

Rosario Salvador Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,259
citations

361045

20
h-index

395343

33
g-index

67
all docs

67
docs citations

67
times ranked

1579
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of squatting with elastic bands or conventional resistance - training equipment at different effort levels in post-exercise intraocular pressure of healthy men. <i>Biology of Sport</i> , 2022, 39, 895-903.	1.7	7
2	Effect of 10km run on lower limb skin temperature and thermal response after a cold-stress test over the following 24h. <i>Journal of Thermal Biology</i> , 2022, 105, 103225.	1.1	3
3	Combination of natural polyphenols with a precursor of NAD+ and a TLR2/6 ligand lipopeptide protects mice against lethal ¹³⁷ Cs radiation. <i>Journal of Advanced Research</i> , 2022, , .	4.4	4
4	Nuclear and Radiological Emergencies: Biological Effects, Countermeasures and Biodosimetry. <i>Antioxidants</i> , 2022, 11, 1098.	2.2	19
5	Nicotinamide Riboside and Pterostilbene Cooperatively Delay Motor Neuron Failure in ALS SOD1G93A Mice. <i>Molecular Neurobiology</i> , 2021, 58, 1345-1371.	1.9	24
6	Pterostilbene in Cancer Therapy. <i>Antioxidants</i> , 2021, 10, 492.	2.2	51
7	Quantitative Analysis of Real-Time Infrared Thermography for the Assessment of Lumbar Sympathetic Blocks: A Preliminary Study. <i>Sensors</i> , 2021, 21, 3573.	2.1	10
8	The Link between Oxidative Stress, Redox Status, Bioenergetics and Mitochondria in the Pathophysiology of ALS. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6352.	1.8	47
9	Melanoma in the liver: Oxidative stress and the mechanisms of metastatic cell survival. <i>Seminars in Cancer Biology</i> , 2021, 71, 109-121.	4.3	12
10	Footwear outsole temperature may be more related to plantar pressure during a prolonged run than foot temperature. <i>Physiological Measurement</i> , 2021, 42, 074004.	1.2	0
11	Reproducibility of Skin Temperature Response after Cold Stress Test Using the Game Ready System: Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8295.	1.2	5
12	NAD+ Precursors and Antioxidants for the Treatment of Amyotrophic Lateral Sclerosis. <i>Biomedicines</i> , 2021, 9, 1000.	1.4	6
13	An Intercellular Flow of Glutathione Regulated by Interleukin 6 Links Astrocytes and the Liver in the Pathophysiology of Amyotrophic Lateral Sclerosis. <i>Antioxidants</i> , 2021, 10, 2007.	2.2	8
14	Oxidative Stress, Neuroinflammation and Mitochondria in the Pathophysiology of Amyotrophic Lateral Sclerosis. <i>Antioxidants</i> , 2020, 9, 901.	2.2	63
15	Radioprotection and Radiomitigation: From the Bench to Clinical Practice. <i>Biomedicines</i> , 2020, 8, 461.	1.4	74
16	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.	1.3	5
17	Effect of a Marathon on Skin Temperature Response After a Cold-Stress Test and Its Relationship With Perceptive, Performance, and Oxidative-Stress Biomarkers. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1467-1475.	1.1	8
18	Clinical Applications. , 2020, , 308-331.		0

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19	Adding the Load Just Above Sticking Point Using Elastic Bands Optimizes Squat Performance, Perceived Effort Rate, and Cardiovascular Responses. <i>Journal of Sports Science and Medicine</i> , 2020, 19, 735-744.	0.7	6
20	Effect of in-class group clicker-quiz competition on student final exam performance. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 430-434.	0.8	8
21	Efficacy and tolerability of EH301 for amyotrophic lateral sclerosis: a randomized, double-blind, placebo-controlled human pilot study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019, 20, 115-122.	1.1	62
22	Association between physiological stress and skin temperature response after a half marathon. <i>Physiological Measurement</i> , 2019, 40, 034009.	1.2	15
23	Thermographic quantitative variables for diabetic foot assessment: preliminary results. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019, 7, 660-666.	1.3	5
24	Application of infrared thermography as a complementary technique to conventional imaging techniques in paediatrics: case studies. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019, 7, 643-650.	1.3	3
25	Oxidative stress and antioxidants in the pathophysiology of malignant melanoma. <i>Biological Chemistry</i> , 2019, 400, 589-612.	1.2	76
26	Glucocorticoid receptor antagonism overcomes resistance to BRAF inhibition in BRAF-mutated metastatic melanoma. <i>American Journal of Cancer Research</i> , 2019, 9, 2580-2598.	1.4	6
27	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
28	Infrared Thermography Protocol for the Diagnosis and Monitoring of the Diabetic Foot: Preliminary Results. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 1015-1024.	0.5	0
29	Cost-Effective eHealth System Based on a Multi-Sensor System-on-Chip Platform and Data Fusion in Cloud for Sport Activity Monitoring. <i>Electronics (Switzerland)</i> , 2018, 7, 183.	1.8	8
30	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.	0.8	9
31	Clinical application of back surface topography by means of structured light in the screening of idiopathic scoliosis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2017, 26, 64-72.	0.3	11
32	Polyphenolic Phytochemicals in Cancer Prevention and Therapy: Bioavailability versus Bioefficacy. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9413-9436.	2.9	89
33	Effect of bike-fit in the perception of comfort, fatigue and pain. <i>Journal of Sports Sciences</i> , 2017, 35, 1459-1465.	1.0	45
34	A New Equation for Predicting Evolution of Oral Pain in Orthodontic Treatment: A Longitudinal, Prospective Cohort Study. <i>Journal of Oral and Facial Pain and Headache</i> , 2017, 31, 172-179.	0.7	1
35	Correlation between Topographic Parameters Obtained by Back Surface Topography Based on Structured Light and Radiographic Variables in the Assessment of Back Morphology in Young Patients with Idiopathic Scoliosis. <i>Asian Spine Journal</i> , 2017, 11, 219-229.	0.8	8
36	Introduction: Historical Perspective of Infrared Thermography and Its Application in Sport Science. <i>Biological and Medical Physics Series</i> , 2017, , 1-23.	0.3	6

