

Handoyo Widi Nugroho

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

1,293
citations

686830

13
h-index

752256

20
g-index

215
all docs

215
docs citations

215
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple layer data hiding scheme based on difference expansion of quad. Signal Processing, 2017, 137, 52-62.	2.1	50
2	Analysis of retinal fundus images for grading of diabetic retinopathy severity. Medical and Biological Engineering and Computing, 2011, 49, 693-700.	1.6	48
3	Muscle fatigue compensation of the electromyography signal for elbow joint angle estimation using adaptive feature. Computers and Electrical Engineering, 2018, 71, 284-293.	3.0	34
4	Determination of foveal avascular zone in diabetic retinopathy digital fundus images. Computers in Biology and Medicine, 2010, 40, 657-664.	3.9	29
5	Feature extraction and classification for detection malaria parasites in thin blood smear. , 2015, , .		29
6	Thyroid nodule segmentation using active contour bilateral filtering on ultrasound images. , 2015, , .		23
7	Increasing the security of mp3 steganography using AES Encryption and MD5 hash function. , 2016, , .		23
8	Evaluating the performance of Kalman filter on elbow joint angle prediction based on electromyography. International Journal of Precision Engineering and Manufacturing, 2017, 18, 1739-1748.	1.1	23
9	Depth gaze and ECG based frequency dynamics during motion sickness in stereoscopic 3D movie. Entertainment Computing, 2018, 26, 117-127.	1.8	23
10	Evaluating 3D gaze tracking in virtual space: A computer graphics approach. Entertainment Computing, 2017, 21, 11-17.	1.8	21
11	Deep learning-based Diabetic Retinopathy assessment on embedded system. , 2017, 2017, 1760-1763.		21
12	An Investigation Into Time Domain Features of Surface Electromyography to Estimate the Elbow Joint Angle. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.2	21
13	Signal Domain in Respiratory Sound Analysis: Methods, Application and Future Development. Journal of Computer Science, 2015, 11, 1005-1016.	0.5	18
14	Determining lung sound characterization using Hjorth descriptor. , 2015, , .		18
15	Computer aided diagnosis for thyroid cancer system based on internal and external characteristics. Journal of King Saud University - Computer and Information Sciences, 2021, 33, 329-339.	2.7	18
16	Entropy measurement as features extraction in automatic lung sound classification. , 2017, , .		17
17	Retinal vasculature enhancement using independent component analysis. Journal of Biomedical Science and Engineering, 2009, 02, 543-549.	0.2	17
18	A comparison of classification methods on diagnosis of thyroid diseases. , 2015, , .		16

#	ARTICLE	IF	CITATIONS
19	Analysis of foveal avascular zone in colour fundus images for grading of diabetic retinopathy severity. , 2010, 2010, 5632-5.		15
20	Gaussian Bayes classifier for medical diagnosis and grading: Application to diabetic retinopathy. , 2010, , .		15
21	An image preprocessing method for kidney stone segmentation in CT scan images. , 2018, , .		15
22	Performance analysis of edge and detailed preserved speckle noise reduction filters for breast ultrasound images. , 2015, , .		14
23	Classification of breast ultrasound images based on texture analysis. , 2016, , .		14
24	Feature extraction for lesion margin characteristic classification from CT Scan lungs image. , 2016, , .		14
25	Effect of window length on performance of the elbow-joint angle prediction based on electromyography. Journal of Physics: Conference Series, 2017, 853, 012014.	0.3	14
26	Texture analysis for classification of thyroid ultrasound images. , 2016, , .		13
27	Lung Sound Classification Using Empirical Mode Decomposition and the Hjorth Descriptor. American Journal of Applied Sciences, 2017, 14, 166-173.	0.1	13
28	Seizure Type Detection in Epileptic EEG Signal using Empirical Mode Decomposition and Support Vector Machine. , 2019, , .		13
29	Comparison of empirical mode decomposition and coarse-grained procedure for detecting pre-ictal and ictal condition in electroencephalography signal. Informatics in Medicine Unlocked, 2020, 19, 100325.	1.9	13
30	Pulmonary crackle feature extraction using tsallis entropy for automatic lung sound classification. , 2016, , .		12
31	Comparative Performance Study on Ordinary and Chaos Image Encryption Schemes. , 2017, , .		12
32	Optic Disc Segmentation Based on Red Channel Retinal Fundus Images. Communications in Computer and Information Science, 2015, , 348-359.	0.4	12
33	Quantifying visual attention and visually induced motion sickness during day-night driving and sleep deprivation. , 2015, , .		11
34	Performance evaluation of combined feature selection and classification methods in diagnosing parkinson disease based on voice feature. , 2015, , .		11
35	Investigation of visual attention in day-night driving simulator during cybersickness occurrence. , 2016, , .		11
36	Multiscale Hjorth descriptor for lung sound classification. AIP Conference Proceedings, 2016, , .	0.3	11

