

Jos Castro-Piero

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5914353/jose-castro-pinero-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

3,318
citations

26
h-index

55
g-index

123
ext. papers

4,112
ext. citations

3.9
avg, IF

5.02
L-index

#	Paper	IF	Citations
109	Reliability of Field-Based Fitness Tests in Adults: A Systematic Review.. <i>Sports Medicine</i> , 2022 , 1	10.6	5
108	Changes in Active Behaviours, Physical Activity, Sedentary Time, and Physical Fitness in Chilean Parents during the COVID-19 Pandemic: A Retrospective Study.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
107	Validity and Reliability of the International Fitness Scale (IFIS) in preschool children.. <i>European Journal of Sport Science</i> , 2022 , 1-24	3.9	1
106	Prospective associations between physical fitness and executive function in adolescents: The UP&DOWN study. <i>Psychology of Sport and Exercise</i> , 2022 , 102203	4.2	0
105	Handgrip strength asymmetry is associated with slow gait speed and poorer standing balance in older Americans.. <i>Archives of Gerontology and Geriatrics</i> , 2022 , 102, 104716	4	1
104	Activity-related typologies and longitudinal change in physical activity and sedentary time in children and adolescents: The UP&DOWN Study. <i>Journal of Sport and Health Science</i> , 2021 , 10, 447-453	8.2	6
103	GNSS Applications to Assess Performance in Olympic Sailors: Laser Class. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 264	2.6	2
102	Association of Self-Reported Physical Fitness with Pregnancy Related Symptoms the GESTAFIT Project. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
101	Physical fitness and its association with cognitive performance in Chilean schoolchildren: The Cogni-Action Project. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 1352-1362	4.6	3
100	Development of cardiorespiratory fitness standards for working memory using receiver operating curves in 15-year-old adolescents. <i>BMC Pediatrics</i> , 2021 , 21, 208	2.6	1
99	Fitness, waist circumference and their association with future blood pressure in youth: The UP&DOWN Longitudinal Study. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 573-579	4.4	0
98	A cross-sectional association of physical fitness with positive and negative affect in children and adolescents: the up & down study. <i>Pediatrics International</i> , 2021 , 63, 202-209	1.2	
97	Longitudinal associations of physical fitness and body mass index with academic performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 184-192	4.6	4
96	Mediation role of cardiorespiratory fitness on the association between fatness and cardiometabolic risk in European adolescents: The HELENA study. <i>Journal of Sport and Health Science</i> , 2021 , 10, 360-367	8.2	8
95	Active commuting to school among 36,781 Spanish children and adolescents: A temporal trend study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 914-924	4.6	3
94	Correlates of dual trajectories of physical activity and sedentary time in youth: The UP & DOWN longitudinal study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 1126-1134	4.6	0
93	A longitudinal gender perspective of well-being and health in spanish youth: the UP&DOWN study. <i>Applied Psychology: Health and Well-Being</i> , 2021 , 13, 282-298	6.8	1

92	Objectively measured physical activity and academic performance in school-aged youth: The UP&DOWN longitudinal study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 2230-2240	4.6	4
91	Mediation Role of Physical Fitness and Its Components on the Association Between Distribution-Related Fat Indicators and Adolescents' Cognitive Performance: Exploring the Influence of School Vulnerability. The Cogni-Action Project. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 746197	3.5	0
90	The favourable association of self-reported physical fitness with depression and anxiety during pregnancy. The GESTAFIT project. <i>European Journal of Sport Science</i> , 2021 , 1-9	3.9	0
89	The Impact of Scholastic Factors on Physical Activity Levels during the COVID-19 Lockdown: A Prospective Study on Adolescents from Bosnia and Herzegovina. <i>Children</i> , 2021 , 8,	2.8	1
88	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
87	Does modality matter? A latent profile and transition analysis of sedentary behaviours among school-aged youth: The UP&DOWN study. <i>Journal of Sports Sciences</i> , 2020 , 38, 1062-1069	3.6	1
86	Changes in the school and non-school sedentary time in youth: The UP&DOWN longitudinal study. <i>Journal of Sports Sciences</i> , 2020 , 38, 780-786	3.6	4
85	Changes in and the mediating role of physical activity in relation to active school transport, fitness and adiposity among Spanish youth: the UP&DOWN longitudinal study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 37	8.4	2
84	Temporal Trends of Compliance With School-Based Physical Activity Recommendations Among Spanish Children, 2011-2018. <i>Journal of Physical Activity and Health</i> , 2020 , 17, 756-761	2.5	
83	How socio-demographic and familiar circumstances are associated with total and domain-specific sedentary behaviour in youth? The UP&DOWN study. <i>European Journal of Sport Science</i> , 2020 , 20, 1102-1112	3.9	1
82	Wellbeing as a Protective Factor of Adolescent Health. The Up & Down Study. <i>Child Indicators Research</i> , 2020 , 13, 1453-1467	1.9	1
81	Physical Activity Levels of Chilean Children in a National School Intervention Programme. A Quasi-Experimental Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
80	A New Nasal Restriction Device Called FeelBreathe Improves Breathing Patterns in Chronic Obstructive Pulmonary Disease Patients during Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
79	Associations between physical activity and sedentary time profiles transitions and changes in well-being in youth: The UP&DOWN longitudinal study. <i>Psychology of Sport and Exercise</i> , 2020 , 47, 101558	4.2	5
78	Social correlates of sedentary behavior in young people: The UP&DOWN study. <i>Journal of Sport and Health Science</i> , 2020 , 9, 189-196	8.2	7
77	Bidirectional associations between fitness and fatness in youth: A longitudinal study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 1483-1496	4.6	3
76	Physical Fitness and Self-Rated Health in Children and Adolescents: Cross-Sectional and Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
75	The Role of School in Helping Children and Adolescents Reach the Physical Activity Recommendations: The UP&DOWN Study. <i>Journal of School Health</i> , 2019 , 89, 612-618	2.1	19

