

# JosÃ© Pino-Ortega

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

1,814  
citations

257101

24  
h-index

360668

35  
g-index

109  
all docs

109  
docs citations

109  
times ranked

874  
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	Analysis of key external and internal load variables in professional female futsal players: a longitudinal study. <i>Research in Sports Medicine</i> , 2023, 31, 309-318.	0.7	5
3	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
4	The effects of different small-sided games configurations on heart rate, rating of perceived exertion, and running demands in professional soccer players. <i>European Journal of Sport Science</i> , 2023, 23, 1214-1222.	1.4	2
5	Comparison of the validity and reliability of local positioning systems against other tracking technologies in team sport: A systematic review. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2022, 236, 73-82.	0.4	19
6	Comparing Sampling Frequencies to Measure Collective Tactical Variables During Soccer Training. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 2862-2867.	1.0	2
7	Training effects of artificial rules on youth soccer team tactical behavior. <i>Physical Education and Sport Pedagogy</i> , 2022, 27, 467-482.	1.8	4
8	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
9	Reference values for collective tactical behaviours based on positional data in professional football matches: a systematic review. <i>Biology of Sport</i> , 2022, 39, 101-114.	1.7	5
10	Guidelines for performing systematic reviews in sports science. <i>Biology of Sport</i> , 2022, 39, 463-471.	1.7	36
11	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
12	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
13	Practical Applications for Designing Soccer Training Tasks from Multivariate Data Analysis: A Systematic Review Emphasizing Tactical Training. <i>Perceptual and Motor Skills</i> , 2022, , 003151252110734.	0.6	4
14	Analysis of the Objective Internal Load in Portuguese Skydivers in the First Jump of the Day. <i>Sensors</i> , 2022, 22, 3298.	2.1	0
15	The Most Demanding Exercise in Different Training Tasks in Professional Female Futsal: A Mid-Season Study through Principal Component Analysis. <i>Healthcare (Switzerland)</i> , 2022, 10, 838.	1.0	2
16	Different Sampling Frequencies to Calculate Collective Tactical Variables during Competition: A Case of an Official Female's Soccer Match. <i>Sensors</i> , 2022, 22, 4508.	2.1	2
17	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
18	Anthropometric, aerobic and muscle power profile of young Costa Rican basketball players. <i>Pensar En Movimiento: Revista De Ciencias Del Ejercicio Y La Salud</i> , 2022, 20, e48357.	0.1	1

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19	Impact of contextual variables on the representative external load profile of Spanish professional soccer matchâ€play: A full season study. <i>European Journal of Sport Science</i> , 2021, 21, 497-506.	1.4	59
20	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
21	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
22	Physical fitness and conditioning in badminton school matches: a comparison between modalities and sexes. <i>International Journal of Performance Analysis in Sport</i> , 2021, 21, 51-60.	0.5	2
23	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
24	A systematic review of collective tactical behavior in futsal using positional data. <i>Biology of Sport</i> , 2021, 38, 23-36.	1.7	13
25	Identification, Computational Examination, Critical Assessment and Future Considerations of Spatial Tactical Variables to Assess the Use of Space in Team Sports by Positional Data: A Systematic Review. <i>Journal of Human Kinetics</i> , 2021, 77, 205-221.	0.7	8
26	Training Design, Performance Analysis, and Talent Identificationâ€”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
27	Part I: Relationship among Training Load Management, Salivary Immunoglobulin A, and Upper Respiratory Tract Infection in Team Sport: A Systematic Review. <i>Healthcare (Switzerland)</i> , 2021, 9, 366.	1.0	7
28	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
29	Multi-location external workload profile in U-18 soccer players. [Perfil multi-ubicaciÃ³n de carga externa en jugadores de fÃºtbol sub-18].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2021, 17, 124-139.	0.1	4
30	Principal component analysis identifies different representative match load profiles in international womenâ€™s field hockey based on playing positions. [El anÃ¡lisis de componentes principales identifica diferentes perfiles de rendimiento en funciÃ³n de las posiciones en partidos internacionales de hockey hierba femenino].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2021, 17, 112-123.	0.1	2
31	Validity and Reliability of Mobile Applications for Assessing Strength, Power, Velocity, and Change-of-Direction: A Systematic Review. <i>Sensors</i> , 2021, 21, 2623.	2.1	8
32	Validity and Reliability of the Inertial Measurement Unit for Barbell Velocity Assessments: A Systematic Review. <i>Sensors</i> , 2021, 21, 2511.	2.1	26
33	The Influence of Antenna Height on the Measurement of Collective Variables Using an Ultra-Wide Band Based Local Positioning System in Team Sports. <i>Sensors</i> , 2021, 21, 2424.	2.1	3
34	Assessment of the Multi-Location External Workload Profile in the Most Common Movements in Basketball. <i>Sensors</i> , 2021, 21, 3441.	2.1	5
35	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
36	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

