

# Pedro PÃ©rez-Soriano

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

1,197  
citations

430874

18  
h-index

454955

30  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Running thermoregulation effects using bioceramics versus polyester fibres socks. <i>Journal of Industrial Textiles</i> , 2022, 51, 1236-1249.	2.4	6
2	Effects of Minimalist Footwear and Foot Strike Pattern on Plantar Pressure during a Prolonged Running. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 506.	2.5	0
3	Higher Hamstrings Strength and Stability Are Related to Lower Kinematics Alteration during Running after Central and Peripheral Fatigue. <i>Sensors</i> , 2022, 22, 1990.	3.8	2
4	Effects of Central and Peripheral Fatigue on Impact Characteristics during Running. <i>Sensors</i> , 2022, 22, 3786.	3.8	1
5	Consistency of pacing profile according to performance level in three different editions of the Chicago, London, and Tokyo marathons. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
6	Validity and Reliability of the Leomo Motion-Tracking Device Based on Inertial Measurement Unit with an Optoelectronic Camera System for Cycling Pedaling Evaluation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8375.	2.6	5
7	Effect of marathon characteristics and runners'™ time category on pacing profile. <i>European Journal of Sport Science</i> , 2021, 21, 1559-1566.	2.7	5
8	Effects of wearing a full body compression garment during recovery from an ultra-€trail race. <i>European Journal of Sport Science</i> , 2021, 21, 811-818.	2.7	5
9	Impact Acceleration During Prolonged Running While Wearing Conventional Versus Minimalist Shoes. <i>Research Quarterly for Exercise and Sport</i> , 2021, 92, 182-188.	1.4	10
10	Morphological and Postural Changes in the Foot during Pregnancy and Puerperium: A Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2423.	2.6	2
11	Validity and Reliability of an Instrumented Treadmill with an Accelerometry System for Assessment of Spatio-Temporal Parameters and Impact Transmission. <i>Sensors</i> , 2021, 21, 1758.	3.8	4
12	Influence of infrared camera model and evaluator reproducibility in the assessment of skin temperature responses to physical exercise. <i>Journal of Thermal Biology</i> , 2021, 98, 102913.	2.5	10
13	Treadmill and Running Speed Effects on Acceleration Impacts: Curved Non-Motorized Treadmill vs. Conventional Motorized Treadmill. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5475.	2.6	6
14	Acute Effects on Impact Accelerations Running with Objects in the Hand. <i>Life</i> , 2021, 11, 550.	2.4	0
15	Impact accelerations during a prolonged run using a microwavable self-customised foot orthosis. <i>Sports Biomechanics</i> , 2021, , 1-14.	1.6	2
16	Modification of Angular Kinematics and Spatiotemporal Parameters during Running after Central and Peripheral Fatigue. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6610.	2.5	1
17	Footwear outsole temperature may be more related to plantar pressure during a prolonged run than foot temperature. <i>Physiological Measurement</i> , 2021, 42, 074004.	2.1	0
18	Effects of 24 h Compression Interventions with Different Garments on Recovery Markers during Running. <i>Life</i> , 2021, 11, 905.	2.4	2

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19	Effects of asymmetrical exercise demands on the symmetry of skin temperature in archers. <i>Physiological Measurement</i> , 2021, 41, 114002.	2.1	4
20	Seven-Weeks Gait-Retraining in Minimalist Footwear Has No Effect on Dynamic Stability Compared With Conventional Footwear. <i>Research Quarterly for Exercise and Sport</i> , 2021, , 1-10.	1.4	3
21	Plantar pressure distribution during running with a self-customized foot orthosis in a home microwave. <i>Journal of Biomechanics</i> , 2021, 129, 110791.	2.1	2
22	Evaluation of impact-shock on gait after the implementation of two different training programs in older adults. <i>Clinical Biomechanics</i> , 2020, 80, 105131.	1.2	2
23	Relationship between Skin Temperature, Electrical Manifestations of Muscle Fatigue, and Exercise-Induced Delayed Onset Muscle Soreness for Dynamic Contractions: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6817.	2.6	15
24	Effect of mountain ultramarathon distance competition on biochemical variables, respiratory and lower-limb fatigue. <i>PLoS ONE</i> , 2020, 15, e0238846.	2.5	13
25	Relationship between muscular extensibility, strength and stability and the transmission of impacts during fatigued running. <i>Sports Biomechanics</i> , 2020, , 1-17.	1.6	12
26	A methodology to assess the effect of sweat on infrared thermography data after running: Preliminary study. <i>Infrared Physics and Technology</i> , 2020, 109, 103382.	2.9	5
27	Acute effect of induced asymmetrical running technique on foot skin temperature. <i>Journal of Thermal Biology</i> , 2020, 91, 102613.	2.5	7
28	Validation of ThermoHuman automatic thermographic software for assessing foot temperature before and after running. <i>Journal of Thermal Biology</i> , 2020, 92, 102639.	2.5	17
29	Changes in plantar pressure and spatiotemporal parameters during gait in older adults after two different training programs. <i>Gait and Posture</i> , 2020, 77, 250-256.	1.4	10
30	Effect of custom-made and prefabricated foot orthoses on kinematic parameters during an intense prolonged run. <i>PLoS ONE</i> , 2020, 15, e0230877.	2.5	3
31	Effect of prefabricated thermoformable foot orthoses on plantar surface temperature after running: A gender comparison. <i>Journal of Thermal Biology</i> , 2020, 91, 102612.	2.5	12
32	Title is missing!. , 2020, 15, e0230877.		0
33	Title is missing!. , 2020, 15, e0230877.		0
34	Title is missing!. , 2020, 15, e0230877.		0
35	Title is missing!. , 2020, 15, e0230877.		0
36	Title is missing!. , 2020, 15, e0230877.		0

