

# Joaquim Mendes

## List of Publications by Year in descending order

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Version: 2024-02-01

188  
papers

1,565  
citations

394286

19  
h-index

434063

31  
g-index

193  
all docs

193  
docs citations

193  
times ranked

1820  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Remote Laboratory in Engineering Measurement. IEEE Transactions on Industrial Electronics, 2009, 56, 4836-4843.	5.2	123
2	Physiological Parameters Measurement Based on Wheelchair Embedded Sensors and Advanced Signal Processing. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2564-2574.	2.4	88
3	Virtual reality exercise on a home-based phase III cardiac rehabilitation program, effect on executive function, quality of life and depression, anxiety and stress: a randomized controlled trial. Disability and Rehabilitation: Assistive Technology, 2018, 13, 112-123.	1.3	61
4	Laser assisted glass frit sealing of dye-sensitized solar cells. Solar Energy Materials and Solar Cells, 2012, 96, 43-49.	3.0	59
5	<i>Qigong</i> as a Traditional Vegetative Biofeedback Therapy: Long-Term Conditioning of Physiological Mind-Body Effects. BioMed Research International, 2015, 2015, 1-6.	0.9	47
6	Using nanovibrations to monitor biofouling. Biotechnology and Bioengineering, 2008, 99, 1407-1415.	1.7	44
7	Long-term exercise training as a modulator of mammary cancer vascularization. Biomedicine and Pharmacotherapy, 2016, 81, 273-280.	2.5	34
8	A review on the application of medical infrared thermal imaging in hands. Infrared Physics and Technology, 2017, 85, 315-323.	1.3	33
9	Unobstrusive heart rate and respiratory rate monitor embedded on a wheelchair. , 2009, , .		32
10	Recent use of medical infrared thermography in skin neoplasms. Skin Research and Technology, 2018, 24, 587-591.	0.8	31
11	Development of hermetic glass frit encapsulation for perovskite solar cells. Journal Physics D: Applied Physics, 2019, 52, 074005.	1.3	29
12	Comparison of machine learning strategies for infrared thermography of skin cancer. Biomedical Signal Processing and Control, 2021, 69, 102872.	3.5	29
13	Ultrasonographic, thermographic and histologic evaluation of MNU-induced mammary tumors in female Sprague-Dawley rats. Biomedicine and Pharmacotherapy, 2013, 67, 771-776.	2.5	26
14	Novel laser-assisted glass frit encapsulation for long-lifetime perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 20037-20046.	5.2	26
15	Cardio-respiratory and daily activity monitor based on FMCW Doppler radar embedded in a wheelchair. , 2011, 2011, 1917-20.		25
16	Meta-Analysis and Systematic Review of the Application of Machine Learning Classifiers in Biomedical Applications of Infrared Thermography. Applied Sciences (Switzerland), 2021, 11, 842.	1.3	25
17	Monitoring cleaning-in-place of shampoo films using nanovibration technology. Sensors and Actuators B: Chemical, 2009, 136, 376-382.	4.0	24
18	Glass-€Glass Laser-Assisted Glass Frit Bonding. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2012, 2, 1949-1956.	1.4	24

