Tomasz Marciniak

List of Publications by Year
in descending order

		1307366	1199470
61 papers	**261** citations	**7** h-index	**12** g-index
63 all docs	**63** docs citations	**63** times ranked	**202** citing authors

#	Article	IF	Citations
1	Influence of low resolution of images on reliability of face detection and recognition. Multimedia Tools and Applications, 2015, 74, 4329-4349.	2.6	43
2	The Investigations of Fatigue Cracking of Laser Welded Joint with the Use of â€˜FatigueVIEWâ€™ System. Key Engineering Materials, 0, 598, 26-31.	0.4	16
3	Selection of parameters in iris recognition system. Multimedia Tools and Applications, 2014, 68, 193-208.	2.6	14
4	Improving Segmentation of 3D Retina Layers Based on Graph Theory Approach for Low Quality OCT Images. Metrology and Measurement Systems, 2016, 23, 269-280.	1.4	14
5	Automatic people density maps generation with use of movement detection analysis. , 2013, , .		12
6	Denoising methods for improving automatic segmentation in OCT images of human eye. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2017, 65, 71-78.	0.8	10
7	Low Complexity Lane Detection Methods for Light Photometry System. Electronics (Switzerland), 2021, 10, 1665.	1.8	9
8	Biometric speech signal processing in a system with digital signal processor. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2014, 62, 589-594.	0.8	7
9	Implementation aspects of speaker recognition using Python language and Raspberry Pi platform. , 2015, , .		7
10	Describing N2R Properties Using Ideal Graphs. , 2009, , .		6
11	Matching 3D OCT retina images into super-resolution dataset. , 2016, , .		6
12	Raspberry Pi based complete embedded system for iris recognition. , 2017, , .		6
13	Comparison of Modified Degree 6 Chordal Rings. Advances in Intelligent and Soft Computing, 2010, , 435-445.	0.2	6
14	Face Recognition from Low Resolution Images. Communications in Computer and Information Science, 2012, , 220-229.	0.4	6
15	Measuring Platform for Quality Testing of Airport Lamps. , 2019, 23, 5-13.	0.1	6
16	Segmentation of Preretinal Space in Optical Coherence Tomography Images Using Deep Neural Networks. Sensors, 2021, 21, 7521.	2.1	6
17	Application of Digital Image Correlation in Fatigue Crack Analysis. Materials Science Forum, 2012, 726, 218-221.	0.3	5
18	Detection of GSM speech coding for telephone call classification and automatic speaker recognition. , 2008, , .		4

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19	New Approach To Traffic Density Estimation Based On Indoor And Outdoor Scenes From CCTV. Foundations of Computing and Decision Sciences, 2015, 40, 119-132.	0.5	4
20	Automatic modeling and classification of vitreomacular traction pathology stages. , 2016, , .		4
21	Detection of QRS Complex with the Use of Matched Filtering. Advances in Intelligent Systems and Computing, 2017, , 310-322.	0.5	4
22	Canonic Goertzel algorithm and drawbacks of various Goertzel algorithm formulations. , 2017, , .		4
23	Elektroniczna matryca pomiarowa do badania lamp lotniskowych. Przeglad Elektrotechniczny, 2021, 1, 49-53.	0.1	4
24	Improving of Speaker Identification from Mobile Telephone Calls. Communications in Computer and Information Science, 2014, , 254-264.	0.4	4
25	Dual-Band Experimental System For Subsurface Cracks Testing. Materials Science Forum, 0, 726, 222-225.	0.3	3
26	Robot Actions Planning Algorithms in Multi-Agent System. Solid State Phenomena, 2014, 223, 221-230.	0.3	3
27	Volumetric segmentation of human eye blood vessels based on OCT images. , 2017, , .		3
28	Challenges for the Large-Scale Integration of Distributed Renewable Energy Resources in the Next Generation Virtual Power Plants. Proceedings (mdpi), 2020, 63, .	0.2	3
29	Network Structures Constructed on Basis of Chordal Rings 4th Degree. Advances in Intelligent Systems and Computing, 2014, , 281-299.	0.5	3
30	Modeling Telecommunication Networks with the Use of Reference Graphs. Advances in Intelligent Systems and Computing, 2018, , 115-126.	0.5	3
31	Fast Prototyping for Video Monitoring Systems with the Use of DSP Module. International Journal of Electronics and Telecommunications, 2013, 59, .	0.5	3
32	CCTV based system for detection of anti-virus masks. , 2020, , .		3
33	The Use of Texture Analysis in Optical Inspection of Manufacturing Processes. Solid State Phenomena, 2015, 237, 95-100.	0.3	2
34	IMAGING AND MEASUREMENT OF THE PRERETINAL SPACE IN VITREOMACULAR ADHESION AND VITREOMACULAR TRACTION BY A NEW SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY ANALYSIS. Retina, 2017, 37, 1839-1846.	1.0	2
35	Novel full-automatic approach for segmentation of epiretinal membrane from 3D OCT images. , 2017, , .		2
36	The Influence of the Number of Uses of the Edges of a Reference Graph on the Transmission Properties of the Network Described by the Graph. Advances in Intelligent Systems and Computing, 2020, , 73-81.	0.5	2

