

JosÃ© Antonio CasajÃ³s MallÃ³n

List of Publications by Year in descending order

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167
papers

4,677
citations

100601

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all docs

181
docs citations

181
times ranked

6200
citing authors

#	ARTICLE	IF	CITATIONS
1	Does nutritional status influence the effects of a multicomponent exercise programme on body composition and physical fitness in older adults with limited physical function?. <i>European Journal of Sport Science</i> , 2023, 23, 1375-1384.	1.4	1
2	Adherence Factors Related to Exercise Prescriptions in Healthcare Settings: A Review of the Scientific Literature. <i>Research Quarterly for Exercise and Sport</i> , 2022, 93, 16-25.	0.8	7
3	Associations between Spanish childrenâ€™s physical activity and physical fitness with lean body mass: The CALINA study. <i>Journal of Sports Sciences</i> , 2022, 40, 401-412.	1.0	1
4	Association of physical activity levels and prevalence of major degenerative diseases: Evidence from the national health and nutrition examination survey (NHANES) 1999â€“2018. <i>Experimental Gerontology</i> , 2022, 158, 111656.	1.2	11
5	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.	0.7	16
6	The Impact of Grounding in Running Shoes on Indices of Performance in Elite Competitive Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1317.	1.2	2
7	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.	1.4	18
8	A cross-sectional analysis of the association between physical activity, depression, and all-cause mortality in Americans over 50Âyears old. <i>Scientific Reports</i> , 2022, 12, 2264.	1.6	8
9	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.	1.2	12
10	Differences among Sociodemographic Variables, Physical Fitness Levels, and Body Composition with Adherence to Regular Physical Activity in Older Adults from the EXERNET Multicenter Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3853.	1.2	2
11	New Evidence on Regucalcin, Body Composition, and Walking Ability Adaptations to Multicomponent Exercise Training in Functionally Limited and Frail Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 363.	1.2	0
12	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. <i>Children</i> , 2022, 9, 585.	0.6	1
13	Effect of an Active Video Game Intervention Combined With Multicomponent Exercise for Cardiorespiratory Fitness in Children With Overweight and Obesity: Randomized Controlled Trial. <i>JMIR Serious Games</i> , 2022, 10, e33782.	1.7	2
14	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.	1.1	0
15	Physical exercise training in the syllabus of Bachelor of Science in nursing degrees: an environmental scan. <i>Contemporary Nurse</i> , 2022, 58, 192-211.	0.4	2
16	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.	1.7	10
17	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.	0.8	2
18	The finger flexors occlusion threshold in sportâ€™climbers: an exploratory study on its indirect approximation. <i>European Journal of Sport Science</i> , 2021, 21, 1234-1242.	1.4	3

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19	ACTN3 R577X polymorphism related to sarcopenia and physical fitness in active older women. <i>Climacteric</i> , 2021, 24, 89-94.	1.1	11
20	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.	1.3	4
21	Frailty and Physical Fitness in Elderly People: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021, 51, 143-160.	3.1	49
22	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.	1.6	139
23	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.	3.1	8
24	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.	0.4	0
25	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.	1.3	49
26	Daily Sitting for Long Periods Increases the Odds for Subclinical Atheroma Plaques. <i>Journal of Clinical Medicine</i> , 2021, 10, 1229.	1.0	3
27	"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.	3.1	17
28	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.	3.1	15
29	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.	1.2	4
30	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.	1.7	17
31	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.	1.7	11
32	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, 1-8.	0.9	11
33	25-Hydroxyvitamin D and Cardiorespiratory Fitness in Prepubertal Overweight and Obese Children. <i>Nutrients</i> , 2021, 13, 1597.	1.7	3
34	School time is associated with cardiorespiratory fitness in adolescents: The HELENA study. <i>Journal of Sports Sciences</i> , 2021, 39, 2068-2072.	1.0	1
35	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. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6965.	1.2	6
36	Fitness vs Fatness as Determinants of Survival in Noninstitutionalized Older Adults: The EXERNET Multicenter Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, ,	1.7	2

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37	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.	1.2	5
38	Protecting olympic participants from COVID-19: the trialled and tested process. <i>British Journal of Sports Medicine</i> , 2021, 55, bjsports-2021-104669.	3.1	6
39	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, 7238.	1.2	6
40	Relative sitâ€™oâ€™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.	2.9	34
41	Fatâ€™Fit Patterns, Drug Consumption, and Polypharmacy in Older Adults: The EXERNET Multi-Center Study. <i>Nutrients</i> , 2021, 13, 2872.	1.7	1
42	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.	1.6	6
43	Targeted Gene Sequencing, Bone Health, and Body Composition in Cornelia de Lange Syndrome. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 710.	1.3	2
44	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, 369.	1.2	108
45	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.	1.7	20
46	Electrocardiogram-Derived Tidal Volume During Treadmill Stress Test. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 193-202.	2.5	9
47	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.	0.4	1
48	Association between physical activity and sickness absenteeism in university workers. <i>Occupational Medicine</i> , 2020, 70, 24-30.	0.8	11
49	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.	1.7	3
50	Health-Related Behaviors Among School-Aged Children and Adolescents During the Spanish Covid-19 Confinement. <i>Frontiers in Pediatrics</i> , 2020, 8, 573.	0.9	192
51	Association Between Physical Activity and Odds of Chronic Conditions Among Workers in Spain. <i>Preventing Chronic Disease</i> , 2020, 17, E121.	1.7	8
52	High leisureâ€™time physical activity reduces the risk of longâ€™term sickness absence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 939-946.	1.3	20
53	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.	1.3	114
54	Immediate Impact of the COVID-19 Confinement on Physical Activity Levels in Spanish Adults. <i>Sustainability</i> , 2020, 12, 5708.	1.6	91

