Slawomir Wilczynski

List of Publications by Citations

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	EPR examination of Zn2+ and Cu2+ binding by pigmented soil fungi Cladosporium cladosporioides. *Science of the Total Environment*, **2006**, 363, 195-205	10.2	34
44	Automatic method for detection of characteristic areas in thermal face images. *Multimedia Tools and Applications*, **2015**, 74, 4351-4368	2.5	19
43	A quantitative method for assessing the quality of meibomian glands. *Computers in Biology and Medicine*, **2016**, 75, 130-8	7	19
42	Automatic method for the dermatological diagnosis of selected hand skin features in hyperspectral imaging. *BioMedical Engineering OnLine*, **2014**, 13, 47	4.1	18
41	EPR studies of free radicals decay and survival in gamma irradiated aminoglycoside antibiotics: sisomicin, tobramycin and paromomycin. *European Journal of Pharmaceutical Sciences*, **2012**, 45, 251-62	5.1	18
40	Calibration and segmentation of skin areas in hyperspectral imaging for the needs of dermatology. *BioMedical Engineering OnLine*, **2014**, 13, 113	4.1	18
39	The use of dynamic thermal analysis to distinguish between genuine and counterfeit drugs. *International Journal of Pharmaceutics*, **2015**, 490, 16-21	6.5	14
38	The use of hyperspectral imaging in the VNIR (400-1000nm) and SWIR range (1000-2500nm) for detecting counterfeit drugs with identical API composition. *Talanta*, **2016**, 160, 1-8	6.2	14
37	Quantitative assessment of responses of the eyeball based on data from the Corvis tonometer. *Computers in Biology and Medicine*, **2015**, 58, 91-100	7	11
36	Directional reflectance analysis for identifying counterfeit drugs: Preliminary study. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 124, 341-346	3.5	9
35	Methods of measuring the iridocorneal angle in tomographic images of the anterior segment of the eye. *BioMedical Engineering OnLine*, **2013**, 12, 40	4.1	9
34	Mobile sailing robot for automatic estimation of fish density and monitoring water quality. *BioMedical Engineering OnLine*, **2013**, 12, 60	4.1	8
33	Irradiation with medical diode laser as a new method of spot-elimination of microorganisms to preserve historical cellulosic objects and human health. *International Biodeterioration and Biodegradation*, **2020**, 154, 105055	4.8	8
32	Free radicals properties of gamma-irradiated penicillin-derived antibiotics: piperacillin, ampicillin, and crystalline penicillin. *Radiation and Environmental Biophysics*, **2014**, 53, 203-10	2	6
31	Microtomographic studies of subdivision of modified-release tablets. *International Journal of Pharmaceutics*, **2016**, 511, 899-912	6.5	6
30	Diagnosis of Temporomandibular Disorders Using Thermovision Imaging. *Pain Research and Management*, **2020**, 2020, 5481365	2.6	5
29	Thermal image analysis using the serpentine method. *Infrared Physics and Technology*, **2018**, 89, 97-109	2.7	4