#	ARTICLE	IF	CITATIONS
19	Low temperature hermetic laser-assisted glass frit encapsulation of soda-lime glass substrates. <i>Optics and Lasers in Engineering</i> , 2017, 96, 107-116.	2.0	24
20	Monitoring Deposit Build-up using a Novel Mechatronic Surface Sensor (MSS). <i>Food and Bioproducts Processing</i> , 2006, 84, 366-370.	1.8	23
21	Kinect system in home-based cardiovascular rehabilitation. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 40-47.	1.0	22
22	Dynamic monitoring of railway track displacement using an optical system. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2015, 229, 280-290.	1.3	21
23	Distinguishing melanocytic nevi from melanomas using static and dynamic infrared thermal imaging. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 1700-1705.	1.3	21
24	Use of infrared thermography for the diagnosis and grading of sprained ankle injuries. <i>Infrared Physics and Technology</i> , 2016, 76, 530-541.	1.3	20
25	The effect of virtual reality on a home-based cardiac rehabilitation program on body composition, lipid profile and eating patterns: A randomized controlled trial. <i>European Journal of Integrative Medicine</i> , 2017, 9, 69-78.	0.8	20
26	Quantile-copula density forecast for wind power uncertainty modeling. , 2011, , .		19
27	Classification and Decision Making of Medical Infrared Thermal Images. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 79-104.	0.5	19
28	Assessment of Qigong-related effects by infrared thermography: a case study. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 663-666.	0.7	18
29	Multi-usage of microwave Doppler radar in pervasive healthcare systems for elderly. , 2011, , .		17
30	Bilateral assessment of body core temperature through axillar, tympanic and inner canthi thermometers in a young population. <i>Physiological Measurement</i> , 2019, 40, 094001.	1.2	17
31	The role of AI classifiers in skin cancer images. <i>Skin Research and Technology</i> , 2019, 25, 750-757.	0.8	17
32	Biomedical Applications of Infrared Thermal Imaging: Current State of Machine Learning Classification. <i>Proceedings (mdpi)</i> , 2019, 27, .	0.2	17
33	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> , 2019, 17, 130-141.	0.8	16
34	Biomedical musculoskeletal applications of infrared thermal imaging on arm and forearm: A systematic review. <i>Journal of Thermal Biology</i> , 2019, 82, 164-177.	1.1	16
35	Detecting Vasodilation as Potential Diagnostic Biomarker in Breast Cancer Using Deep Learning-Driven Thermomics. <i>Biosensors</i> , 2020, 10, 164.	2.3	16
36	Wind Instrumentalists and Temporomandibular Disorder: From Diagnosis to Treatment. <i>Dentistry Journal</i> , 2018, 6, 41.	0.9	13

#	ARTICLE	IF	CITATIONS
37	Towards the Diabetic Foot Ulcers Classification with Infrared Thermal Images. , 0, , .		13
38	Diabetic foot monitoring using dynamic thermography and AI classifiers. , 2019, , .		13
39	Wearable sensor networks supported by mobile devices for fall detection. , 2014, , .		12
40	Application of Infrared Thermal Imaging in a Violinist with Temporomandibular Disorder. Medical Problems of Performing Artists, 2015, 30, 251-254.	0.2	12
41	Dimethylaminoparthenolide reduces the incidence of dysplasia and ameliorates a wasting syndrome in HPV16 transgenic mice. Drug Development Research, 2019, 80, 824-830.	1.4	12
42	Impact of the architecture of dye sensitized solar cell-powered electrochromic devices on their photovoltaic performance and the ability to color change. Solar Energy, 2019, 182, 22-28.	2.9	12
43	Non-Destructive Infrared Lock-in Thermal Tests: Update on the Current Defect Detectability. Russian Journal of Nondestructive Testing, 2019, 55, 772-784.	0.3	11
44	Acquisition and analysis of 3D mandibular movement using a device based on electromagnetic sensors and a neural network. Journal of Medical Engineering and Technology, 2009, 33, 437-441.	0.8	10
45	Highly focalised thermotherapy using a ferrimagnetic cement in the treatment of a melanoma mouse model by low temperature hyperthermia. International Journal of Hyperthermia, 2013, 29, 121-132.	1.1	10
46	Identifying the Nature of Fouling Layers by Online Monitoring of the Propagation of Vibrations Along the Deposition Surface. Heat Transfer Engineering, 2014, 35, 251-257.	1.2	9
47	A new classification of wind instruments: Orofacial considerations. Journal of Oral Biology and Craniofacial Research, 2019, 9, 268-276.	0.8	9
48	Wind Instrumentalist Embouchure and the Applied Forces on the Perioral Structures. Open Dentistry Journal, 2019, 13, 107-114.	0.2	9
49	Laser assisted dye-sensitized solar cell sealing: From small to large cells areas. Journal of Renewable and Sustainable Energy, 2014, 6, .	0.8	8
50	Skin temperature of the foot: Reliability of infrared image analysis based in the angiosome concept. Infrared Physics and Technology, 2018, 92, 402-408.	1.3	8
51	Infrared thermography of the crÃnio-cervico-mandibular complex in wind and string instrumentalists. International Archives of Occupational and Environmental Health, 2020, 93, 645-658.	1.1	8
52	An agent methodology for processes, the environment, and services. , 2011, , .		7
53	Three-Dimensional Analysis of the Cranio-Cervico-Mandibular Complex During Piano Performance. Medical Problems of Performing Artists, 2014, 29, 150-154.	0.2	7
54	Towards a detailed anthropometric body characterization using the Microsoft Kinect. Technology and Health Care, 2016, 24, 251-265.	0.5	7