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55	Associations between Physical Fitness, Bone Mass, and Structure in Older People. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	12
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, 6714.	1.2	18
57	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.	1.6	18
58	Nonspecific Resistance Training and Swimming Performance. <i>Journal of Strength and Conditioning Research</i> , 2020, Publish Ahead of Print, .	1.0	5
59	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.	1.2	4
60	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.	1.6	5
61	COVID-19 Confinement and Health Risk Behaviors in Spain. <i>Frontiers in Psychology</i> , 2020, 11, 1426.	1.1	185
62	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.	1.2	18
63	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.	1.2	11
64	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.	1.1	26
65	Association Between Physical Fitness and Bone Strength and Structure in 3- to 5-Year-Old Children. <i>Sports Health</i> , 2020, 12, 431-440.	1.3	17
66	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.	0.4	5
67	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.	0.4	4
68	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.	0.4	4
69	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.	0.4	3
70	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.	1.5	4
71	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.	0.4	0
72	Adolescent female soccer players™ soccer-specific warm-up effects on performance and inter-limb asymmetries. <i>Biology of Sport</i> , 2019, 36, 199-207.	1.7	42

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73	May Young Elite Cyclists Have Less Efficient Bone Metabolism?. <i>Nutrients</i> , 2019, 11, 1178.	1.7	3
74	The muscle-bone unit in adolescent swimmers. <i>Osteoporosis International</i> , 2019, 30, 1079-1088.	1.3	9
75	Swim-Specific Resistance Training: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2875-2881.	1.0	20
76	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.	1.0	14
77	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.	3.3	46
78	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. <i>Journal of Human Kinetics</i> , 2019, 67, 153-161.	0.7	3
79	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.	0.4	0
80	Swimming and peak bone mineral density: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2018, 36, 1-13.	1.0	24
81	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.	0.9	5
82	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018, 13, 11.	1.0	3
83	Soccer helps build strong bones during growth: a systematic review and meta-analysis. <i>European Journal of Pediatrics</i> , 2018, 177, 295-310.	1.3	32
84	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.	1.6	18
85	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. <i>BioMed Research International</i> , 2018, 2018, 1-16.	0.9	16
86	Vigorous physical activity patterns affect bone growth during early puberty in boys. <i>Osteoporosis International</i> , 2018, 29, 2693-2701.	1.3	12
87	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.	0.5	10
88	Bone geometry in young male and female football players: a peripheral quantitative computed tomography (pQCT) study. <i>Archives of Osteoporosis</i> , 2018, 13, 57.	1.0	7
89	Percentage of body fat in adolescents with Down syndrome: Estimation from skinfolds. <i>Disability and Health Journal</i> , 2017, 10, 100-104.	1.6	11
90	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.	0.9	8

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91	Plyometric exercise and bone health in children and adolescents: a systematic review. <i>World Journal of Pediatrics</i> , 2017, 13, 112-121.	0.8	72
92	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.	0.8	5
93	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.	1.0	0
94	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.	0.4	5
95	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.	1.0	14
96	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.	1.4	28
97	Fragmentation of daily rhythms associates with obesity and cardiorespiratory fitness in adolescents: The HELENA study. <i>Clinical Nutrition</i> , 2017, 36, 1558-1566.	2.3	35
98	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.	0.7	32
99	Longitudinal effects of swimming on bone in adolescents: a pQCT and DXA study. <i>Biology of Sport</i> , 2017, 34, 361-370.	1.7	4
100	Body fat percentage comparisons between four methods in young football players: are they comparable?. <i>Nutricion Hospitalaria</i> , 2017, 34, 1119-1124.	0.2	15
101	Hand span influences optimal grip span in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2017, 34, 626.	0.2	3
102	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.	0.5	6
103	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.	1.3	18
104	Bone structure of adolescent swimmers; a peripheral quantitative computed tomography (pQCT) study. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 707-712.	0.6	9
105	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.	3.1	62
106	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.	1.3	15
107	Influences of Physical Fitness on Bone Mass in Women With Fibromyalgia. <i>Adapted Physical Activity Quarterly</i> , 2015, 32, 125-136.	0.6	5
108	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.	2.6	54

