

Xavier Garc a-Mass ³

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,118
citations

394421

19
h-index

454955

30
g-index

70
all docs

70
docs citations

70
times ranked

1526
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of COVID-19 on the self-reported physical activity of people with complete thoracic spinal cord injury full-time manual wheelchair users. <i>Journal of Spinal Cord Medicine</i> , 2022, 45, 755-759.	1.4	25
2	Effectiveness of the Type of Feedback on Learning to Pass in Volleyball. <i>Journal of Motor Learning and Development</i> , 2022, , 1-16.	0.4	1
3	Encouraging People with Spinal Cord Injury to Take Part in Physical Activity in the COVID-19 Epidemic through the mHealth ParaSportAPP. <i>Healthcare (Switzerland)</i> , 2022, 10, 1069.	2.0	2
4	Do Active Commuters Feel More Competent and Vital? A Self-Organizing Maps Analysis in University Students. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7239.	2.6	0
5	The Relevance of Dual Tasking for Improving Trunk Muscle Endurance After Back Surgery. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 463-469.	0.9	5
6	Gender differences in bicycle sharing system usage in the city of Valencia. <i>Sustainable Cities and Society</i> , 2021, 65, 102556.	10.4	11
7	Perceived movement skill competence in stability: Validity and reliability of a pictorial scale in early adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1135-1143.	2.9	10
8	Validation of Using Smartphone Built-In Accelerometers to Estimate the Active Energy Expenditures of Full-Time Manual Wheelchair Users with Spinal Cord Injury. <i>Sensors</i> , 2021, 21, 1498.	3.8	5
9	The Impact of COVID-19 on Sport in Twitter: A Quantitative and Qualitative Content Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4554.	2.6	8
10	Profiling children longitudinally: A three-year follow-up study of perceived and actual motor competence and physical fitness. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 35-46.	2.9	18
11	The effect of 26 versus 29-inch wheel diameter in the transmission of vibrations in cross-country mountain biking. <i>Sports Biomechanics</i> , 2021, , 1-12.	1.6	2
12	Accelerometer assessment of physical activity in individuals with paraplegia who do and do not participate in physical exercise. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 234-240.	1.4	6
13	Dual task cost in balance control and stability in children from 4-7 years old. <i>Early Child Development and Care</i> , 2020, 190, 2533-2542.	1.3	6
14	Effects of A Dual-Task Intervention in Postural Control and Cognitive Performance in Adolescents. <i>Journal of Motor Behavior</i> , 2020, 52, 187-195.	0.9	11
15	The influence of wearing ski-boots with different rigidity characteristics on postural control. <i>Sports Biomechanics</i> , 2020, 19, 157-167.	1.6	5
16	Profiling movement behaviours in pre-school children: A self-organised map approach. <i>Journal of Sports Sciences</i> , 2020, 38, 150-158.	2.0	6
17	Children's Single-Leg Landing Movement Capability Analysis According to the Type of Sport Practiced. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6414.	2.6	5
18	Physical Activity-Related Profiles of Female Sixth-Graders Regarding Motivational Psychosocial Variables: A Cluster Analysis Within the CReActivity Project. <i>Frontiers in Psychology</i> , 2020, 11, 580563.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Rate of concurrent augmented auditory feedback in postural control learning in adolescents. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2020, , 15-21.	0.3	0
20	Different neighborhood walkability indexes for active commuting to school are necessary for urban and rural children and adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 124.	4.6	35
21	Impact of Visual Biofeedback of Trunk Sway Smoothness on Motor Learning during Unipedal Stance. <i>Sensors</i> , 2020, 20, 2585.	3.8	5
22	Effects of dual-task demands on the complexity and task performance of submaximal isometric handgrip force control. <i>European Journal of Applied Physiology</i> , 2020, 120, 1251-1261.	2.5	8
23	Postural Control Profiles of Typically Developing Children From 6 to 12 Years old: An Approach Using Self-Organizing Maps. <i>Journal of Motor Learning and Development</i> , 2020, 8, 52-66.	0.4	4
24	Sensory Reweighting During Bipedal Quiet Standing in Adolescents. <i>Motor Control</i> , 2020, 24, 383-396.	0.6	1
25	Motivation to Physical Exercise in Manual Wheelchair Users With Paraplegia. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2020, 26, 1-10.	1.8	5
26	Assessment of haemophilic arthropathy through balance analysis: a promising tool. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 418-425.	1.6	5
27	Adolescents' Postural Control Learning According to the Frequency of Knowledge of Process. <i>Journal of Motor Learning and Development</i> , 2019, 7, 204-214.	0.4	2
28	Nature-based Tourism or Mass Tourism in Nature? Segmentation of Mountain Protected Area Visitors Using Self-Organizing Maps (SOM). <i>Sustainability</i> , 2019, 11, 1314.	3.2	28
29	Reliability of a new analysis to compute time to stabilization following a single leg drop jump landing in children. <i>PLoS ONE</i> , 2019, 14, e0212124.	2.5	4
30	Identifying profiles of children at risk of being less physically active: an exploratory study using a self-organised map approach for motor competence. <i>Journal of Sports Sciences</i> , 2019, 37, 1356-1364.	2.0	28
31	Built Environment, Psychosocial Factors and Active Commuting to School in Adolescents: Clustering a Self-Organizing Map Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 83.	2.6	43
32	Ski Boots Do Not Impair Standing Balance by Restricting Ankle-Joint Mobility. <i>Human Factors</i> , 2019, 61, 214-224.	3.5	0
33	Effect of Concurrent Visual Feedback Frequency on Postural Control Learning in Adolescents. <i>Journal of Motor Behavior</i> , 2019, 51, 193-198.	0.9	6
34	Efectos de la auto-selección del foco de atención durante el aprendizaje de una tarea de control postural (Effect of self-selection of the attentional focus during a postural control task learning). <i>Retos</i> , 2019, , 93-99.	0.3	0
35	Obesity Affects Postural Control in Middle Childhood and Adolescence but not in Early Childhood. <i>Journal of Motor Learning and Development</i> , 2019, 7, 307-319.	0.4	0
36	Fatigue does not conjointly alter postural and cognitive performance when standing in a shooting position under dual-task conditions. <i>Journal of Sports Sciences</i> , 2018, 36, 1-7.	2.0	4