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55	Antero-cervical thermophysiological characterization of obstructive sleep apnea patients. <i>Sleep and Breathing</i> , 2018, 22, 1111-1116.	0.9	7
56	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> , 2018, 33, 205-212.	0.2	7
57	Integrating piezoresistive sensors on the embouchure analysis of the lower lip in single reed instrumentalists: implementation of the lip pressure appliance (LPA). <i>Clinical and Experimental Dental Research</i> , 2019, 5, 491-496.	0.8	7
58	Salt content in pre-packaged foods available in Portuguese market. <i>Food Control</i> , 2019, 106, 106670.	2.8	7
59	Patterns of Hysteresis Between Induction and Emergence of Neuroanesthesia Are Present in Spinal and Intracranial Surgeries. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 82-89.	0.6	7
60	Development of a Kinect Rehabilitation System. <i>International Journal of Online and Biomedical Engineering</i> , 2013, 9, 38.	0.9	6
61	A platform for the design, simulation and development of quadcopter multi-agent systems. , 2014, , .		6
62	On-line monitoring system for tracks. , 2015, , .		6
63	Weighing in motion and wheel defect detection of rolling stock. , 2015, , .		6
64	Oral hygiene of children with cleft lip and palate: Efficacy of the cleft toothbrush â€•A designed addâ€•on to regular toothbrushes. <i>International Journal of Paediatric Dentistry</i> , 2018, 29, 213.	1.0	6
65	Evaluation of Bispectral Index time delay in response to anesthesia induction: an observational study. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019, 69, 377-382.	0.2	6
66	Â¿Contamos actualmente con un mÃ©todo fiable para detectar el momento de pÃ©rdida de consciencia durante la inducciÃ³n de la anestesia?. <i>Revista EspaÃ±ola De AnestesiologÃ­a Y ReanimaciÃ³n</i> , 2019, 66, 93-103.	0.1	6
67	The Challenge of Dental Education After COVID-19 Pandemic â€• Present and Future Innovation Study Design. <i>Inquiry (United States)</i> , 2021, 58, 004695802110182.	0.5	6
68	Printed board positioning system using impact drive mechanism. , 0, , .		5
69	A prototype system for acquisition and analysis of 3D mandibular movement. <i>International Journal of Mechanics and Materials in Design</i> , 2008, 4, 173-180.	1.7	5
70	Carbon Dioxide Absorption in a Membrane Contactor with Color Change. <i>Journal of Chemical Education</i> , 2010, 87, 1377-1379.	1.1	5
71	Multi-resolution simulation of taxi services on airport terminal's curbside. , 2013, , .		5
72	Designing the mechanical frame of an active exoskeleton for gait assistance. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401774366.	0.8	5