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37	Physics Principles of the Infrared Thermography and Human Thermoregulation. Biological and Medical Physics Series, 2017, , 25-48.	0.3	2
38	Clinical Applications. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 55-78.	0.3	3
39	A Matlab based interface for infrared thermographic diagnosis of pediatric musculoskeletal injuries. Infrared Physics and Technology, 2016, 76, 500-503.	1.3	5
40	Effects of the cycling workload on core and local skin temperatures. Experimental Thermal and Fluid Science, 2016, 77, 91-99.	1.5	29
41	Definition of the thermographic regions of interest in cycling by using a factor analysis. Infrared Physics and Technology, 2016, 75, 180-186.	1.3	23
42	Validation of the thermophysiological model by Fiala for prediction of local skin temperatures. International Journal of Biometeorology, 2016, 60, 1969-1982.	1.3	27
43	Quantification of topographic changes in the surface of back of young patients monitored for idiopathic scoliosis: correlation with radiographic variables. Journal of Biomedical Optics, 2016, 21, 116001.	1.4	11
44	Effect of saddle height on skin temperature measured in different days of cycling. SpringerPlus, 2016, 5, 205.	1.2	9
45	Pterostilbene Decreases the Antioxidant Defenses of Aggressive Cancer Cells <i>In Vivo</i> : A Physiological Glucocorticoids- and Nrf2-Dependent Mechanism. Antioxidants and Redox Signaling, 2016, 24, 974-990.	2.5	54
46	Effect of perspiration on skin temperature measurements by infrared thermography and contact thermometry during aerobic cycling. Infrared Physics and Technology, 2015, 72, 68-76.	1.3	53
47	Effects of graduated compression stockings on skin temperature after running. Journal of Thermal Biology, 2015, 52, 130-136.	1.1	44
48	Infrared thermography is useful for ruling out fractures in paediatric emergencies. European Journal of Pediatrics, 2015, 174, 493-499.	1.3	24
49	Relationship between skin temperature and muscle activation during incremental cycle exercise. Journal of Thermal Biology, 2015, 48, 28-35.	1.1	80
50	Monitoring of the action of drugs in melanoma cells by dynamic laser speckle. Journal of Biomedical Optics, 2014, 19, 057008.	1.4	24
51	Infrared Thermal Imaging in the Diagnosis of Musculoskeletal Injuries: A Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2014, 203, 875-882.	1.0	38
52	Synchronization of Two Photoelastic Light Modulators to Obtain M ^{1/4} øller Matrix. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2050-2057.	2.4	4
53	Effects of endodontic treatment on apparent Young's modulus of human teeth: in vitro study using speckle interferometry. Journal of Biomedical Optics, 2012, 17, 048002.	1.4	1
54	Îŕ-potential determination using a ZetaMeter-Dynamic Speckle assembly. , 2012, , .		1

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55	Protocol for determining Apparent Young's Modulus of human teeth using laser speckle interferometry. Proceedings of SPIE, 2012, , .	0.8	0
56	Young's modulus measurement of the radius bone using a shearing interferometer with carrier fringes. Optics and Lasers in Engineering, 2010, 48, 727-731.	2.0	6
57	Quantifier variables of the back surface deformity obtained with a noninvasive structured light method: evaluation of their usefulness in idiopathic scoliosis diagnosis. European Spine Journal, 2007, 16, 73-82.	1.0	63
58	Measurements of deformations in osseous structures and implants by digital speckle interferometry (DSPI)., 2006, , .		1
59	Displacements measurement in a building model using the speckle photography technique. Engineering Structures, 2005, 27, 1859-1864.	2.6	4
60	Determination of strain and stress distribution on shearwalls by using the speckle photography technique. Optics and Lasers in Engineering, 2003, 39, 609-618.	2.0	2
61	Determination of the object surface function by structured light: application to the study of spinal deformities. Physics in Medicine and Biology, 1999, 44, 75-86.	1.6	12
62	Automatic analysis of speckle photography fringes. Applied Optics, 1997, 36, 2395.	2.1	6
63	Title is missing!. European Journal of Physics, 1993, 14, 128-131.	0.3	6
64	A semi-automatic method for measuring interferometry fringes: prototype design and first results. Optics and Laser Technology, 1990, 22, 399-402.	2.2	2
65	Effects of maxillary protraction determined by laser metrology. European Journal of Orthodontics, 1990, 12, 340-345.	1.1	8
66	Sensitivity and optimization in the determination of deformations by holographic interferometry. Optics and Laser Technology, 1988, 20, 269-273.	2.2	5
67	Speckle correlation technique to determine roughness in the dermatologic interval. Physics in Medicine and Biology, 1988, 33, 913-922.	1.6	7