74	Changes in Body Composition and Physical Fitness in Adolescents with Down Syndrome: The UP&DOWN Longitudinal Study. <i>Childhood Obesity</i> , 2019 , 15, 397-405	2.5	1
73	Muscle strength field-based tests to identify European adolescents at risk of metabolic syndrome: The HELENA study. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 929-934	4.4	17
72	Concurrent validity of supraclavicular skin temperature measured with iButtons and infrared thermography as a surrogate marker of brown adipose tissue. <i>Journal of Thermal Biology</i> , 2019 , 82, 186-196	2.9	8
71	Association of Patterns of Moderate-to-Vigorous Physical Activity Bouts With Pain, Physical Fatigue, and Disease Severity in Women With Fibromyalgia: the al-Īdalus Project. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019 , 100, 1234-1242.e1	2.8	12
70	High Levels of Physical Fitness Are Associated With Better Health-Related Quality of Life in Women With Fibromyalgia: The al-Īdalus Project. <i>Physical Therapy</i> , 2019 , 99, 1481-1494	3.3	5
69	Study protocol and rationale of the "Cogni-action project" a cross-sectional and randomized controlled trial about physical activity, brain health, cognition, and educational achievement in schoolchildren. <i>BMC Pediatrics</i> , 2019 , 19, 260	2.6	6
68	Reliability and Concurrent Validity of Global Physical Activity Questionnaire (GPAQ): A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	26
67	Environmental correlates of total and domain-specific sedentary behaviour in young people. The UP&DOWN study. <i>European Journal of Sport Science</i> , 2019 , 19, 696-706	3.9	7
66	Diet quality and well-being in children and adolescents: the UP&DOWN longitudinal study. <i>British Journal of Nutrition</i> , 2019 , 121, 221-231	3.6	15
65	Muscle Fitness Cut Points for Early Assessment of Cardiovascular Risk in Children and Adolescents. <i>Journal of Pediatrics</i> , 2019 , 206, 134-141.e3	3.6	23
64	Associations of total sedentary time, screen time and non-screen sedentary time with adiposity and physical fitness in youth: the mediating effect of physical activity. <i>Journal of Sports Sciences</i> , 2019 , 37, 839-849	3.6	11
63	Association of sedentary time and physical fitness with ideal cardiovascular health in perimenopausal women: The FLAMENCO project. <i>Maturitas</i> , 2019 , 120, 53-60	5	13
62	The influence of cardiorespiratory fitness on clustered cardiovascular disease risk factors and the mediator role of body mass index in youth: The UP&DOWN Study. <i>Pediatric Diabetes</i> , 2019 , 20, 32-40	3.6	11
61	Changes in compliance with school-based physical activity recommendations in Spanish youth: The UP&DOWN longitudinal study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 554-565	4.6	6
60	Cardiorespiratory fitness and academic performance association is mediated by weight status in adolescents: DADOS study. <i>European Journal of Pediatrics</i> , 2018 , 177, 1037-1043	4.1	6
59	The effect of 12-month participation in osteogenic and non-osteogenic sports on bone development in adolescent male athletes. The PRO-BONE study. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 404-409	4.4	24
58	Active Commuting Behaviours from High School to University in Chile: A Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 16,	4.6	10
57	Kinematic analysis of the standing long jump in children 6- to 12-years-old. <i>Measurement in Physical Education and Exercise Science</i> , 2018 , 22, 70-78	1.9	3

