

Slawomir Wilczynski

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

45 papers	257 citations	9 h-index	14 g-index
57 ext. papers	357 ext. citations	3.7 avg, IF	3.46 L-index

#	Paper	IF	Citations
45	The Effects of Green Tea (), Bamboo Extract () and Lactic Acid on Sebum Production in Young Women with Acne Vulgaris Using Sonophoresis Treatment.. <i>Healthcare (Switzerland)</i> , 2022 , 10,	3.4	1
44	Potential Use of Novel Image and Signal Processing Methods to Develop a Quantitative Assessment of the Severity of Acute Radiation Dermatitis in Breast Cancer Radiotherapy.. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2022 , 15, 725-733	2.9	
43	Assessment of Psoriatic Skin Features Using Non-Invasive Imaging Technique. <i>Processes</i> , 2022 , 10, 985	2.9	1
42	Hyperspectral imaging and directional reflectance for predicting interaction of laser radiation with biodeteriorated objects threatening human health. <i>International Biodeterioration and Biodegradation</i> , 2022 , 173, 105440	4.8	2
41	The use of light in the treatment of acne vulgaris-a review. <i>Journal of Cosmetic Dermatology</i> , 2021 , 20, 3788-3792	2.5	
40	Radial Growth Response of European Larch Provenances to Interannual Climate Variation in Poland. <i>Forests</i> , 2021 , 12, 334	2.8	4
39	Mapping of Nanomechanical Properties of Enamel Surfaces Due to Orthodontic Treatment by AFM Method. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3918	2.6	0
38	Automatic Mobile Warning System against People with Elevated Body Temperature. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4721	2.6	1
37	Effect of sorbitan monopalmitate on the polymorphic transitions and physicochemical properties of mango butter. <i>Food Chemistry</i> , 2021 , 347, 128987	8.5	3
36	Effective microbiological decontamination of dental healing abutments colonised with Rothia aeria by a diode laser as a helpful step towards successful implantoprosthesis therapy. <i>Lasers in Medical Science</i> , 2021 , 36, 875-887	3.1	2
35	Analysis of the effectiveness of chemical peelings in the treatment of acne vulgaris assessed using high-frequency ultrasound-A comparative study. <i>Journal of Cosmetic Dermatology</i> , 2021 , 20, 2810-2815	2.5	0
34	The use of infrared thermal imaging in tonometry with a Scheimpflug camera. <i>Journal of Thermal Biology</i> , 2021 , 96, 102823	2.9	0
33	Assessment of Periodontium Temperature Changes under Orthodontic Force by Using Objective and Automatic Classifier. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2634	2.6	1
32	Overview of the Active Ingredients in Cosmetic Products for the Care of Skin That Has Been Exposed to Ionizing Radiation - Analysis of Their Effectiveness in Breast Cancer Radiotherapy. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021 , 14, 1065-1076	2.9	0
31	A split-face comparative study to evaluate the efficacy of 50% pyruvic acid against a mixture of glycolic and salicylic acids in the treatment of acne vulgaris. <i>Journal of Cosmetic Dermatology</i> , 2020 , 19, 2352-2358	2.5	2
30	Irradiation with medical diode laser as a new method of spot-elimination of microorganisms to preserve historical cellulosic objects and human health. <i>International Biodeterioration and Biodegradation</i> , 2020 , 154, 105055	4.8	8
29	Diagnosis of Temporomandibular Disorders Using Thermovision Imaging. <i>Pain Research and Management</i> , 2020 , 2020, 5481365	2.6	5