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37	Title is missing!. , 2020, 15, e0230877.		0
38	Effects of prefabricated and custom-made foot orthoses on skin temperature of the foot soles after running. <i>Physiological Measurement</i> , 2019, 40, 054004.	2.1	12
39	The effect of visual focus on spatio-temporal and kinematic parameters of treadmill running. <i>Gait and Posture</i> , 2018, 59, 292-297.	1.4	12
40	Effects of functional resistance training on fitness and quality of life in females with chronic nonspecific low-back pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 95-105.	1.1	33
41	Multi Regression Analysis of Skin Temperature Variation During Cycling Exercise. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 962-969.	0.5	1
42	Effects of bioceramic textiles used in physical activity or sport: a systematic review. <i>International Journal of Clothing Science and Technology</i> , 2018, 30, 854-863.	1.1	3
43	Insights on the use of thermography in human physiology practical classes. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 521-525.	1.6	9
44	Can Graduated Compressive Stockings Reduce Muscle Activity During Running?. <i>Research Quarterly for Exercise and Sport</i> , 2017, 88, 223-229.	1.4	9
45	Intra and intersession repeatability and reliability of the S-Plate® pressure platform. <i>Gait and Posture</i> , 2017, 52, 224-226.	1.4	23
46	Plantar Pressure Differences Between Nordic Walking Techniques. <i>Journal of Human Kinetics</i> , 2017, 57, 221-231.	1.5	5
47	Assessment of a mattress with phase change materials using a thermal and perception test. <i>Experimental Thermal and Fluid Science</i> , 2017, 81, 358-363.	2.7	7
48	Effect of bike-fit in the perception of comfort, fatigue and pain. <i>Journal of Sports Sciences</i> , 2017, 35, 1459-1465.	2.0	45
49	The location of the tibial accelerometer does influence impact acceleration parameters during running. <i>Journal of Sports Sciences</i> , 2017, 35, 1734-1738.	2.0	41
50	Relationship between foot eversion and thermographic foot skin temperature after running. <i>Applied Optics</i> , 2017, 56, 5559.	1.8	4
51	Introduction: Historical Perspective of Infrared Thermography and Its Application in Sport Science. <i>Biological and Medical Physics Series</i> , 2017, , 1-23.	0.4	6
52	Foot Temperature Assessment. <i>Biological and Medical Physics Series</i> , 2017, , 235-263.	0.4	4
53	Influence of custom-made and prefabricated insoles before and after an intense run. <i>PLoS ONE</i> , 2017, 12, e0173179.	2.5	19
54	Effects of the cycling workload on core and local skin temperatures. <i>Experimental Thermal and Fluid Science</i> , 2016, 77, 91-99.	2.7	29

