

# 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	Accuracy, intra-unit and inter-unit reliability, and comparison between GPS and UWB-based position-tracking systems used for time-motion analyses in soccer. <i>European Journal of Sport Science</i> , 2018, 18, 450-457.	1.4	181
2	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
3	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
4	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
5	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
6	Impact of Contextual Factors on External Load During a Congested-Fixture Tournament in Elite U <sup>TM</sup> 18 Basketball Players. <i>Frontiers in Psychology</i> , 2019, 10, 1100.	1.1	53
7	A Systematic Review of Methods and Criteria Standard Proposal for the Use of Principal Component Analysis in Team's Sports Science. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8712.	1.2	51
8	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
9	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
10	Comparative Analysis of Load Profile between Small-Sided Games and Official Matches in Youth Soccer Players. <i>Sports</i> , 2018, 6, 173.	0.7	45
11	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
12	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
13	Player Load and Metabolic Power Dynamics as Load Quantifiers in Soccer. <i>Journal of Human Kinetics</i> , 2019, 69, 259-269.	0.7	41
14	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
15	Static and dynamic reliability of WIMU PRO <sup>®</sup> accelerometers according to anatomical placement. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2019, 233, 238-248.	0.4	35
16	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
17	Validity of an inertial system to measure sprint time and sport task time: a proposal for the integration of photocells in an inertial system. <i>International Journal of Performance Analysis in Sport</i> , 2017, 17, 600-608.	0.5	31
18	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

#	ARTICLE	IF	CITATIONS
19	Influence of playing position and laterality in centripetal force and changes of direction in elite soccer players. PLoS ONE, 2020, 15, e0232123.	1.1	28
20	Influence of Contextual Variables in the Changes of Direction and Centripetal Force Generated during an Elite-Level Soccer Team Season. International Journal of Environmental Research and Public Health, 2020, 17, 967.	1.2	23
21	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. Gait and Posture, 2021, 87, 6-10.	0.6	20
22	Validity and reliability of an eight antennae ultra-wideband local positioning system to measure performance in an indoor environment. Sports Biomechanics, 2024, 23, 145-155.	0.8	17
23	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
24	Validity and reliability of an inertial device (WIMU PROTM) to quantify physical activity level through steps measurement. Journal of Sports Medicine and Physical Fitness, 2019, 59, 587-592.	0.4	15
25	Effect of training day, match, and length of the microcycle on workload periodization in professional soccer players: a full-season study. Biology of Sport, 2022, 39, 397-406.	1.7	15
26	Setting Kinematic Parameters That Explain Youth Basketball Behavior: Influence of Relative Age Effect According to Playing Position. Journal of Strength and Conditioning Research, 2022, 36, 820-826.	1.0	15
27	Lower-limb Dynamics of Muscle Oxygen Saturation During the Back-squat Exercise: Effects of Training Load and Effort Level. Journal of Strength and Conditioning Research, 2020, 34, 1227-1236.	1.0	14
28	Estudio de la carga interna y externa a travÃ©s de diferentes instrumentos. Un estudio de casos en fÃ©tbol formativo. Sportis, 2019, 5, 444-468.	0.1	13
29	Influence of Contextual Variables on Physical and Technical Performance in Male Amateur Basketball: A Case Study. International Journal of Environmental Research and Public Health, 2020, 17, 1193.	1.2	12
30	Effect of training day, match, and length of the microcycle on the worst-case scenarios in professional soccer players. Research in Sports Medicine, 2021, , 1-14.	0.7	11
31	Individualization of Intensity Thresholds on External Workload Demands in Women's Basketball by K-Means Clustering: Differences Based on the Competitive Level. Sensors, 2022, 22, 324.	2.1	11
32	Quarter's external workload demands of basketball referees during a European youth congested-fixtue tournament. International Journal of Performance Analysis in Sport, 2020, 20, 432-444.	0.5	10
33	Identification of games and sex-related activity profile in junior international badminton. International Journal of Performance Analysis in Sport, 2020, 20, 323-338.	0.5	10
34	Demandas tÃ©cticas de juegos reducidos en fÃ©tbol: influencia de la tecnologÃ­a utilizada. Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte, 2019, 19, 729.	0.1	9
35	What is the most suitable sampling frequency to register accelerometry-based workload? A case study in soccer. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2021, 235, 114-121.	0.4	6
36	Exploring Physical Fitness Profile of Male and Female Semiprofessional Basketball Players through Principal Component Analysis: A Case Study. Journal of Functional Morphology and Kinesiology, 2021, 6, 67.	1.1	6