28	Impact of the Enamel Cleaning Procedure during Debonding on Endodontium Temperature: In Vitro Tests. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8672	2.6	0
27	The use of microtomographic imaging in the identification of counterfeit medicines. <i>Talanta</i> , 2019 , 195, 870-875	6.2	3
26	CO laser treatment for pearly penile papules - personal experience. <i>Journal of Cosmetic and Laser Therapy</i> , 2019 , 21, 152-157	1.8	2
25	Thermal image analysis using the serpentine method. <i>Infrared Physics and Technology</i> , 2018 , 89, 97-109	2.7	4
24	The influence of chocolate on human health. <i>Annales Academiae Medicae Silesiensis</i> , 2018 , 72, 69-79	0.1	
23	Assessment of knowledge and selected attitudes among Silesians about effects of ultraviolet radiation on health. <i>Przegląd Epidemiologiczny</i> , 2018 , 72, 525-536	0.4	
22	In vivo dynamic thermal imaging of skin radiofrequency treatment. <i>Journal of Cosmetic Dermatology</i> , 2018 , 18, 1307	2.5	1
21	Corneal Vibrations during Intraocular Pressure Measurement with an Air-Puff Method. <i>Journal of Healthcare Engineering</i> , 2018 , 2018, 5705749	3.7	3
20	The Use of Directional Reflectance Measurement for in vivo Assessment of Protective Properties of Cosmetics in the Infrared Radiation Range. <i>Photochemistry and Photobiology</i> , 2017 , 93, 1303-1311	3.6	0
19	Dedicated tool to assess the impact of a rhetorical task on human body temperature. <i>International Journal of Psychophysiology</i> , 2017 , 120, 69-77	2.9	3
18	Image-guided automatic triggering of a fractional CO2 laser in aesthetic procedures. <i>Computers in Biology and Medicine</i> , 2016 , 76, 1-6	7	
17	A quantitative method for assessing the quality of meibomian glands. <i>Computers in Biology and Medicine</i> , 2016 , 75, 130-8	7	19
16	Directional reflectance analysis for identifying counterfeit drugs: Preliminary study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 341-346	3.5	9
15	The use of hyperspectral imaging in the VNIR (400-1000nm) and SWIR range (1000-2500nm) for detecting counterfeit drugs with identical API composition. <i>Talanta</i> , 2016 , 160, 1-8	6.2	14
14	Microtomographic studies of subdivision of modified-release tablets. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 899-912	6.5	6
13	The Matching Method for Rectified Stereo Images Based on Minimal Element Distance and RGB Component Analysis. <i>Lecture Notes in Computer Science</i> , 2016 , 482-493	0.9	2
12	The use of dynamic thermal analysis to distinguish between genuine and counterfeit drugs. <i>International Journal of Pharmaceutics</i> , 2015 , 490, 16-21	6.5	14
11	Quantitative assessment of the impact of blood pulsation on images of the pupil in infrared light. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015 , 32, 1446-53	1.8	3

10	Automatic method for detection of characteristic areas in thermal face images. <i>Multimedia Tools and Applications</i> , 2015 , 74, 4351-4368	2.5	19
9	Quantitative assessment of responses of the eyeball based on data from the Corvis tonometer. <i>Computers in Biology and Medicine</i> , 2015 , 58, 91-100	7	11
8	Free radicals properties of gamma-irradiated penicillin-derived antibiotics: piperacillin, ampicillin, and crystalline penicillin. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 203-10	2	6
7	Automatic method for the dermatological diagnosis of selected hand skin features in hyperspectral imaging. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 47	4.1	18
6	Dynamic thermal imaging analysis in the effectiveness evaluation of warming and cooling formulations. <i>Computers in Biology and Medicine</i> , 2014 , 54, 129-36	7	1
5	Calibration and segmentation of skin areas in hyperspectral imaging for the needs of dermatology. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 113	4.1	18
4	Mobile sailing robot for automatic estimation of fish density and monitoring water quality. <i>BioMedical Engineering OnLine</i> , 2013 , 12, 60	4.1	8
3	Methods of measuring the iridocorneal angle in tomographic images of the anterior segment of the eye. <i>BioMedical Engineering OnLine</i> , 2013 , 12, 40	4.1	9
2	EPR studies of free radicals decay and survival in gamma irradiated aminoglycoside antibiotics: sisomicin, tobramycin and paromomycin. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 45, 251-62	5.1	18
1	EPR examination of Zn ²⁺ and Cu ²⁺ binding by pigmented soil fungi <i>Cladosporium cladosporioides</i> . <i>Science of the Total Environment</i> , 2006 , 363, 195-205	10.2	34