

# Ricardo Vardasca

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73  
papers

446  
citations

9  
h-index

18  
g-index

100  
ext. papers

760  
ext. citations

1.7  
avg, IF

3.91  
L-index

#	Paper	IF	Citations
73	Thermographic characterization of masticatory muscle regions in volunteers with and without myogenous temporomandibular disorder: preliminary results. <i>Dentomaxillofacial Radiology</i> , <b>2014</b> , 43, 20130440	3.9	20
72	Recent use of medical infrared thermography in skin neoplasms. <i>Skin Research and Technology</i> , <b>2018</b> , 24, 587-591	1.9	19
71	A review on the application of medical infrared thermal imaging in hands. <i>Infrared Physics and Technology</i> , <b>2017</b> , 85, 315-323	2.7	17
70	Use of infrared thermography for the diagnosis and grading of sprained ankle injuries. <i>Infrared Physics and Technology</i> , <b>2016</b> , 76, 530-541	2.7	17
69	Current Issues in Medical Thermography. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2013</b> , 223-237	0.3	13
68	NEW STANDARDS FOR FEVER SCREENING WITH THERMAL IMAGING SYSTEMS. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2013</b> , 13, 1350045	0.7	13
67	Biomedical Applications of Infrared Thermal Imaging: Current State of Machine Learning Classification. <i>Proceedings (mdpi)</i> , <b>2019</b> , 27, 46	0.3	11
66	Bilateral assessment of body core temperature through axillar, tympanic and inner canthi thermometers in a young population. <i>Physiological Measurement</i> , <b>2019</b> , 40, 094001	2.9	10
65	Biomedical musculoskeletal applications of infrared thermal imaging on arm and forearm: A systematic review. <i>Journal of Thermal Biology</i> , <b>2019</b> , 82, 164-177	2.9	9
64	Distinguishing melanocytic nevi from melanomas using static and dynamic infrared thermal imaging. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2019</b> , 33, 1700-1705	4.6	9
63	Thermal skin reference values in healthy late pregnancy. <i>Journal of Thermal Biology</i> , <b>2012</b> , 37, 608-614	2.9	9
62	Diabetic foot monitoring using dynamic thermography and AI classifiers <b>2019</b> ,		9
61	Wind Instrumentalists and Temporomandibular Disorder: From Diagnosis to Treatment. <i>Dentistry Journal</i> , <b>2018</b> , 6,	3.1	8
60	Comparison of boundary detection techniques to improve image analysis in medical thermography. <i>Imaging Science Journal</i> , <b>2010</b> , 58, 12-19	0.9	8
59	Towards the Diabetic Foot Ulcers Classification with Infrared Thermal Images <b>2018</b> ,		8
58	Classification and Decision Making of Medical Infrared Thermal Images. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 79-104	0.3	8
57	Are there any solutions for improving the cleft area hygiene in patients with cleft lip and palate? A systematic review. <i>International Journal of Dental Hygiene</i> , <b>2019</b> , 17, 130-141	2.6	7

56	The role of AI classifiers in skin cancer images. <i>Skin Research and Technology</i> , <b>2019</b> , 25, 750-757	1.9	7
55	A Review of Carpal Tunnel Syndrome and Its Association with Age, Body Mass Index, Cardiovascular Risk Factors, Hand Dominance, and Sex. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3488	2.6	7
54	Meta-Analysis and Systematic Review of the Application of Machine Learning Classifiers in Biomedical Applications of Infrared Thermography. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 842	2.6	7
53	Evaluation of thermal pattern distributions in racehorse saddles using infrared thermography. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221622	3.7	6
52	Skin temperature of the foot: Reliability of infrared image analysis based in the angiosome concept. <i>Infrared Physics and Technology</i> , <b>2018</b> , 92, 402-408	2.7	6
51	Infrared thermography of the crāio-cervico-mandibular complex in wind and string instrumentalists. <i>International Archives of Occupational and Environmental Health</i> , <b>2020</b> , 93, 645-658	3.2	5
50	Combined Acquisition Method of Image and Signal Technique (CAMIST) for Assessment of Temporomandibular Disorders in Performing Arts Medicine. <i>Medical Problems of Performing Artists</i> , <b>2018</b> , 33, 205-212	0.6	5
49	Comparison of machine learning strategies for infrared thermography of skin cancer. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 69, 102872	4.9	5
48	Information and Technology Implementation Issues in AAL Solutions. <i>International Journal of E-Health and Medical Communications</i> , <b>2013</b> , 4, 1-17	1.4	4
47	A preliminary study on the relationship between energy expenditure and skin temperature in swimming <b>2014</b> ,		4
46	Towards a Medical Imaging Standard Capture and Analysis Software <b>2014</b> ,		4
45	Classifying Skin Neoplasms with Infrared Thermal Images		4
44	Towards a detailed anthropometric body characterization using the Microsoft Kinect. <i>Technology and Health Care</i> , <b>2016</b> , 24, 251-65	1.1	4
43	Teaching Sentiment in Emergency Online Learningâ Conceptual Model. <i>Education Sciences</i> , <b>2021</b> , 11, 53	2.2	4
42	A review of infrared thermography as applied to human sexual psychophysiology. <i>International Journal of Psychophysiology</i> , <b>2018</b> , 133, 28-40	2.9	4
41	Antero-cervical thermophysiological characterization of obstructive sleep apnea patients. <i>Sleep and Breathing</i> , <b>2018</b> , 22, 1111-1116	3.1	3
40	Relationship between skin temperature and soft tissue hardness in diabetic patients: an exploratory study. <i>Physiological Measurement</i> , <b>2019</b> , 40, 074007	2.9	3
39	Is it possible myogenic temporomandibular dysfunctions change the facial thermal imaging?. <i>Clinical and Laboratorial Research in Dentistry</i> , <b>2019</b> ,	0.5	3