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73	Relationship between skin temperature and soft tissue hardness in diabetic patients: an exploratory study. <i>Physiological Measurement</i> , 2019, 40, 074007.	1.2	5
74	Is it possible myogenic temporomandibular dysfunctions change the facial thermal imaging?. <i>Clinical and Laboratorial Research in Dentistry</i> , 0, , .	0.1	5
75	Lock-in thermal test with corrected optical stimulation. <i>Quantitative InfraRed Thermography Journal</i> , 2022, 19, 261-282.	2.1	5
76	Classifying Skin Neoplasms with Infrared Thermal Images. , 0, , .		5
77	Sensing Bluetooth Mobility Data: Potentials and Applications. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 419-431.	0.5	5
78	Detecting bone lesions in the emergency room with medical infrared thermography. <i>BioMedical Engineering OnLine</i> , 2022, 21, .	1.3	5
79	The effect of different vibration frequencies in the skin temperature in healthy subjects. , 2014, , .		4
80	A procedure for a mechanical evaluation of an undefined osteo-protective material. <i>Accident Analysis and Prevention</i> , 2015, 75, 285-291.	3.0	4
81	Infrared Thermography in Water Sports. <i>Biological and Medical Physics Series</i> , 2017, , 137-157.	0.3	4
82	Development and Implementation of an Intraoral Device for Occlusal Stability during Sports Performance: A Case Report. <i>Dentistry Journal</i> , 2018, 6, 63.	0.9	4
83	Thermographic Study of the Orofacial Structures Involved in Clarinetists Musical Performance. <i>Dentistry Journal</i> , 2018, 6, 62.	0.9	4
84	A Prosthodontic Treatment Plan for a Saxophone Player: A Conceptual Approach. <i>Dentistry Journal</i> , 2018, 6, 33.	0.9	4
85	Rocuronium Continuous Infusion for Profound Neuromuscular Blockade: A Systematic Review and Meta-analysis. <i>Clinical Neuropharmacology</i> , 2019, 42, 203-210.	0.2	4
86	Craniofacial morphology of wind and string instrument players: a cephalometric study. <i>BMC Medical Imaging</i> , 2020, 20, 57.	1.4	4
87	Antimicrobial profile of a dental implant abutment coating to prevent adhesion and migration of bacteria and screw loosening. <i>Dental Materials</i> , 2021, 37, e493-e501.	1.6	4
88	Automation in Anesthesia: Computer controlled propofol infusion and data acquisition. , 2008, 2008, 5543-7.		3
89	Hands-on using on-line engineering: The trend to better solutions. , 2009, , .		3
90	Gas solute movement in packed columns – A remote control experiment. <i>Education for Chemical Engineers</i> , 2013, 8, e94-e104.	2.8	3

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91	Temperature profiles obtained in thermoelastic stress test for different frequencies. International Journal of Structural Integrity, 2017, 8, 51-62.	1.8	3
92	Skin neoplasms dynamic thermal assessment. , 2019, , .		3
93	Thermographic assessment of vital and non-vital anterior teeth: A comparative study. Infrared Physics and Technology, 2020, 106, 103232.	1.3	3
94	Tooth Position in Wind Instrument Players: Dentofacial Cephalometric Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 4306.	1.2	3
95	Role of thermography in the assessment of temporomandibular disorders and other musculoskeletal conditions: A systematic review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 1099-1112.	1.0	3
96	Dual Channel Smart Sensor Embedded in a Wheelchair for Heart Rate and Autonomic Nervous System Monitoring. Mechatronic Systems and Control, 2010, 7, .	0.2	3
97	Analyzing the Influence of Thermal NDT Parameters on Test Performance. Russian Journal of Nondestructive Testing, 2021, 57, 727-737.	0.3	3
98	Evaluation of Tibia Bone Healing by Infrared Thermography: A Case Study. Journal of Multidisciplinary Healthcare, 2021, Volume 14, 3161-3175.	1.1	3
99	Thermal Variations in Osteoporosis After Aclasta® Administration: Case Study. International Journal of Online and Biomedical Engineering, 2020, 16, 82.	0.9	3
100	Analyzing the Influence of the Stimulation Duration in the Transient Thermal Test “ Experimental and FEM Simulation. Experimental Techniques, 2023, 47, 381-394.	0.9	3
101	Pervasive sensing and computing for wheelchairs users health assessment. , 2011, , .		2
102	Brain stimulation using an haptic thermal device. , 2013, , .		2
103	Haptic device demo using temperature feedback. , 2013, , .		2
104	The facial thermal effect of dynamic mechanical and vascular provocation tests: Preliminary study. , 2014, , .		2
105	Development of a respiratory rate monitoring device for mice anesthesia induction chamber. , 2014, , .		2
106	A symbiotic simulation platform for agent-based quadcopters. , 2014, , .		2
107	Comparison of Different Image Enhancing Techniques for Medical Thermal Images. Journal of Medical Imaging and Health Informatics, 2015, 5, 709-714.	0.2	2
108	An Agent Methodology for Processes, the Environment, and Services. , 2015, , 37-53.		2