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55	Definition of the thermographic regions of interest in cycling by using a factor analysis. <i>Infrared Physics and Technology</i> , 2016, 75, 180-186.	2.9	23
56	Validation of the thermophysiological model by Fiala for prediction of local skin temperatures. <i>International Journal of Biometeorology</i> , 2016, 60, 1969-1982.	3.0	27
57	Initiating running barefoot: Effects on muscle activation and impact accelerations in habitually rearfoot shod runners. <i>European Journal of Sport Science</i> , 2016, 16, 1145-1152.	2.7	11
58	Effect of saddle height on skin temperature measured in different days of cycling. <i>SpringerPlus</i> , 2016, 5, 205.	1.2	9
59	Disinfection byâ€products effect on swimmers oxidative stress and respiratory damage. <i>European Journal of Sport Science</i> , 2016, 16, 609-617.	2.7	9
60	Long-term effects of graduated compression stockings on cardiorespiratory performance. <i>Biology of Sport</i> , 2015, 32, 219-223.	3.2	16
61	Effect of perspiration on skin temperature measurements by infrared thermography and contact thermometry during aerobic cycling. <i>Infrared Physics and Technology</i> , 2015, 72, 68-76.	2.9	53
62	Effects of graduated compression stockings on skin temperature after running. <i>Journal of Thermal Biology</i> , 2015, 52, 130-136.	2.5	44
63	Effect of 3 Weeks Use of Compression Garments on Stride and Impact Shock during a Fatiguing Run. <i>International Journal of Sports Medicine</i> , 2015, 36, 826-831.	1.7	28
64	Relationship between skin temperature and muscle activation during incremental cycle exercise. <i>Journal of Thermal Biology</i> , 2015, 48, 28-35.	2.5	80
65	Differences in Ground Reaction Forces and Shock Impacts Between Nordic Walking and Walking. <i>Research Quarterly for Exercise and Sport</i> , 2015, 86, 94-99.	1.4	17
66	Effects of treadmill running and fatigue on impact acceleration in distance running. <i>Sports Biomechanics</i> , 2014, 13, 259-266.	1.6	70
67	The Foot Posture Index in Men Practicing Three Sports Different in Their Biomechanical Gestures. <i>Journal of the American Podiatric Medical Association</i> , 2014, 104, 154-158.	0.3	16
68	Effects of KinesiotapeÂ® taping on plantar pressure and impact acceleration during walking. <i>Science and Sports</i> , 2014, 29, 282-287.	0.5	2
69	Influence of foot orthosis customisation on perceived comfort during running. <i>Ergonomics</i> , 2014, 57, 1590-1596.	2.1	28
70	Effect of custom-made and prefabricated insoles on plantar loading parameters during running with and without fatigue. <i>Journal of Sports Sciences</i> , 2014, 32, 1712-1721.	2.0	34
71	Influence of the knee in vibration damping on oscillating platform. <i>Cultura, Ciencia Y Deporte</i> , 2014, 9, 17-23.	0.2	1
72	Effect of overground vs treadmill running on plantar pressure: Influence of fatigue. <i>Gait and Posture</i> , 2013, 38, 929-933.	1.4	76

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73	Supination control increases performance in sideward cutting movements in tennis. Sports Biomechanics, 2013, 12, 38-47.	1.6	11
74	Effects of Different Backpack Loads in Acceleration Transmission during Recreational Distance Walking. Journal of Human Kinetics, 2013, 37, 81-89.	1.5	8
75	Padel: a quantitative study of the shots and movements in the high-performance. Journal of Human Sport and Exercise, 2013, 8, 925-931.	0.4	43
76	Efectos de la vibración sobre la actividad del rectus abdominis y sobre la transmisión de aceleraciones durante la realización de un puente frontal. (Effects of whole body vibration on rectus) Tj ETQq0 0 0 rgBT /Overlock 10 T Internaci3n De Ciencias Del Deporte, 2012, 8, 127-141.	0.2	3
77	Elaboraci3n y validaci3n biomec3nica de un guante de protecci3n para jugar a pelota valenciana. (Elaboration and biomechanical validation of a protection glove for playing pelota valenciana).. RICYDE Revista Internacional De Ciencias Del Deporte, 2012, 8, 305-323.	0.2	1
78	Nordic Walking Practice Might Improve Plantar Pressure Distribution. Research Quarterly for Exercise and Sport, 2011, 82, 593-599.	1.4	23
79	Influencia del vendaje neuromuscular sobre la presi3n plantar durante la marcha. Fisioterapia, 2010, 32, 111-115.	0.2	11
80	Plantar pressures determinants in mild Hallux Valgus. Gait and Posture, 2010, 32, 425-427.	1.4	74
81	Effects of mat characteristics on plantar pressure patterns and perceived mat properties during landing in gymnastics. Sports Biomechanics, 2010, 9, 245-257.	1.6	7
82	Case Study: Effect of Handrim Diameter on Performance in a Paralympic Wheelchair Athlete. Adapted Physical Activity Quarterly, 2009, 26, 352-363.	0.8	19
83	Biomechanical factors to be taken into account to prevent injuries and improve sporting performance on artificial turf. Journal of Human Sport and Exercise, 2009, 4, 78-92.	0.4	10
84	La instrumentaci3n en la biomec3nica deportiva. Journal of Human Sport and Exercise, 2007, 2, 26-41.	0.4	6
85	Handgrip strength and hand dimensions in high-level inter-university judoists. Archives of Budo, 0, 9, 21-28.	0.0	5