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37	Zastosowanie mikrokontrolera STM32F410 do prezentacji zagadnieÅ„ cyfrowego przetwarzania sygnaÅ‚Ã³w. Przeglad Elektrotechniczny, 2019, 1, 120-122.	0.1	2
38	Detection Of Endpoints Of Isolated Words Using Slope Transformation. , 2006, , .		1
39	Parallel digital signal processing using multi-issue instructions. , 2007, , .		1
40	Real Time Recognition Of Speakers From Internet Audio Stream. Foundations of Computing and Decision Sciences, 2015, 40, 223-233.	0.5	1
41	Influence of OCT acquisition on fovea shape analysis in the parameterization applications. , 2018, , .		1
42	Applicability of Machine Learning to Short-Term Prediction of Changes in the Low Voltage Electricity Distribution Network. Lecture Notes in Computer Science, 2021, , 270-277.	1.0	1
43	Fast Face Localisation Using AdaBoost Algorithm and Identification with Matrix Decomposition Methods. Communications in Computer and Information Science, 2011, , 242-250.	0.4	1
44	PorÃ³wnanie i ocena skutecznoÅ›ci detekcji i rozpoznawania twarzy w sekwencjach wideo. Przeglad Elektrotechniczny, 2016, 1, 139-142.	0.1	1
45	The detection of isomorphism of networks described by Reference Graphs. , 2020, , .		1
46	Advances in Computer Recognition, Image Processing and Communications. Entropy, 2022, 24, 108.	1.1	1
47	Prototype System for Plasma Film Surface Modification. Solid State Phenomena, 0, 223, 146-152.	0.3	0
48	A Method for Optical Liquid Flow Analysis. Solid State Phenomena, 2015, 237, 101-106.	0.3	0
49	Application of the projective geometry in the density mapping based on CCTV monitoring. , 2015, , .		0
50	Multithreaded Java approach to speaker recognition. , 2016, , .		0
51	Determination of the optimal position of the sink node for the purposes of preservation of low emissivity in the last mile telemetrie network. , 2016, , .		0
52	Kinetic measures for automatic motion analysis in CCTV systems. , 2017, , .		0
53	Adaptive methods of time-dependent crowd density distribution visualization. , 2018, , .		0
54	Method of limiting the emissivity of WSN networks. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3470-3485.	0.9	0

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55	Analysis of Particular Iris Recognition Stages. Communications in Computer and Information Science, 2011, , 198-206.	0.4	0
56	Nauczanie zagadnieÅ" cyfrowego przetwarzania sygnaÅ‚Ã³w z zastosowaniem moduÅ‚Ã³w z mikrokontrolerem. Przeglad Elektrotechniczny, 2018, 1, 127-129.	0.1	0
57	Reliability of Fovea Features Measurement from 3D OCT Images for Monitoring Treatment Outcome. , 2019, , .		0
58	Projektowanie filtrÃ³w analogowych do moduÅ‚Ã³w cyfrowego przetwarzania sygnaÅ‚Ã³w. Przeglad Elektrotechniczny, 2019, 1, 127-131.	0.1	0
59	Analysis of Digital Filtering with the Use of STM32 Family Microcontrollers. Advances in Intelligent Systems and Computing, 2020, , 287-295.	0.5	0
60	Iterative Hard Thresholding with Memory-based Dynamic Sparse Wireless Channel Estimator. , 2020, , .		0
61	Prototypowanie moduÅ‚Ã³w mikroprocesorowych do wykrywania wzorcÃ³w ruchowych. Przeglad Elektrotechniczny, 2022, 1, 89-92.	0.1	0