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109	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.	1.0	2
110	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. Journal of Nutrition, Health and Aging, 2015, 19, 211-217.	1.5	50
111	Validity of the V-cut Test for Young Basketball Players. International Journal of Sports Medicine, 2015, 36, 893-899.	0.8	38
112	Effect of whole body vibration training on bone mineral density and bone quality in adolescents with Down syndrome: a randomized controlled trial. Osteoporosis International, 2015, 26, 2449-2459.	1.3	26
113	VALIDITY OF A FOOD-FREQUENCY QUESTIONNAIRE FOR ESTIMATING CALCIUM INTAKE IN ADOLESCENT SWIMMERS. Nutricion Hospitalaria, 2015, 32, 1773-9.	0.2	11
114	STRAIGHT-A STUDENTS DISLIKE PHYSICAL EDUCATION IN ADOLESCENCE: MYTH OR TRUTH? THE AVENA, AFINOS AND UP&DOWN STUDIES. Nutricion Hospitalaria, 2015, 32, 318-23.	0.2	1
115	Influence of Hard vs. Soft Ground Surfaces on Bone Accretion in Prepubertal Footballers. International Journal of Sports Medicine, 2014, 35, 55-61.	0.8	6
116	Impact of the choice of threshold on physical activity patterns in free living conditions among adolescents measured using a uniaxial accelerometer: The HELENA study. Journal of Sports Sciences, 2014, 32, 110-115.	1.0	17
117	Problems encountered in managing of hCG findings in Spanish football. Drug Testing and Analysis, 2014, 6, 301-302.	1.6	0
118	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, 385-396.	1.2	50
119	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, 160-164.	0.6	42
120	Physical activity, hydration and health. Nutricion Hospitalaria, 2014, 29, 1224-39.	0.2	12
121	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.	0.2	19
122	Obese and unfit students dislike physical education in adolescence: myth or truth? The AVENA and UP&DOWN studies. Nutricion Hospitalaria, 2014, 30, 1319-23.	0.2	5
123	Cortical and trabecular bone at the radius and tibia in male and female adolescents with Down syndrome: a peripheral quantitative computed tomography (pQCT) study. Osteoporosis International, 2013, 24, 1035-1044.	1.3	29
124	Effects of whole body vibration training on balance in adolescents with and without Down syndrome. Research in Developmental Disabilities, 2013, 34, 3057-3065.	1.2	21
125	Influence of Running Stride Frequency in Heart Rate Variability Analysis During Treadmill Exercise Testing. IEEE Transactions on Biomedical Engineering, 2013, 60, 1796-1805.	2.5	29
126	Decreased levels of physical activity in adolescents with down syndrome are related with low bone mineral density: a cross-sectional study. BMC Endocrine Disorders, 2013, 13, 22.	0.9	29

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127	Effects of a short-term whole body vibration intervention on physical fitness in elderly people. <i>Maturitas</i> , 2013, 74, 276-278.	1.0	26
128	Effects of whole body vibration training on body composition in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 1426-1433.	1.2	33
129	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.	1.0	13
130	Is Bone Tissue Really Affected by Swimming? A Systematic Review. <i>PLoS ONE</i> , 2013, 8, e70119.	1.1	99
131	Effect of endurance and resistance training on regional fat mass and lipid profile. <i>Nutricion Hospitalaria</i> , 2013, 28, 340-6.	0.2	17
132	Do calcium and vitamin D intake influence the effect of cycling on bone mass through adolescence?. <i>Nutricion Hospitalaria</i> , 2013, 28, 1136-9.	0.2	8
133	Effects of a short-term whole body vibration intervention on lean mass in elderly people. <i>Nutricion Hospitalaria</i> , 2013, 28, 1255-8.	0.2	8
134	Physical activity and cardiorespiratory fitness in adolescents with Down syndrome. <i>Nutricion Hospitalaria</i> , 2013, 28, 1151-5.	0.2	24
135	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.	0.2	5
136	The nutritional status in adolescent Spanish cyclists. <i>Nutricion Hospitalaria</i> , 2013, 28, 1184-9.	0.2	8
137	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.	1.2	26
138	Mejoras de la condición cardiorrespiratoria en jóvenes con síndrome de Down mediante entrenamiento aeróbico: estudio longitudinal. <i>Apunts Medicine De L'Esport</i> , 2012, 47, 49-54.	0.5	2
139	Ciclisme i salut física de l'adolescent. <i>Apunts Medicine De L'Esport</i> , 2012, 47, 169.	0.5	1
140	Static standing balance in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2012, 33, 1294-1300.	1.2	41
141	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.	1.1	51
142	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.	1.4	64
143	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.	0.7	33
144	Socioeconomic Status and Bone Mass in Spanish Adolescents. The HELENA Study. <i>Journal of Adolescent Health</i> , 2012, 50, 484-490.	1.2	22

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145	Cycling and bone health: a systematic review. <i>BMC Medicine</i> , 2012, 10, 168.	2.3	83
146	Effects of Training on Bone Mass in Older Adults. <i>Sports Medicine</i> , 2012, 42, 301-325.	3.1	264
147	Sitting time increases the overweight and obesity risk independently of walking time in elderly people from Spain. <i>Maturitas</i> , 2012, 73, 337-343.	1.0	58
148	Harmonization Process and Reliability Assessment of Anthropometric Measurements in the Elderly EXERNET Multi-Centre Study. <i>PLoS ONE</i> , 2012, 7, e41752.	1.1	19
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