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37	Relationships between Sleep, Athletic and Match Performance, Training Load, and Injuries: A Systematic Review of Soccer Players. <i>Healthcare (Switzerland)</i> , 2021, 9, 808.	1.0	16
38	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
39	Relationship between Training Load Management and Immunoglobulin A to Avoid Immunosuppression after Soccer Training and Competition: A Theoretical Framework Based on COVID-19 for Athletes™. <i>Healthcare (Switzerland)</i> , 2021, 9, 856.	1.0	5
40	Exploring Physical Fitness Profile of Male and Female Semiprofessional Basketball Players through Principal Component Analysis™ A Case Study. <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 67.	1.1	6
41	Outpatient Assessment of Mechanical Load, Heat Strain and Dehydration as Causes of Transitional Acute Kidney Injury in Endurance Trail Runners. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10217.	1.2	11
42	A Principal Component Analysis in futsal according to game halves: A case study of an amateur futsal cup final. [Análisis de componentes principales en fútbol sala según las partes de juego: un estudio de caso en una final de copa amateur].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2021, 17, 88-101.	0.1	5
43	Playing Non-Professional Football in COVID-19 Time: A Narrative Review of Recommendations, Considerations, and Best Practices. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 568.	1.2	13
44	Sport Specific Skills Differentiates Performance Levels Better Than Anthropometric or Physiological Factors in Beach Handball. <i>Research Quarterly for Exercise and Sport</i> , 2021, , 1-6.	0.8	3
45	Validity and reliability of linear position transducers and linear velocity transducers: a systematic review. <i>Sports Biomechanics</i> , 2021, , 1-30.	0.8	9
46	Accuracy and Reliability of Inertial Devices for Load Assessment During Flywheel Workout. <i>MHSalud</i> , 2021, 19, 1-11.	0.1	0
47	Influence of Football Match-Play on Isometric Knee Flexion Strength and Passive Hip Flexion Range of Motion in Football Referees and Assistant Referees. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11941.	1.2	4
48	A Systematic Review of the Effects of Football Playing on Changes in Serum Brain-Derived Neurotrophic Factor Level. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11828.	1.3	1
49	The use of technology and sampling frequency to measure variables of tactical positioning in team sports: a systematic review. <i>Research in Sports Medicine</i> , 2020, 28, 279-292.	0.7	27
50	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
51	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
52	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
53	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
54	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

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55	Variability of the Motor Behavior during Continued Practice of the Same Motor Game: A Preliminary Study. <i>Sustainability</i> , 2020, 12, 9731.	1.6	1
56	Proteinuria and Bilirubinuria as Potential Risk Indicators of Acute Kidney Injury during Running in Outpatient Settings. <i>Medicina (Lithuania)</i> , 2020, 56, 562.	0.8	7
57	A comparison between UWB and GPS devices in the measurement of external load and collective tactical behaviour variables during a professional official match. <i>International Journal of Performance Analysis in Sport</i> , 2020, 20, 994-1002.	0.5	14
58	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
59	Accuracy and Reliability of Local Positioning Systems for Measuring Sport Movement Patterns in Stadium-Scale: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5994.	1.3	26
60	Proposal of accuracy analysis of indoor tracking systems in basketball. <i>Journal of Physical Education (Maringa)</i> , 2020, 31, .	0.1	0
61	Potential Use of Wearable Sensors to Assess Cumulative Kidney Trauma in Endurance Off-Road Running. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 93.	1.1	5
62	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
63	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
64	Identification, Computational Examination, Critical Assessment and Future Considerations of Distance Variables to Assess Collective Tactical Behaviour in Team Invasion Sports by Positional Data: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1952.	1.2	16
65	Past, present, and future of the technological tracking methods to assess tactical variables in team sports: A systematic review. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020, 234, 281-290.	0.4	20
66	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
67	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
68	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
69	A Survey to Assess the Quality of the Data Obtained by Radio-Frequency Technologies and Microelectromechanical Systems to Measure External Workload and Collective Behavior Variables in Team Sports. <i>Sensors</i> , 2020, 20, 2271.	2.1	60
70	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
71	Effects of Caffeine Ingestion on Physical Performance in Elite Women Handball Players: A Randomized, Controlled Study. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1406-1413.	1.1	28
72	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

