

# Carlos D GÃ³mez-Carmona

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,317  
citations

393982

19  
h-index

395343

33  
g-index

72  
all docs

72  
docs citations

72  
times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity and reliability of an eight antennae ultra-wideband local positioning system to measure performance in an indoor environment. <i>Sports Biomechanics</i> , 2024, 23, 145-155.	0.8	17
2	A longitudinal analysis and data mining of the most representative external workload indicators of the whole elite Mexican soccer clubs. <i>International Journal of Performance Analysis in Sport</i> , 2023, 23, 139-154.	0.5	2
3	Comparative external workload analysis based on the new functional classification in cerebral palsy football 7-a-side. A full-season study. <i>Research in Sports Medicine</i> , 2022, 30, 295-307.	0.7	3
4	Effect of training day, match, and length of the microcycle on workload periodization in professional soccer players: a full-season study. <i>Biology of Sport</i> , 2022, 39, 397-406.	1.7	15
5	Setting Kinematic Parameters That Explain Youth Basketball Behavior: Influence of Relative Age Effect According to Playing Position. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 820-826.	1.0	15
6	Characterization and sex-related differences in the multi-location external workload profile of semiprofessional basketball players. A cross-sectional study. <i>European Journal of Sport Science</i> , 2022, 22, 1816-1826.	1.4	4
7	Individualization of Intensity Thresholds on External Workload Demands in Women's Basketball by K-Means Clustering: Differences Based on the Competitive Level. <i>Sensors</i> , 2022, 22, 324.	2.1	11
8	A Proposal of Speed Zone Classification in Basketball: A New-Criteria Based on Maximum Registered Values. <i>MHSalud</i> , 2022, 19, 1-15.	0.1	0
9	Impact of contextual variables on the representative external load profile of Spanish professional soccer match-play: A full season study. <i>European Journal of Sport Science</i> , 2021, 21, 497-506.	1.4	59
10	Accuracy, inter-unit reliability and comparison between GPS and UWB-based tracking systems for measuring centripetal force during curvilinear locomotion. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2021, 235, 237-248.	0.4	3
11	Detection of neuromechanical acute fatigue-related responses during a duathlon simulation: Is tensiomyography sensitive enough?. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2021, 235, 53-61.	0.4	5
12	What is the most suitable sampling frequency to register accelerometry-based workload? A case study in soccer. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2021, 235, 114-121.	0.4	6
13	Training Design, Performance Analysis, and Talent Identification—A Systematic Review about the Most Relevant Variables through the Principal Component Analysis in Soccer, Basketball, and Rugby. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2642.	1.2	46
14	Effect of training day, match, and length of the microcycle on the worst-case scenarios in professional soccer players. <i>Research in Sports Medicine</i> , 2021, , 1-14.	0.7	11
15	Multi-location external workload profile in U-18 soccer players. [Perfil multi-ubicación de carga externa en jugadores de fútbol sub-18]. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2021, 17, 124-139.	0.1	4
16	Assessment of the Multi-Location External Workload Profile in the Most Common Movements in Basketball. <i>Sensors</i> , 2021, 21, 3441.	2.1	5
17	Impact of high-heeled and sport shoes on multi-joint external load profile during walking. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2021, 34, 389-398.	0.4	0
18	Multi-Location External Workload Profile in Women's Basketball Players. A Case Study at the Semiprofessional-Level. <i>Sensors</i> , 2021, 21, 4277.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Accuracy of Xiaomi Mi Band 2.0, 3.0 and 4.0 to measure step count and distance for physical activity and healthcare in adults over 65 years. <i>Gait and Posture</i> , 2021, 87, 6-10.	0.6	20
20	Exploring Physical Fitness Profile of Male and Female Semiprofessional Basketball Players through Principal Component Analysisâ€”A Case Study. <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 67.	1.1	6
21	Accuracy and Reliability of Inertial Devices for Load Assessment During Flywheel Workout. <i>MHSalud</i> , 2021, 19, 1-11.	0.1	0
22	Validity of an inertial device for measuring linear and angular velocity in a leg extension exercise. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020, 234, 30-36.	0.4	5
23	Monopodal Postural Stability Assessment by Wireless Inertial Measurement Units Through the Fast Fourier Transform. <i>Journal of Sport Rehabilitation</i> , 2020, 29, 738-747.	0.4	4
24	Lower-limb Dynamics of Muscle Oxygen Saturation During the Back-squat Exercise: Effects of Training Load and Effort Level. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1227-1236.	1.0	14
25	Worst case scenario match analysis and contextual variables in professional soccer players: a longitudinal study. <i>Biology of Sport</i> , 2020, 37, 429-436.	1.7	44
26	A Systematic Review of Methods and Criteria Standard Proposal for the Use of Principal Component Analysis in Teamâ€™s Sports Science. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8712.	1.2	51
27	Accelerometry as a method for external workload monitoring in invasion team sports. A systematic review. <i>PLoS ONE</i> , 2020, 15, e0236643.	1.1	64
28	Proposal of accuracy analysis of indoor tracking systems in basketball. <i>Journal of Physical Education (Maringa)</i> , 2020, 31, .	0.1	0
29	ACELT Y PLAYER LOAD: DOS VARIABLES PARA LA CUANTIFICACIÃ“N DE LA CARGA NEUROMUSCULAR. <i>Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte</i> , 2020, 20, 167.	0.1	5
30	Are there differences between the loading of an anaerobic capacity test and an agility test in basketball players?. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2020, 22, .	0.5	1
31	Using an Inertial Device (WIMU PRO) to Quantify Neuromuscular Load in Running: Reliability, Convergent Validity, and Influence of Type of Surface and Device Location. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 365-373.	1.0	37
32	Influence of Contextual Variables in the Changes of Direction and Centripetal Force Generated during an Elite-Level Soccer Team Season. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 967.	1.2	23
33	Influence of Contextual Variables on Physical and Technical Performance in Male Amateur Basketball: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1193.	1.2	12
34	Quarterâ€™s external workload demands of basketball referees during a European youth congested-fixture tournament. <i>International Journal of Performance Analysis in Sport</i> , 2020, 20, 432-444.	0.5	10
35	Influence of playing position and laterality in centripetal force and changes of direction in elite soccer players. <i>PLoS ONE</i> , 2020, 15, e0232123.	1.1	28
36	Identification of games and sex-related activity profile in junior international badminton. <i>International Journal of Performance Analysis in Sport</i> , 2020, 20, 323-338.	0.5	10

