

# Maria Strakowska

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

102  
citations

1478505

6  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	A method of local magnetic loss determination in punched ferromagnetic strips. Journal of Magnetism and Magnetic Materials, 2014, 355, 282-288.	2.3	16
2	Thermal modelling and screening method for skin pathologies using active thermography. Biocybernetics and Biomedical Engineering, 2018, 38, 602-610.	5.9	16
3	Skin Lesion Detection Algorithms in Whole Body Images. Sensors, 2021, 21, 6639.	3.8	16
4	A THREE LAYER MODEL FOR THE THERMAL IMPEDANCE OF THE HUMAN SKIN: MODELING AND EXPERIMENTAL MEASUREMENTS. Journal of Mechanics in Medicine and Biology, 2015, 15, 1550044.	0.7	13
5	Evaluation of Perfusion and Thermal Parameters of Skin Tissue Using Cold Provocation and Thermographic Measurements. Metrology and Measurement Systems, 2016, 23, 373-381.	1.4	7
6	Cold Provocation and Active Thermography in Medical Screening. Computational Methods in Science and Technology, 2017, 23, 65-71.	0.3	7
7	Multilayer thermal object identification in frequency domain using IR thermography and vector fitting. International Journal of Circuit Theory and Applications, 2020, 48, 1523-1533.	2.0	6
8	Novel software for medical and technical Thermal Object Identification TOI using dynamic temperature measurements by fast IR cameras. , 0, , .		5
9	Estimation of the Inter-Yarn Channel Inlet Diameter in Textile Materials Using Structured Light 3D Micro-Scanning. Fibres and Textiles in Eastern Europe, 2016, 24, 88-93.	0.5	5
10	System and software for thermal images screening in medicine – application to psoriasis. Quantitative InfraRed Thermography Journal, 2015, 12, 127-136.	4.2	3
11	Thermal-time constant imaging in cold-stress screening. , 2015, , .		2
12	INFLUENCE OF INFRARED RADIATION ON THE HUMAN SKIN TEMPERATURE – EXPERIMENTAL DATA AND MODELING. Journal of Mechanics in Medicine and Biology, 2013, 13, 1350025.	0.7	1
13	Macroscale heat transfer in human tissues. , 2016, , .		1
14	Application of IR thermography and thermal inverse modelling to evaluate power losses in ferromagnetic strips. Quantitative InfraRed Thermography Journal, 2018, 15, 54-67.	4.2	1
15	Identification of the Thermal Constants of the DPL Heat Transfer Model of a Single Layer Porous Material. , 2021, 25, 41-46.	0.1	1
16	Thermal parameter extraction for screening procedure of skin pathologies based on the cold provocation. , 0, , .		1
17	Thermal modelling and thermography measurements of thermoregulation effects in a skin tissue. , 0, , .		1
18	Application of IR thermography for thermal inverse modelling to evaluate the local power loss in punched ferromagnetic strips. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Functional Thermal Imaging of Skin Tissue Using the Discrete Thermal Time Constants Spectrum. Advances in Intelligent Systems and Computing, 2019, , 3-12.	0.6	0