38	A Template Based Method for Normalizing Thermal Images of the Human Body <b>2014</b> ,		3
37	Issues and Future Developments of Infrared Thermography in Sports Science <b>2017</b> , 297-319		3
36	Infrared Thermography in Water Sports <b>2017</b> , 137-157		2
35	Towards the Automatic Detection of Hand Fingertips and Phalanges in Thermal Images. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 1053-1062	0.3	2
34	New Instrument for Oral Hygiene of Children with Cleft Lip and Palate. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 576	2.6	2
33	The effect of different vibration frequencies in the skin temperature in healthy subjects <b>2014</b> ,		2
32	Innovative Research in Thermal Imaging for Biology and Medicine. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , <b>2017</b> ,	0.3	2
31	New standards for fever screening with thermal imaging systems		2
30	The Functional Interdependence of Wind Instrumentalists's Embouchure and Their Craniofacial Features. <i>International Journal of Online and Biomedical Engineering</i> , <b>2019</b> , 15, 17	0.8	1
29	Skin neoplasms dynamic thermal assessment <b>2019</b> ,		1
28	Reliability of Forearm Skin Thermal Assessment During Handgrip Exercise. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 447-455	0.8	1
27	Automatic Classification of Ulcers Through Visual Spectrum Image. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 297-305	0.3	1
26	Skin temperature of the foot: comparing transthyretin Familial Amyloid Polyneuropathy and Diabetic Foot patients. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2019</b> , 7, 504-511	0.9	1
25	Comparison of Different Image Enhancing Techniques for Medical Thermal Images. <i>Journal of Medical Imaging and Health Informatics</i> , <b>2015</b> , 5, 709-714	1.2	1
24	Infrared Thermography in Swimming. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , <b>2017</b> , 199-219	0.3	1
23	Multi-spectral Face Recognition System. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 983-997	0.3	1
22	Towards an Automated Analysis of Forearm Thermal Images During Handgrip Exercise. <i>Lecture Notes in Networks and Systems</i> , <b>2019</b> , 498-506	0.5	1
21	Handgrip Evaluation: Endurance and Handedness Dominance. <i>Lecture Notes in Networks and Systems</i> , <b>2019</b> , 507-516	0.5	1

20	Recent application of infrared thermography in work-related musculoskeletal disorders <b>2014</b> , 737-741		1
19	Skin Temperature in Diabetic Foot Patients: A Study Focusing on the Angiosome Concept. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 1035-1040	0.3	1
18	Efeitos imediatos do exercício de vibraç de corpo inteiro na simetria t f m i c a das pernas e tornozelos. <i>Revista Hospital Universidade Pedro Ernesto</i> , <b>2018</b> , 17, 22-29		1
17	Thermographic Study of the Orofacial Structures Involved in Clarinetists Musical Performance. <i>Dentistry Journal</i> , <b>2018</b> , 6,	3.1	1
16	Adhesive dentistry sensory stimulus technique as a neuromechanism for the treatment of orofacial pain associated to temporomandibular disorders: Case study. <i>Journal of Oral Biology and Craniofacial Research</i> , <b>2020</b> , 10, 6-12	2.6	0
15	Reliability of infrared image analysis based on anatomical landmarks. <i>Infrared Physics and Technology</i> , <b>2020</b> , 104, 103149	2.7	0
14	Thermographic differences due to dynamic work tasks on individuals with different obesity levels: a preliminary study. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2020</b> , 8, 323-333	0.9	0
13	Pre-exercise skin temperature evolution is not related with 100 m front crawl performance. <i>Journal of Thermal Biology</i> , <b>2021</b> , 98, 102926	2.9	0
12	Infrared thermal imaging monitoring on hands when performing repetitive tasks: An experimental study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250733	3.7	0
11	Thermal Analysis of Musculoskeletal Overload in Vertical Handling of Loads in an Heterogeneous Sample. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 383-390	0.8	
10	Skin Temperature Bilateral Differences at Upper Limbs and Joints in Healthy Subjects. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 1005-1010	0.3	
9	Skin Temperature of the Foot: A Comparative Study Between Familial Amyloid Polyneuropathy and Diabetic Foot Patients. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2018</b> , 1048-1052	0.3	
8	Performance of Jails versus Virtualization for Cloud Computing Solutions. <i>Procedia Technology</i> , <b>2014</b> , 16, 649-658		
7	Towards Portuguese Sign Language Identification Using Deep Learning. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 70-80	0.3	
6	Cooling Agents' Effect Monitoring When Applied to Skin of Healthy Human Subjects. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , <b>2017</b> , 79-92	0.3	
5	Analysis of Infrared Imaging During Vertical Handling Tasks in Workers with Different Levels of Obesity. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 447-455	0.4	
4	A Review on Infrared Thermal Imaging as a Tool in Carpal Tunnel Syndrome <b>2021</b> , 31-53		
3	Infrared Thermography in Swimming <b>2021</b> , 795-815		

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| 2 | Towards an Effective Decision Support System for Diabetic Foot Ulcers Diagnostic and Treatment Assessment. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 307-321      | 0.5 |
| 1 | Towards an Effective Imaging-Based Decision Support System for Skin Cancer. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , <b>2022</b> , 354-382 | 0.3 |