

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 | Relationship between skin temperature and muscle activation during incremental cycle exercise. <i>Journal of Thermal Biology</i> , 2015, 48, 28-35. | 2.5 | 80 |
| 2 | Effect of overground vs treadmill running on plantar pressure: Influence of fatigue. <i>Gait and Posture</i> , 2013, 38, 929-933. | 1.4 | 76 |
| 3 | Plantar pressures determinants in mild Hallux Valgus. <i>Gait and Posture</i> , 2010, 32, 425-427. | 1.4 | 74 |
| 4 | Effects of treadmill running and fatigue on impact acceleration in distance running. <i>Sports Biomechanics</i> , 2014, 13, 259-266. | 1.6 | 70 |
| 5 | 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 |
| 6 | 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 |
| 7 | Effects of graduated compression stockings on skin temperature after running. <i>Journal of Thermal Biology</i> , 2015, 52, 130-136. | 2.5 | 44 |
| 8 | Padel: a quantitative study of the shots and movements in the high-performance. <i>Journal of Human Sport and Exercise</i> , 2013, 8, 925-931. | 0.4 | 43 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Influence of foot orthosis customisation on perceived comfort during running. <i>Ergonomics</i> , 2014, 57, 1590-1596. | 2.1 | 28 |
| 14 | 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 |
| 15 | 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 |
| 16 | Nordic Walking Practice Might Improve Plantar Pressure Distribution. <i>Research Quarterly for Exercise and Sport</i> , 2011, 82, 593-599. | 1.4 | 23 |
| 17 | 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 |
| 18 | Intra and inter-session repeatability and reliability of the S-Plate® pressure platform. <i>Gait and Posture</i> , 2017, 52, 224-226. | 1.4 | 23 |

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|----|--|-----|-----------|
| 19 | Case Study: Effect of Handrim Diameter on Performance in a Paralympic Wheelchair Athlete. Adapted Physical Activity Quarterly, 2009, 26, 352-363. | 0.8 | 19 |
| 20 | Influence of custom-made and prefabricated insoles before and after an intense run. PLoS ONE, 2017, 12, e0173179. | 2.5 | 19 |
| 21 | Differences in Ground Reaction Forces and Shock Impacts Between Nordic Walking and Walking. Research Quarterly for Exercise and Sport, 2015, 86, 94-99. | 1.4 | 17 |
| 22 | Validation of ThermoHuman automatic thermographic software for assessing foot temperature before and after running. Journal of Thermal Biology, 2020, 92, 102639. | 2.5 | 17 |
| 23 | The Foot Posture Index in Men Practicing Three Sports Different in Their Biomechanical Gestures. Journal of the American Podiatric Medical Association, 2014, 104, 154-158. | 0.3 | 16 |
| 24 | Long-term effects of graduated compression stockings on cardiorespiratory performance. Biology of Sport, 2015, 32, 219-223. | 3.2 | 16 |
| 25 | Relationship between Skin Temperature, Electrical Manifestations of Muscle Fatigue, and Exercise-Induced Delayed Onset Muscle Soreness for Dynamic Contractions: A Preliminary Study. International Journal of Environmental Research and Public Health, 2020, 17, 6817. | 2.6 | 15 |
| 26 | Effect of mountain ultramarathon distance competition on biochemical variables, respiratory and lower-limb fatigue. PLoS ONE, 2020, 15, e0238846. | 2.5 | 13 |
| 27 | The effect of visual focus on spatio-temporal and kinematic parameters of treadmill running. Gait and Posture, 2018, 59, 292-297. | 1.4 | 12 |
| 28 | Effects of prefabricated and custom-made foot orthoses on skin temperature of the foot soles after running. Physiological Measurement, 2019, 40, 054004. | 2.1 | 12 |
| 29 | Relationship between muscular extensibility, strength and stability and the transmission of impacts during fatigued running. Sports Biomechanics, 2020, , 1-17. | 1.6 | 12 |
| 30 | Effect of prefabricated thermoformable foot orthoses on plantar surface temperature after running: A gender comparison. Journal of Thermal Biology, 2020, 91, 102612. | 2.5 | 12 |
| 31 | Influencia del vendaje neuromuscular sobre la presión plantar durante la marcha. Fisioterapia, 2010, 32, 111-115. | 0.2 | 11 |
| 32 | Supination control increases performance in sideward cutting movements in tennis. Sports Biomechanics, 2013, 12, 38-47. | 1.6 | 11 |
| 33 | Initiating running barefoot: Effects on muscle activation and impact accelerations in habitually rearfoot shod runners. European Journal of Sport Science, 2016, 16, 1145-1152. | 2.7 | 11 |
| 34 | Changes in plantar pressure and spatiotemporal parameters during gait in older adults after two different training programs. Gait and Posture, 2020, 77, 250-256. | 1.4 | 10 |
| 35 | Impact Acceleration During Prolonged Running While Wearing Conventional Versus Minimalist Shoes. Research Quarterly for Exercise and Sport, 2021, 92, 182-188. | 1.4 | 10 |
| 36 | Influence of infrared camera model and evaluator reproducibility in the assessment of skin temperature responses to physical exercise. Journal of Thermal Biology, 2021, 98, 102913. | 2.5 | 10 |