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109	Anaesthesia induction in small mammal's using an instrumented anaesthetic chamber. , 2015, , .		2
110	The influence of two different drug infusion profiles on the pharmacodynamics model performance. IFMBE Proceedings, 2015, , 874-880.	0.2	2
111	Towards the Automatic Detection of Hand Fingertips and Phalanges in Thermal Images. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1053-1062.	0.5	2
112	Skin Temperature in Diabetic Foot Patients: A Study Focusing on the Angiosome Concept. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1035-1040.	0.5	2
113	Efeitos imediatos do exerc�cio de vibra��o de corpo inteiro na simetria t�rmica das pernas e tornozelos. Revista Hospital Universit�rio Pedro Ernesto, 2018, 17, 22-29.	0.1	2
114	New Instrument for Oral Hygiene of Children with Cleft Lip and Palate. Applied Sciences (Switzerland), 2018, 8, 576.	1.3	2
115	Skin temperature of the foot: comparing transthyretin Familial Amyloid Polyneuropathy and Diabetic Foot patients. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 504-511.	1.3	2
116	The Functional Interdependence of Wind Instrumentalists�™ Embouchure and Their Craniofacial Features. International Journal of Online and Biomedical Engineering, 2019, 15, 17.	0.9	2
117	Reliability of Forearm Skin Thermal Assessment During Handgrip Exercise. Studies in Systems, Decision and Control, 2019, , 447-455.	0.8	2
118	Orofacial Trauma on the Anterior Zone of a Trumpet�™s Player Maxilla: Concept of the Oral Rehabilitation�™ A Case Report. International Journal of Environmental Research and Public Health, 2020, 17, 9423.	1.2	2
119	Adhesive dentistry sensory stimulus technique as a neuromechanism for the treatment of orofacial pain associated to temporomandibular disorders: Case study. Journal of Oral Biology and Craniofacial Research, 2020, 10, 6-12.	0.8	2
120	Gesture technique analysis of the craniocervical mandibular complex in string and wind instrumentalists. Physical Medicine and Rehabilitation Research, 2018, 3, .	0.1	2
121	Comparison of two pharmacokinetic�™ pharmacodynamic models of rocuronium bromide during profound neuromuscular block: analysis of estimated and measured post-tetanic count effect. British Journal of Anaesthesia, 2022, , .	1.5	2
122	Thermography applied in the diagnostic assessment of bone fractures. Research on Biomedical Engineering, 0, , 1.	1.5	2
123	Forehead, Temple and Wrist Temperature Assessment of Ethnic Groups using Infrared Technology. Medical Engineering and Physics, 2022, 102, 103777.	0.8	2
124	Wheelchair user's cardiovascular evaluation system to support physiotherapy sessions. , 2011, , .		1
125	Trends in mobile medical thermography. , 2013, , .		1
126	A STATISTICAL STUDY REGARDING THE STATE-OF-THE-ART OF ACTIVE MOTION-ORIENTED ASSISTIVE DEVICES. Biomedical Engineering - Applications, Basis and Communications, 2014, 26, 1450047.	0.3	1