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37	Visual tasks and stance width influence the spatial magnitude and temporal dynamics of standing body sway in 6- to 12-year old children. <i>Human Movement Science</i> , 2018, 59, 56-65.	1.4	9
38	Relationship between body composition and postural control in prepubertal overweight/obese children: A cross-sectional study. <i>Clinical Biomechanics</i> , 2018, 52, 1-6.	1.2	11
39	Working Memory Task Influence in Postural Stability and Cognitive Function in Adolescents. <i>Motor Control</i> , 2018, 22, 425-435.	0.6	10
40	An author keyword analysis for mapping Sport Sciences. <i>PLoS ONE</i> , 2018, 13, e0201435.	2.5	26
41	Multifactorial combinations predicting active vs inactive stages of change for physical activity in adolescents considering built environment and psychosocial factors: A classification tree approach. <i>Health and Place</i> , 2018, 53, 150-154.	3.3	6
42	Dolor de espalda en estudiantes de entre 12 y 17 años: aproximación multifactorial basada en árboles de decisión. <i>Fisioterapia</i> , 2018, 40, 241-248.	0.2	1
43	Inter-joint coordination of posture on a seesaw device. <i>Journal of Electromyography and Kinesiology</i> , 2017, 34, 72-79.	1.7	13
44	Relationship between the practice of physical activity and quality of movement in adolescents: a screening tool using self-organizing maps. <i>Physician and Sportsmedicine</i> , 2017, 45, 271-279.	2.1	9
45	Relationship between body composition and vertical ground reaction forces in obese children when walking. <i>Clinical Biomechanics</i> , 2017, 41, 77-81.	1.2	13
46	Effects of dual task difficulty in motor and cognitive performance: Differences between adults and adolescents. <i>Human Movement Science</i> , 2017, 55, 8-17.	1.4	26
47	Analyzing Spatial Behavior of Backcountry Skiers in Mountain Protected Areas Combining GPS Tracking and Graph Theory. <i>Symmetry</i> , 2017, 9, 317.	2.2	18
48	Longitudinal changes in physical activity, sedentary behavior and body mass index in adolescence: Migrations towards different weight cluster. <i>PLoS ONE</i> , 2017, 12, e0179502.	2.5	16
49	Automated detection of protein unfolding events in atomic force microscopy force curves. <i>Microscopy Research and Technique</i> , 2016, 79, 1105-1111.	2.2	7
50	The Work Endurance Recovery Method for Quantifying Training Loads in Judo. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 913-919.	2.3	9
51	Competing Effects Between Screen Media Time and Physical Activity in Adolescent Girls: Clustering a Self-Organizing Maps Analysis. <i>Journal of Physical Activity and Health</i> , 2016, 13, 579-586.	2.0	9
52	Differences in intermittent postural control between normal-weight and obese children. <i>Gait and Posture</i> , 2016, 49, 1-6.	1.4	32
53	Physical activity, physical fitness and academic achievement in adolescents: a self-organizing maps approach. <i>Health Education Research</i> , 2015, 30, 436-448.	1.9	38
54	Postural Control Mechanisms in Healthy Adults in Sitting and Standing Positions. <i>Perceptual and Motor Skills</i> , 2015, 121, 119-134.	1.3	11