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37	Match and Training High Intensity Activity-Demands Profile during a Competitive Mesocycle in Youth Elite Soccer Players. <i>Journal of Human Kinetics</i> , 2020, 75, 195-205.	0.7	30
38	Variaci3n de la velocidad y la frecuencia cardiaca durante un marat3n en un ambiente caluroso. <i>Pensar En Movimiento: Revista De Ciencias Del Ejercicio Y La Salud</i> , 2020, 18, e42155.	0.1	0
39	Variaci3n de la velocidad y la frecuencia cardiaca durante un marat3n en un ambiente caluroso. <i>Pensar En Movimiento: Revista De Ciencias Del Ejercicio Y La Salud</i> , 2020, 18, e37602.	0.1	1
40	Title is missing!. , 2020, 15, e0236643.		0
41	Title is missing!. , 2020, 15, e0236643.		0
42	Title is missing!. , 2020, 15, e0236643.		0
43	Title is missing!. , 2020, 15, e0236643.		0
44	Title is missing!. , 2020, 15, e0236643.		0
45	Title is missing!. , 2020, 15, e0236643.		0
46	Title is missing!. , 2020, 15, e0236643.		0
47	Title is missing!. , 2020, 15, e0236643.		0
48	Validity and reliability of an inertial device (WIMU PROTM) to quantify physical activity level through steps measurement. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 587-592.	0.4	15
49	External Workload Indicators of Muscle and Kidney Mechanical Injury in Endurance Trail Running. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3909.	1.2	41
50	Impact of Contextual Factors on External Load During a Congested-Fixture Tournament in Elite Uâ€™18 Basketball Players. <i>Frontiers in Psychology</i> , 2019, 10, 1100.	1.1	53
51	Accuracy and Inter-Unit Reliability of Ultra-Wide-Band Tracking System in Indoor Exercise. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 939.	1.3	96
52	Comparing accuracy between global positioning systems and ultra-wideband-based position tracking systems used for tactical analyses in soccer. <i>European Journal of Sport Science</i> , 2019, 19, 1157-1165.	1.4	66
53	From big data mining to technical sport reports: the case of inertial measurement units. <i>BMJ Open Sport and Exercise Medicine</i> , 2019, 5, e000565.	1.4	46
54	Accelerometry-Based External Load Indicators in Sport: Too Many Options, Same Practical Outcome?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5101.	1.2	33