56	Reliability and validity of the Youth Leisure-time Sedentary Behavior Questionnaire (YLSBQ). <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 69-74	4.4	29
55	Lifestyle Clusters in School-Aged Youth and Longitudinal Associations with Fatness: The UP&DOWN Study. <i>Journal of Pediatrics</i> , 2018 , 203, 317-324.e1	3.6	19
54	Independent and combined associations of physical fitness components with inflammatory biomarkers in children and adolescents. <i>Pediatric Research</i> , 2018 , 84, 704-712	3.2	9
53	Association between Clustering of Lifestyle Behaviors and Health-Related Physical Fitness in Youth: The UP&DOWN Study. <i>Journal of Pediatrics</i> , 2018 , 199, 41-48.e1	3.6	20
52	The Role of Adiposity in the Association between Muscular Fitness and Cardiovascular Disease. <i>Journal of Pediatrics</i> , 2018 , 199, 178-185.e4	3.6	12
51	Inertial flywheel resistance training and muscle oxygen saturation. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018 , 58, 1618-1624	1.4	4
50	Assessing Physical FITness In PREschool Children. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 517-518	1.2	1
49	The Potential of Established Fitness Cut-off Points for Monitoring Women with Fibromyalgia: The al-Bdalus Project. <i>International Journal of Sports Medicine</i> , 2017 , 38, 359-369	3.6	5
48	Objectively Measured Physical Activity During Physical Education and School Recess and Their Associations With Academic Performance in Youth: The UP&DOWN Study. <i>Journal of Physical Activity and Health</i> , 2017 , 14, 275-282	2.5	11
47	Neck circumference and clustered cardiovascular risk factors in children and adolescents: cross-sectional study. <i>BMJ Open</i> , 2017 , 7, e016048	3	12
46	Convergent validation of a questionnaire to assess the mode and frequency of commuting to and from school. <i>Scandinavian Journal of Public Health</i> , 2017 , 45, 612-620	3	42
45	Cardiorespiratory Fitness Cutoff Points for Early Detection of Present and Future Cardiovascular Risk in Children: A 2-Year Follow-up Study. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 1753-1762	6.4	25
44	Maternal physical activity before and during the prenatal period and the offspring's academic performance in youth. The UP&DOWN study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 1414-20	2	18
43	Adherence to the Mediterranean diet and academic performance in youth: the UP&DOWN study. <i>European Journal of Nutrition</i> , 2016 , 55, 1133-40	5.2	36
42	Reliability and Validity of Field-Based Tests to Assess Upper-Body Muscular Strength in Children Aged 6-12 Years. <i>Pediatric Exercise Science</i> , 2016 , 28, 331-340	2	14
41	Physical fitness as a mediator between objectively measured physical activity and clustered metabolic syndrome in children and adolescents: The UP&DOWN study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 1011-1019	4.5	18
40	Parental educational level and psychological positive health and health complaints in Spanish children and adolescents. <i>Child: Care, Health and Development</i> , 2016 , 42, 534-43	2.8	24
39	Perceived environment in relation to objective and self-reported physical activity in Spanish youth. The UP&DOWN study. <i>Journal of Sports Sciences</i> , 2016 , 34, 1423-9	3.6	7

38	Validation of Instrumented Insoles for Measuring Height in Vertical Jump. <i>International Journal of Sports Medicine</i> , 2016 , 37, 374-81	3.6	4
37	Assessing physical fitness in preschool children: Feasibility, reliability and practical recommendations for the PREFIT battery. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 910-915	4.4	61
36	Inflammatory biomarkers and academic performance in youth. The UP & DOWN Study. <i>Brain, Behavior, and Immunity</i> , 2016 , 54, 122-127	16.6	8
35	Reliability and Validity of Field-Based Tests to Assess Upper-Body Muscular Strength in Children Aged 6-12 Years. <i>Pediatric Exercise Science</i> , 2016 , 28, 331-40	2	5
34	[Not Available]. <i>Nutricion Hospitalaria</i> , 2016 , 33, 130	1	2
33	The association of total and central body fat with pain, fatigue and the impact of fibromyalgia in women; role of physical fitness. <i>European Journal of Pain</i> , 2016 , 20, 811-21	3.7	12
32	Reliability and feasibility of physical fitness tests in female fibromyalgia patients. <i>International Journal of Sports Medicine</i> , 2015 , 36, 157-62	3.6	39
31	Objectively measured and self-reported leisure-time sedentary behavior and academic performance in youth: The UP&DOWN Study. <i>Preventive Medicine</i> , 2015 , 77, 106-11	4.3	29
30	Independent and combined influence of neonatal and current body composition on academic performance in youth: The UP & DOWN Study. <i>Pediatric Obesity</i> , 2015 , 10, 157-64	4.6	19
29	Association of sleep patterns with psychological positive health and health complaints in children and adolescents. <i>Quality of Life Research</i> , 2015 , 24, 885-95	3.7	23
28	Systematic review and proposal of a field-based physical fitness-test battery in preschool children: the PREFIT battery. <i>Sports Medicine</i> , 2015 , 45, 533-55	10.6	109
27	Reliability and Validity of Tests to Assess Lower-Body Muscular Power in Children. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 2277-85	3.2	64
26	Fitness testing in the fibromyalgia diagnosis: the al-Badalus project. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 451-9	1.2	26
25	Follow-up in healthy schoolchildren and in adolescents with Down syndrome: psycho-environmental and genetic determinants of physical activity and its impact on fitness, cardiovascular diseases, inflammatory biomarkers and mental health; the UP&DOWN study. <i>BMC Public Health</i> , 2014 , 14, 400	4.1	54
24	Objective assessment of sedentary time and physical activity throughout the week in adolescents with Down syndrome. The UP&DOWN study. <i>Research in Developmental Disabilities</i> , 2014 , 35, 482-9	2.7	37
23	Validity and reliability of the 1/4 mile run-walk test in physically active children and adolescents. <i>Nutricion Hospitalaria</i> , 2014 , 31, 875-82	1	1
22	Percentile values for flexibility tests in youths aged 6 to 17 years: Influence of weight status. <i>European Journal of Sport Science</i> , 2013 , 13, 139-148	3.9	14
21	Reliability of the ALPHA health-related fitness test battery in adolescents with Down syndrome. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 3221-4	3.2	28