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55	Resilience Patterns. <i>International Journal of Aging and Human Development</i> , 2015, 80, 316-331.	1.6	5
56	The difficulty of postural tasks amplifies the effects of fatigue on postural stability. <i>European Journal of Applied Physiology</i> , 2015, 115, 489-495.	2.5	7
57	Use of Heart Rate Variability in Monitoring Stress and Recovery in Judo Athletes. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 1896-1905.	2.1	54
58	Evaluating the structure and use of hiking trails in recreational areas using a mixed GPS tracking and graph theory approach. <i>Applied Geography</i> , 2014, 55, 184-192.	3.7	56
59	Screen Media Usage, Sleep Time and Academic Performance in Adolescents: Clustering a Self-Organizing Maps Analysis. <i>PLoS ONE</i> , 2014, 9, e99478.	2.5	67
60	Construct and concurrent validation of a new resistance intensity scale for exercise with Thera-Band® elastic bands. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 758-66.	1.6	33
61	Concurrent Validation of the OMNI-Resistance Exercise Scale of Perceived Exertion With Thera-Band Resistance Bands. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 3018-3024.	2.1	92
62	Effects of Aquatic and Dry Land Resistance Training Devices on Body Composition and Physical Capacity in Postmenopausal Women. <i>Journal of Human Kinetics</i> , 2012, 32, 185-195.	1.5	46
63	The Progression of Paraspinal Muscle Recruitment Intensity in Localized and Global Strength Training Exercises Is Not Based on Instability Alone. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1875-1883.	0.9	44
64	Myoelectric Activation and Kinetics of Different Plyometric Push-Up Exercises. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2040-2047.	2.1	30
65	Relation between Physical Activity and Academic Performance in 3rd-Year Secondary Education Students. <i>Perceptual and Motor Skills</i> , 2011, 113, 539-546.	1.3	21
66	Deadlift Muscle Force and Activation Under Stable and Unstable Conditions. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2723-2730.	2.1	42
67	A Lower-Limb Training Program to Improve Balance in Healthy Elderly Women Using the T-Bow® Device. <i>Physician and Sportsmedicine</i> , 2009, 37, 127-135.	2.1	13
68	Technique and Safety Aspects of Resistance Exercises: A Systematic Review of the Literature. <i>Physician and Sportsmedicine</i> , 2009, 37, 104-111.	2.1	34
69	Capturing the multidimensionality of motivation in physical education: A self-organizing maps approach to profiling students. <i>European Physical Education Review</i> , 0, , 1356336X2210883.	2.0	1