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55	Demandas tácticas de juegos reducidos en fútbol: influencia de la tecnología utilizada. Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte, 2019, 19, 729.	0.1	9
56	Static and dynamic reliability of WIMU PRO <sup>®</sup> accelerometers according to anatomical placement. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2019, 233, 238-248.	0.4	35
57	Estudio de la carga interna y externa a través de diferentes instrumentos. Un estudio de casos en fútbol formativo. Sportis, 2019, 5, 444-468.	0.1	13
58	Player Load and Metabolic Power Dynamics as Load Quantifiers in Soccer. Journal of Human Kinetics, 2019, 69, 259-269.	0.7	41
59	Luxación esternoclavicular posterior. Revista Andaluza De Medicina Del Deporte, 2019, 12, 128-130.	0.1	1
60	Análisis de los factores que influyen en la cooperación deportiva en las actividades gimnásticas grupales no competitivas (Analysis of factors influencing sport cooperation in noncompetitive group) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	9
61	Estudio de las variables pedagógicas en tareas de entrenamiento en fútbol-base según el mesociclo competitivo. Un estudio de casos (Study of the pedagogical variables in grassroots football training) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	9
62	Influencia del perfil del entrenador en el diseño de tareas en fútbol-base. Estudio de casos (Influence) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 204-212.	0.3	0
63	Accuracy, intra- and inter-unit reliability, and comparison between GPS and LiWB <sup>®</sup> -based position-tracking systems used for time-motion analyses in soccer. European Journal of Sport Science, 2018, 18, 450-457.	1.4	181
64	Comparative Analysis of Load Profile between Small-Sided Games and Official Matches in Youth Soccer Players. Sports, 2018, 6, 173.	0.7	45
65	Influencia del resultado en las demandas de carga externa durante la competición oficial en baloncesto formativo. Cuadernos De Psicología Del Deporte, 2018, 19, 262-274.	0.2	4
66	Análisis de las tareas de entrenamiento en fútbol-base: diferencias entre dos meses durante el periodo competitivo en la categoría sub-19. Sportis, 2018, 5, 30-52.	0.1	2
67	Validity of an inertial system to measure sprint time and sport task time: a proposal for the integration of photocells in an inertial system. International Journal of Performance Analysis in Sport, 2017, 17, 600-608.	0.5	31
68	Kinematic and physiological analysis of the performance of the referee football and its relationship with decision making. Journal of Human Sport and Exercise, 2016, 11, .	0.2	16
69	Analysis of playing position and match status-related differences in external load demands on amateur handball: a case study. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 22, .	0.5	6
70	INFLUENCIA DE LA MODIFICACIÓN DE LA LÓGICA INTERNA EN LAS EMOCIONES PERCIBIDAS EN ESTUDIANTES ADOLESCENTES DURANTE LAS SESIONES DE EXPRESIÓN CORPORAL. Movimento, 0, 25, e25009.	0.5	2
71	Analysis of sex-related differences in external load demands on beach handball. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 22, .	0.5	3
72	Psychosocial status of Physical Education teachers according to socio-demographic characteristics (Condición psicosocial de los profesores de Educación Física según las características) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (	0.1	9