20	Cardiorespiratory fitness and fatness are associated with health complaints and health risk behaviors in youth. <i>Journal of Physical Activity and Health</i> , 2012 , 9, 642-9	2.5	18
19	Muscular strength and markers of insulin resistance in European adolescents: the HELENA Study. <i>European Journal of Applied Physiology</i> , 2012 , 112, 2455-65	3.4	36
18	Positive health, cardiorespiratory fitness and fatness in children and adolescents. <i>European Journal of Public Health</i> , 2012 , 22, 52-6	2.1	34
17	Associations of muscular fitness with psychological positive health, health complaints, and health risk behaviors in Spanish children and adolescents. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 167-73	3.2	35
16	Field-based fitness assessment in young people: the ALPHA health-related fitness test battery for children and adolescents. <i>British Journal of Sports Medicine</i> , 2011 , 45, 518-24	10.3	330
15	Percentile values for aerobic performance running/walking field tests in children aged 6 to 17 years: influence of weight status. <i>Nutricion Hospitalaria</i> , 2011 , 26, 572-8	1	27
14	Physical Activity, Fitness and Fatness in Children and Adolescents 2011 , 347-366		2
13	Hip flexibility is the main determinant of the back-saver sit-and-reach test in adolescents. <i>Journal of Sports Sciences</i> , 2010 , 28, 641-8	3.6	26
12	Assessing health-related fitness tests in the school setting: reliability, feasibility and safety; the ALPHA Study. <i>International Journal of Sports Medicine</i> , 2010 , 31, 490-7	3.6	63
11	Criterion-related validity of field-based fitness tests in youth: a systematic review. <i>British Journal of Sports Medicine</i> , 2010 , 44, 934-43	10.3	267
10	Percentile values for running sprint field tests in children ages 6-17 years: influence of weight status. <i>Research Quarterly for Exercise and Sport</i> , 2010 , 81, 143-51	1.9	16
9	Assessing muscular strength in youth: usefulness of standing long jump as a general index of muscular fitness. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1810-7	3.2	191
8	Criterion-related validity of the one-mile run/walk test in children aged 8-17 years. <i>Journal of Sports Sciences</i> , 2009 , 27, 405-13	3.6	11
7	Criterion related validity of 1/2 mile run-walk test for estimating VO ₂ peak in children aged 6-17 years. <i>International Journal of Sports Medicine</i> , 2009 , 30, 366-71	3.6	8
6	Criterion-related validity of sit-and-reach and modified sit-and-reach test for estimating hamstring flexibility in children and adolescents aged 6-17 years. <i>International Journal of Sports Medicine</i> , 2009 , 30, 658-62	3.6	60
5	Predictive validity of health-related fitness in youth: a systematic review. <i>British Journal of Sports Medicine</i> , 2009 , 43, 909-23	10.3	474
4	Percentile values for muscular strength field tests in children aged 6 to 17 years: influence of weight status. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2295-310	3.2	84
3	An Analysis of Research on Student Health-Related Fitness Knowledge in K-6 Physical Education Programs. <i>Journal of Teaching in Physical Education</i> , 2009 , 28, 333-349	2.2	44

2	Artificial neural network-based equation for estimating VO ₂ max from the 20 m shuttle run test in adolescents. <i>Artificial Intelligence in Medicine</i> , 2008 , 44, 233-45	7.4	48
1	A meta-analysis of college students' physical activity behaviors. <i>Journal of American College Health</i> , 2005 , 54, 116-25	2.2	335