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127	Numerical procedures as a complement to an experimental remote system. , 2014, , .		1
128	Portable Interface and Local Service Manager. Procedia Computer Science, 2014, 27, 67-73.	1.2	1
129	Development of a portable system for online EMG monitoring. , 2015, , .		1
130	Automatic Classification of Ulcers Through Visual Spectrum Image. Lecture Notes in Computational Vision and Biomechanics, 2018, , 297-305.	0.5	1
131	Reliability of infrared image analysis based on anatomical landmarks. Infrared Physics and Technology, 2020, 104, 103149.	1.3	1
132	Electromyographic assessment of blink reflex throughout the transition from responsiveness to unresponsiveness during induction with propofol and remifentanyl. Journal of Clinical Monitoring and Computing, 2021, 35, 1279-1289.	0.7	1
133	Performance of blink reflex in patients during anesthesia induction with propofol and remifentanyl: prediction probabilities and multinomial logistic analysis. BioMedical Engineering OnLine, 2020, 19, 84.	1.3	1
134	An Active Implant to Restore Dental Proprioceptivity. , 2020, , .		1
135	Towards an Automated Analysis of Forearm Thermal Images During Handgrip Exercise. Lecture Notes in Networks and Systems, 2019, , 498-506.	0.5	1
136	Handgrip Evaluation: Endurance and Handedness Dominance. Lecture Notes in Networks and Systems, 2019, , 507-516.	0.5	1
137	Relationship between production cycles and noise patterns in loading and transport operations in quarries. , 2016, , 485-490.		1
138	Implementation of a custom-made mouthguard in a professional basketball team. Journal of Mechanical Engineering and Biomechanics, 2019, 3, 25-32.	0.7	1
139	Strength and Skin Temperature Assessment: Comparing Active and Geriatric Populations. International Journal of Engineering and Applied Sciences (IJEAS), 2019, 6, .	0.1	1
140	A Serious Game With a Thermal Haptic Mouse. International Journal of Online and Biomedical Engineering, 2013, 9, 74.	0.9	1
141	Infrared Thermography in Swimming. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 199-219.	0.3	1
142	The Thermal Influence of Oral Rehabilitation on the Cranio-Cervico-Mandibular Complex: A Thermographic Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 10441.	1.2	1
143	Measuring Force in a Laryngoscope. Mechatronic Systems and Control, 2010, 7, .	0.2	1
144	Recent application of infrared thermography in work-related musculoskeletal disorders. , 2014, , 737-741.		1

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145	Thermal imaging of the foot in different forms of diabetic disease. , 0, , 27-1-27-3.		1
146	Exploring On-Line Meteorological Resources in Engineering. International Journal of Online Engineering, 2016, 12, 28.	0.5	1
147	Motion Capture and MultiBody Simulations to Determine Actuation Requirements for an Assistive Exoskeleton. , 2019, , .		1
148	Evaluating physiological progression of chronic tibial osteomyelitis using infrared thermography. Research on Biomedical Engineering, 2022, 38, 941-953.	1.5	1
149	Piezo impact system for printed board sub-micron precision positioning. , 0, , .		0
150	A influência do bruxismo na posição postural da cabeça. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2013, 54, 137-142.	0.1	0
151	Assisted living: Home physiotherapy demo. , 2013, , .		0
152	Study and analysis of a cooling system for draught drinks. International Journal of Refrigeration, 2014, 45, 198-209.	1.8	0
153	Development of new research software for real-time raw electroencephalogram analysis. , 2014, , .		0
154	Sensing the force during laryngoscopy. Anaesthesia, 2015, 70, 761-761.	1.8	0
155	Development of an application for remote syringe pump control in anesthesia infusion. , 2015, , .		0
156	Remote sensing lab for medical thermal physiological assessment. , 2015, , .		0
157	Implementation of a multivibrational medical device to assist the removal of teeth and roots. , 2015, , .		0
158	Medical thermal imaging procedure for HAVS assessment. , 2015, , .		0
159	Skin Temperature Bilateral Differences at Upper Limbs and Joints in Healthy Subjects. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1005-1010.	0.5	0
160	Skin Temperature of the Foot: A Comparative Study Between Familial Amyloid Polyneuropathy and Diabetic Foot Patients. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1048-1052.	0.5	0
161	Neuro-fuzzy models to predict the required propofol amount for loss of consciousness during general anesthesia: a preliminary study. , 2018, , .		0
162	Feasibility of Infrared Thermography Use for Neuromusculoskeletal Rehabilitation. , 2018, , .		0