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37	Analysis of playing position and match status-related differences in external load demands on amateur handball: a case study. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 0, 22, .	0.5	6
38	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
39	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
40	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
41	Assessment of the Multi-Location External Workload Profile in the Most Common Movements in Basketball. <i>Sensors</i> , 2021, 21, 3441.	2.1	5
42	Influencia del resultado en las demandas de carga externa durante la competiÃ“n oficial en baloncesto formaciÃ“n. <i>Cuadernos De Psicologia Del Deporte</i> , 2018, 19, 262-274.	0.2	4
43	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
44	Multi-location external workload profile in U-18 soccer players. [Perfil multi-ubicaciÃ“n de carga externa en jugadores de fÃ“tbol sub-18].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2021, 17, 124-139.	0.1	4
45	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
46	Psychosocial status of Physical Education teachers according to socio-demographic characteristics (CondicÃ“n psicossocial de los profesores de EducaciÃ“n FÃsica segÃ“n las caracterÃsticas) <i>TJ ETQq0 0 0 rgBT /Overlook 10 T450 377 Td</i>		
47	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
48	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
49	Multi-Location External Workload Profile in Womenâ€™s Basketball Players. A Case Study at the Semiprofessional-Level. <i>Sensors</i> , 2021, 21, 4277.	2.1	3
50	Analysis of sex-related differences in external load demands on beach handball. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 0, 22, .	0.5	3
51	AnÃlisis de las tareas de entrenamiento en fÃ“tbol-base: diferencias entre dos meses durante el periodo competitivo en la categorÃa sub-19. <i>Sportis</i> , 2018, 5, 30-52.	0.1	2
52	INFLUENCIA DE LA MODIFICACIÃ“N DE LA LÃ“GICA INTERNA EN LAS EMOCIONES PERCIBIDAS EN ESTUDIANTES ADOLESCENTES DURANTE LAS SESIONES DE EXPRESIÃ“N CORPORAL. <i>Movimento</i> , 0, 25, e25009.	0.5	2
53	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
54	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

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55	Luxación esternoclavicular posterior. Revista Andaluza De Medicina Del Deporte, 2019, 12, 128-130.	0.1	1
56	Variación de la velocidad y la frecuencia cardiaca durante un maratón en un ambiente caluroso. Pensar En Movimiento: Revista De Ciencias Del Ejercicio Y La Salud, 2020, 18, e37602.	0.1	1
57	Proposal of accuracy analysis of indoor tracking systems in basketball. Journal of Physical Education (Maringa), 2020, 31, .	0.1	0
58	Impact of high-heeled and sport shoes on multi-joint external load profile during walking. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 389-398.	0.4	0
59	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 ETQq1 1 0 0 34314 rgBT /Overlock 10 Tf 5	0.3	0
60	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 ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	0
61	Variación de la velocidad y la frecuencia cardiaca durante un maratón en un ambiente caluroso. Pensar En Movimiento: Revista De Ciencias Del Ejercicio Y La Salud, 2020, 18, e42155.	0.1	0
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 5 204-212.	0.3	0
63	Accuracy and Reliability of Inertial Devices for Load Assessment During Flywheel Workout. MHSalud, 2021, 19, 1-11.	0.1	0
64	Title is missing!. , 2020, 15, e0236643.		0
65	Title is missing!. , 2020, 15, e0236643.		0
66	Title is missing!. , 2020, 15, e0236643.		0
67	Title is missing!. , 2020, 15, e0236643.		0
68	Title is missing!. , 2020, 15, e0236643.		0
69	Title is missing!. , 2020, 15, e0236643.		0
70	Title is missing!. , 2020, 15, e0236643.		0
71	Title is missing!. , 2020, 15, e0236643.		0
72	A Proposal of Speed Zone Classification in Basketball: A New-Criteria Based on Maximum Registered Values. MHSalud, 2022, 19, 1-15.	0.1	0