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|----|--|-----|-----------|
| 37 | Biomechanical factors to be taken into account to prevent injuries and improve sporting performance on artificial turf. <i>Journal of Human Sport and Exercise</i> , 2009, 4, 78-92. | 0.4 | 10 |
| 38 | Effect of saddle height on skin temperature measured in different days of cycling. SpringerPlus, 2016, 5, 205. | 1.2 | 9 |
| 39 | Disinfection by-products effect on swimmers oxidative stress and respiratory damage. <i>European Journal of Sport Science</i> , 2016, 16, 609-617. | 2.7 | 9 |
| 40 | Can Graduated Compressive Stockings Reduce Muscle Activity During Running?. <i>Research Quarterly for Exercise and Sport</i> , 2017, 88, 223-229. | 1.4 | 9 |
| 41 | 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 |
| 42 | Effects of Different Backpack Loads in Acceleration Transmission during Recreational Distance Walking. <i>Journal of Human Kinetics</i> , 2013, 37, 81-89. | 1.5 | 8 |
| 43 | Effects of mat characteristics on plantar pressure patterns and perceived mat properties during landing in gymnastics. <i>Sports Biomechanics</i> , 2010, 9, 245-257. | 1.6 | 7 |
| 44 | 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 |
| 45 | Acute effect of induced asymmetrical running technique on foot skin temperature. <i>Journal of Thermal Biology</i> , 2020, 91, 102613. | 2.5 | 7 |
| 46 | Running thermoregulation effects using bioceramics versus polyester fibres socks. <i>Journal of Industrial Textiles</i> , 2022, 51, 1236-1249. | 2.4 | 6 |
| 47 | 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 |
| 48 | 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 |
| 49 | La instrumentación en la biomecánica deportiva. <i>Journal of Human Sport and Exercise</i> , 2007, 2, 26-41. | 0.4 | 6 |
| 50 | Plantar Pressure Differences Between Nordic Walking Techniques. <i>Journal of Human Kinetics</i> , 2017, 57, 221-231. | 1.5 | 5 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Handgrip strength and hand dimensions in high-level inter-university judoists. <i>Archives of Budo</i> , 0, 9, 21-28. | 0.0 | 5 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | Relationship between foot eversion and thermographic foot skin temperature after running. <i>Applied Optics</i> , 2017, 56, 5559. | 1.8 | 4 |
| 57 | 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 |
| 58 | Foot Temperature Assessment. <i>Biological and Medical Physics Series</i> , 2017, , 235-263. | 0.4 | 4 |
| 59 | Effects of asymmetrical exercise demands on the symmetry of skin temperature in archers. <i>Physiological Measurement</i> , 2021, 41, 114002. | 2.1 | 4 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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) <i>Internacional De Ciencias Del Deporte</i> , 2012, 8, 127-141. | 0.2 | 3 |
| 63 | 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 |
| 64 | Effects of Kinesiotape® taping on plantar pressure and impact acceleration during walking. <i>Science and Sports</i> , 2014, 29, 282-287. | 0.5 | 2 |
| 65 | 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 |
| 66 | 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 |
| 67 | Impact accelerations during a prolonged run using a microwavable self-customised foot orthosis. <i>Sports Biomechanics</i> , 2021, , 1-14. | 1.6 | 2 |
| 68 | Effects of 24 h Compression Interventions with Different Garments on Recovery Markers during Running. <i>Life</i> , 2021, 11, 905. | 2.4 | 2 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Modification of Angular Kinematics and Spatiotemporal Parameters during Running after Central and Peripheral Fatigue. Applied Sciences (Switzerland), 2021, 11, 6610. | 2.5 | 1 |
| 74 | Elaboración y validación biomecánica de un guante de protección 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 |
| 75 | Influence of the knee in vibration damping on oscillating platform. Cultura, Ciencia Y Deporte, 2014, 9, 17-23. | 0.2 | 1 |
| 76 | Effects of Central and Peripheral Fatigue on Impact Characteristics during Running. Sensors, 2022, 22, 3786. | 3.8 | 1 |
| 77 | Acute Effects on Impact Accelerations Running with Objects in the Hand. Life, 2021, 11, 550. | 2.4 | 0 |
| 78 | Footwear outsole temperature may be more related to plantar pressure during a prolonged run than foot temperature. Physiological Measurement, 2021, 42, 074004. | 2.1 | 0 |
| 79 | Effects of Minimalist Footwear and Foot Strike Pattern on Plantar Pressure during a Prolonged Running. Applied Sciences (Switzerland), 2022, 12, 506. | 2.5 | 0 |
| 80 | Title is missing!. , 2020, 15, e0230877. | | 0 |
| 81 | Title is missing!. , 2020, 15, e0230877. | | 0 |
| 82 | Title is missing!. , 2020, 15, e0230877. | | 0 |
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| 84 | Title is missing!. , 2020, 15, e0230877. | | 0 |
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