28	Radial Growth Response of European Larch Provenances to Interannual Climate Variation in Poland. *Forests*, **2021**, 12, 334	2.8	4
27	The use of microtomographic imaging in the identification of counterfeit medicines. *Talanta*, **2019**, 195, 870-875	6.2	3
26	Quantitative assessment of the impact of blood pulsation on images of the pupil in infrared light. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2015**, 32, 1446-53	1.8	3
25	Dedicated tool to assess the impact of a rhetorical task on human body temperature. *International Journal of Psychophysiology*, **2017**, 120, 69-77	2.9	3
24	Effect of sorbitan monopalmitate on the polymorphic transitions and physicochemical properties of mango butter. *Food Chemistry*, **2021**, 347, 128987	8.5	3
23	Corneal Vibrations during Intraocular Pressure Measurement with an Air-Puff Method. *Journal of Healthcare Engineering*, **2018**, 2018, 5705749	3.7	3
22	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. *Journal of Cosmetic Dermatology*, **2020**, 19, 2352-2358	2.5	2
21	CO laser treatment for pearly penile papules - personal experience. *Journal of Cosmetic and Laser Therapy*, **2019**, 21, 152-157	1.8	2
20	The Matching Method for Rectified Stereo Images Based on Minimal Element Distance and RGB Component Analysis. *Lecture Notes in Computer Science*, **2016**, 482-493	0.9	2
19	Effective microbiological decontamination of dental healing abutments colonised with Rothia aeria by a diode laser as a helpful step towards successful implantoprosthetic therapy. *Lasers in Medical Science*, **2021**, 36, 875-887	3.1	2
18	Hyperspectral imaging and directional reflectance for predicting interaction of laser radiation with biodeteriorated objects threatening human health. *International Biodeterioration and Biodegradation*, **2022**, 173, 105440	4.8	2
17	Dynamic thermal imaging analysis in the effectiveness evaluation of warming and cooling formulations. *Computers in Biology and Medicine*, **2014**, 54, 129-36	7	1
16	Automatic Mobile Warning System against People with Elevated Body Temperature. *Applied Sciences (Switzerland)*, **2021**, 11, 4721	2.6	1
15	In vivo dynamic thermal imaging of skin radiofrequency treatment. *Journal of Cosmetic Dermatology*, **2018**, 18, 1307	2.5	1
14	Assessment of Periodontium Temperature Changes under Orthodontic Force by Using Objective and Automatic Classifier. *Applied Sciences (Switzerland)*, **2021**, 11, 2634	2.6	1
13	The Effects of Green Tea (), Bamboo Extract () and Lactic Acid on Sebum Production in Young Women with Acne Vulgaris Using Sonophoresis Treatment.. *Healthcare (Switzerland)*, **2022**, 10,	3.4	1
12	Assessment of Psoriatic Skin Features Using Non-Invasive Imaging Technique. *Processes*, **2022**, 10, 985	2.9	1
11	The Use of Directional Reflectance Measurement for in vivo Assessment of Protective Properties of Cosmetics in the Infrared Radiation Range. *Photochemistry and Photobiology*, **2017**, 93, 1303-1311	3.6	0

10	Impact of the Enamel Cleaning Procedure during Debonding on Endodontium Temperature: In Vitro Tests. *Applied Sciences (Switzerland)*, **2020**, 10, 8672	2.6	0
9	Mapping of Nanomechanical Properties of Enamel Surfaces Due to Orthodontic Treatment by AFM Method. *Applied Sciences (Switzerland)*, **2021**, 11, 3918	2.6	0
8	Analysis of the effectiveness of chemical peelings in the treatment of acne vulgaris assessed using high-frequency ultrasound-A comparative study. *Journal of Cosmetic Dermatology*, **2021**, 20, 2810-2815	2.5	0
7	The use of infrared thermal imaging in tonometry with a Scheimpflug camera. *Journal of Thermal Biology*, **2021**, 96, 102823	2.9	0
6	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. *Clinical, Cosmetic and Investigational Dermatology*, **2021**, 14, 1065-1076	2.9	0
5	Image-guided automatic triggering of a fractional CO2 laser in aesthetic procedures. *Computers in Biology and Medicine*, **2016**, 76, 1-6	7	
4	The use of light in the treatment of acne vulgaris-a review. *Journal of Cosmetic Dermatology*, **2021**, 20, 3788-3792	2.5	
3	The influence of chocolate on human health. *Annales Academiae Medicae Silesiensis*, **2018**, 72, 69-79	0.1	
2	Assessment of knowledge and selected attitudes among Silesians about effects of ultraviolet radiation on health. *Przeglad Epidemiologiczny*, **2018**, 72, 525-536	0.4	
1	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.. *Clinical, Cosmetic and Investigational Dermatology*, **2022**, 15, 725-733	2.9	