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163	EEG signatures at the transition between conscious and unconscious state during induction of general anesthesia with remifentanyl and propofol. , 2018, , .		0
164	Raynaudâ€™s Phenomenon Impact on Quotidian Quality of Life. International Journal of Online and Biomedical Engineering, 2020, 16, 88.	0.9	0
165	Dental Implant Retentive Force Analysis. , 2021, , .		0
166	Implementation of Neural Networks to Frontal Electroencephalography for the Identification of the Transition Responsiveness/Unresponsiveness During Induction of General Anesthesia. Irbm, 2021, 42, 390-397.	3.7	0
167	Measuring the pressure in a laryngoscope blade. , 2011, , 183-186.		0
168	Linking R&D Activities with Teaching: Water Quality Monitoring in Aquaculture as a Remote Laboratory Proxy for Environmental Studies. International Journal of Emerging Technologies in Learning, 2011, 6, .	0.8	0
169	DIGITAL LARYNGOSCOPE - A New Force Measuring Laryngoscope. , 2012, , .		0
170	Thermal imaging in the monitoring of grade III ankle sprain rehabilitationâ€™a case study. , 0, , .		0
171	A case study in the diagnosis of a grade III ankle sprain using a combination of medical images. , 0, , .		0
172	Malignant melanoma characterization with thermal and visual imaging. , 0, , .		0
173	Advances in Fault-Tolerant Multi-Agent Systems. , 2015, , 7006-7017.		0
174	Using thermal imaging to monitor the treatment of latent myofascial trigger points in the upper trapezius. , 0, , .		0
175	The outcomes of thermal symmetry after orofacial pain acupuncture treatment. , 0, , .		0
176	APAP - Adverse effects and mask comfort. , 2016, , .		0
177	Relating Aircraft Altitude with Pilotâ€™s Physiological Variables: Towards Increasing Safety in Light-sport Aviation. , 2017, , .		0
178	Small Scale Refrigerators and Freezers: Thermal Improvements in the Envelope. Journal of Environmental Science and Engineering - A, 2017, 6, .	0.1	0
179	Thermography in Animal Models of Cancer. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 237-263.	0.3	0
180	Abstract 4047: NF- $\kappa$ B inhibitor DMAPT enhances cisplatin efficacy and reduces its toxicity in a carcinogen-induced model of muscle-invasive bladder cancer. , 2017, , .		0

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181	Thermographic Evaluation of the Saxophonists's™ Embouchure. Lecture Notes in Computational Vision and Biomechanics, 2018, , 1069-1078.	0.5	0
182	Orofacial trauma management in a wind instrument player. Journal of Translational Science, 2018, 4, .	0.2	0
183	Thermography in Animal Models of Cancer. , 2018, , 132-158.		0
184	Craniofacial Morphology of Double Reed Instrument Players and Musical Performance. Lecture Notes in Computational Vision and Biomechanics, 2019, , 93-103.	0.5	0
185	The Application of Infrared Thermography as a Quantitative Sensory Measure of the DC/TMD. Lecture Notes in Computational Vision and Biomechanics, 2019, , 330-340.	0.5	0
186	TOF-Watch NMB Monitoring Misleading Display Output During Moderate Neuromuscular Blockade. IFMBE Proceedings, 2020, , 768-775.	0.2	0
187	Usefulness of the Blink Reflex to Assess the Effect of Propofol During Induction of Anesthesia in Surgical Patients. IFMBE Proceedings, 2020, , 1057-1063.	0.2	0
188	A Smart Dental Prosthesis to Restore Dental Proprioceptivity. , 2020, , .		0