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73	Origin and modifications of the geometrical centre to assess team behaviour in team sports: a systematic review. [Origen y modificaciones del punto geométrico para evaluar el comportamiento táctico colectivo en deportes de equipo: una revisión sistemática]. RICYDE Revista Internacional De Ciencias Del Deporte, 2020, 16, 318-329.	0.1	14
74	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
75	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
76	Muscle Damage And Acute Kidney Injury In Endurance Mountain Running. Medicine and Science in Sports and Exercise, 2020, 52, 706-706.	0.2	0
77	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
78	Análisis del estrés y las exigencias cinemáticas y fisiológicas de los bomberos durante la jornada laboral. Sport TK, 2019, 8, 13-20.	0.3	1
79	The Acceleration and Deceleration Profiles of U-18 Women's Basketball Players during Competitive Matches. Sports, 2019, 7, 165.	0.7	24
80	External Workload Indicators of Muscle and Kidney Mechanical Injury in Endurance Trail Running. International Journal of Environmental Research and Public Health, 2019, 16, 3909.	1.2	41
81	Internal and External Demands in Basketball Referees during the U-16 European Women's Championship. International Journal of Environmental Research and Public Health, 2019, 16, 3421.	1.2	16
82	Impact of Contextual Factors on External Load During a Congested-Fixture Tournament in Elite U18 Basketball Players. Frontiers in Psychology, 2019, 10, 1100.	1.1	53
83	Accuracy and Inter-Unit Reliability of Ultra-Wide-Band Tracking System in Indoor Exercise. Applied Sciences (Switzerland), 2019, 9, 939.	1.3	96
84	Comparing accuracy between global positioning systems and ultra-wideband-based position tracking systems used for tactical analyses in soccer. European Journal of Sport Science, 2019, 19, 1157-1165.	1.4	66
85	From big data mining to technical sport reports: the case of inertial measurement units. BMJ Open Sport and Exercise Medicine, 2019, 5, e000565.	1.4	46
86	Accelerometry-Based External Load Indicators in Sport: Too Many Options, Same Practical Outcome?. International Journal of Environmental Research and Public Health, 2019, 16, 5101.	1.2	33
87	Static and dynamic reliability of WIMU PRO, 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
88	Player Load and Metabolic Power Dynamics as Load Quantifiers in Soccer. Journal of Human Kinetics, 2019, 69, 259-269.	0.7	41
89	Luxación esternoclavicular posterior. Revista Andaluza De Medicina Del Deporte, 2019, 12, 128-130.	0.1	1
90	Accuracy, intra- and inter-unit reliability, and comparison between GPS and UWB-based position tracking systems used for time-motion analyses in soccer. European Journal of Sport Science, 2018, 18, 450-457.	1.4	181

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91	Reliability and validity of a new accelerometer (Wimu <sup>®</sup> ) system for measuring velocity during resistance exercises. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2018, 232, 218-224.	0.4	8
92	Validity and reliability of the WIMU inertial device for the assessment of the vertical jump. PeerJ, 2018, 6, e4709.	0.9	23
93	Comparative Analysis of Load Profile between Small-Sided Games and Official Matches in Youth Soccer Players. Sports, 2018, 6, 173.	0.7	45
94	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
95	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
96	The validity and reliability of a 5-hz GPS device for quantifying athletes' sprints and movement demands specific to team sports. Journal of Human Sport and Exercise, 2017, 12, .	0.2	36
97	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
98	Physical Fitness Affects Perceived Value of Physical Education Classes in Children. Procedia, Social and Behavioral Sciences, 2011, 30, 1777-1781.	0.5	0
99	Health-related fitness in school children: compliance with physical activity recommendations and its relationship with body mass index and diet quality. Archivos Latinoamericanos De Nutricion, 2010, 60, 374-9.	0.3	6
100	Agreement and reliability of magnetic, angular rate, and gravity (MARG) sensors to assess multiple body segments' external loads during off-road running. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712199698.	0.4	3
101	Review of Ultra-Wide Band in Team Sports. , 0, , .		0
102	Level of agreement between sPRO and Kubios software in the analysis of R-R intervals obtained by a chest strap. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712110311.	0.4	2
103	The influence of the setup shape of a portable UWB system's antennas in sport. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712110418.	0.4	0
104	High-intensity curvilinear movements' relevance in semi-professional soccer: An approach from principal components analysis. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712110483.	0.4	2
105	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
106	Level of agreement and reliability of ADR encoder to monitor mean propulsive velocity during the bench press exercise. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712211003.	0.4	0
107	Reducing Big Data to Principal Components for Position-Specific Futsal Training. Perceptual and Motor Skills, 0, , 003151252211150.	0.6	0
108	Effects of free-play or introducing artificial rules on tactical behavior based on soccer-team lines: A pilot study. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712211071.	0.4	0