.	2.6	4
131	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.	2.9	4
132	Associations between Daily Movement Distribution, Bone Structure, Falls, and Fractures in Older Adults: A Compositional Data Analysis Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3757.	2.6	4
133	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.	0.7	4
134	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.	0.7	4
135	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018, 13, 11.	2.4	3
136	May Young Elite Cyclists Have Less Efficient Bone Metabolism?. <i>Nutrients</i> , 2019, 11, 1178.	4.1	3
137	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, 3016.	4.1	3
138	The finger flexors occlusion threshold in sportâ€œclimbers: an exploratory study on its indirect approximation. <i>European Journal of Sport Science</i> , 2021, 21, 1234-1242.	2.7	3
139	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. <i>Journal of Clinical Medicine</i> , 2021, 10, 1229.	2.4	3
140	25-Hydroxyvitamin D and Cardiorespiratory Fitness in Prepubertal Overweight and Obese Children. <i>Nutrients</i> , 2021, 13, 1597.	4.1	3
141	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019, 67, 153-161.	1.5	3
142	Hand span influences optimal grip span in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2017, 34, 626.	0.3	3
143	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.	0.7	3
144	Mejoras de la condiciÃ³n cardiorrespiratoria en jÃ³venes con sÃndrome de Down mediante entrenamiento aerÃ³bico: estudio longitudinal. <i>Apunts Medicine De L'Esport</i> , 2012, 47, 49-54.	0.5	2

#	ARTICLE	IF	CITATIONS
145	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. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 369-385.	1.8	2
146	Lack of impact moderating movement adaptation when soccer players perform game specific tasks on a third-generation artificial surface without a cushioning underlay. Sports Biomechanics, 2021, 20, 665-679.	1.6	2
147	Fitness vs Fatness as Determinants of Survival in Noninstitutionalized Older Adults: The EXERNET Multicenter Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	3.6	2
148	Targeted Gene Sequencing, Bone Health, and Body Composition in Cornelia de Lange Syndrome. Applied Sciences (Switzerland), 2021, 11, 710.	2.5	2
149	The Impact of Grounding in Running Shoes on Indices of Performance in Elite Competitive Athletes. International Journal of Environmental Research and Public Health, 2022, 19, 1317.	2.6	2
150	Differences among Sociodemographic Variables, Physical Fitness Levels, and Body Composition with Adherence to Regular Physical Activity in Older Adults from the EXERNET Multicenter Study. International Journal of Environmental Research and Public Health, 2022, 19, 3853.	2.6	2
151	Effect of an Active Video Game Intervention Combined With Multicomponent Exercise for Cardiorespiratory Fitness in Children With Overweight and Obesity: Randomized Controlled Trial. JMIR Serious Games, 2022, 10, e33782.	3.1	2
152	Physical exercise training in the syllabus of Bachelor of Science in nursing degrees: an environmental scan. Contemporary Nurse, 2022, 58, 192-211.	1.0	2
153	Ciclisme i salut Ã²ssia de lâ€™TMadolescent. Apunts Medicine De L'Esport, 2012, 47, 169.	0.5	1
154	Validity and reliability of an optoelectronic system to measure movement velocity during bench press and half squat in a Smith machine. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2020, 234, 88-97.	0.7	1
155	School time is associated with cardiorespiratory fitness in adolescents: The HELENA study. Journal of Sports Sciences, 2021, 39, 2068-2072.	2.0	1
156	FatÃ©Fit Patterns, Drug Consumption, and Polypharmacy in Older Adults: The EXERNET Multi-Center Study. Nutrients, 2021, 13, 2872.	4.1	1
157	Associations between Spanish childrenÃ©s physical activity and physical fitness with lean body mass: The CALINA study. Journal of Sports Sciences, 2022, 40, 401-412.	2.0	1
158	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. Children, 2022, 9, 585.	1.5	1
159	STRAIGHT-A STUDENTS DISLIKE PHYSICAL EDUCATION IN ADOLESCENCE: MYTH OR TRUTH? THE AVENA, AFINOS AND UP&DOWN STUDIES. Nutricion Hospitalaria, 2015, 32, 318-23.	0.3	1
160	Does nutritional status influence the effects of a multicomponent exercise programme on body composition and physical fitness in older adults with limited physical function?. European Journal of Sport Science, 2023, 23, 1375-1384.	2.7	1
161	Problems encountered in managing of hCG findings in Spanish football. Drug Testing and Analysis, 2014, 6, 301-302.	2.6	0
162	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.	1.6	0

#	ARTICLE	IF	CITATIONS
163	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	0
164	Quantitative peripheral computed tomography to measure muscle area and assess lean soft tissue mass in children. Annals of Human Biology, 2021, 48, 93-100.	1.0	0
165	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.	0.7	0
166	New Evidence on Regucalcin, Body Composition, and Walking Ability Adaptations to Multicomponent Exercise Training in Functionally Limited and Frail Older Adults. International Journal of Environmental Research and Public Health, 2022, 19, 363.	2.6	0
167	Physical Activity Adherence Related to Body Composition and Physical Fitness in Spanish Older Adults: 8 Years-Longitudinal EXERNET-Study. Frontiers in Psychology, 2022, 13, 858312.	2.1	0