#	ARTICLE	IF	CITATIONS
37	Detection of Exudates on Color Fundus Images using Texture Based Feature Extraction. International Journal of Technology, 2015, 6, 121.	0.4	11
38	String actuated upper limb exoskeleton based on surface electromyography control. , 2016, , .		10
39	Classification of thyroid nodules based on analysis of margin characteristic. , 2017, , .		10
40	Towards understanding addiction factors of mobile devices: An eye tracking study on effect of screen size. , 2017, 2017, 2454-2457.		10
41	Cardiac Sound Classification Using Mel-Frequency Cepstral Coefficients (MFCC) and Artificial Neural Network (ANN). , 2018, , .		10
42	Deep Neural Network with Hyperparameter Tuning for Detection of Heart Disease. , 2021, , .		10
43	Multi-distance fluctuation based dispersion fractal for epileptic seizure detection in EEG signal. Biomedical Signal Processing and Control, 2021, 69, 102938.	3.5	10
44	Analysis of Foveal Avascular Zone for grading of Diabetic Retinopathy. International Journal of Biomedical Engineering and Technology, 2011, 6, 232.	0.2	9
45	Enhancement of colour fundus image and FFA image using RETICA. , 2012, , .		9
46	Identification of malignant masses on digital mammogram images based on texture feature and correlation based feature selection. , 2014, , .		9
47	Lung sounds classification using spectrogram's first order statistics features. , 2016, , .		9
48	Feature extraction based on laws' texture energy for lesion echogenicity classification of thyroid ultrasound images. , 2017, , .		9
49	Automated segmentation of foveal avascular zone in digital colour retinal fundus images. International Journal of Biomedical Engineering and Technology, 2017, 23, 1.	0.2	9
50	COMPARISON OF DISCRETE WAVELET TRANSFORM AND WAVELET PACKET DECOMPOSITION FOR THE LUNG SOUND CLASSIFICATION. Far East Journal of Electronics and Communications, 2017, 17, 1065-1078.	0.2	9
51	Contrast Enhancement of Retinal Vasculature in Digital Fundus Image. , 2009, , .		8
52	System of negative Indonesian website detection using TF-IDF and Vector Space Model. , 2014, , .		8
53	Segmentation of exudates based on high pass filtering in retinal fundus images. , 2015, , .		8
54	Performance analysis of image segmentation for breast ultrasound images. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
55	Automated detection of breast cancer lesions using adaptive thresholding and morphological operation. , 2016, , .		8
56	Spinal curvature determination from scoliosis X-Ray image using sum of squared difference template matching. , 2016, , .		8
57	Segmentation of optic disc and optic cup in colour fundus images based on morphological reconstruction. , 2017, , .		8
58	Adaptive threshold to compensate the effect of muscle fatigue on elbow-joint angle estimation based on electromyography. Journal of Mechanical Engineering and Sciences, 2018, 12, 3786-3796.	0.3	8
59	Internal content classification of ultrasound thyroid nodules based on textural features. Communications in Science and Technology, 2016, 1, 61-69.	0.4	8
60	Benchmarking of feature selection techniques for coronary artery disease diagnosis. , 2014, , .		7
61	Negative content filtering based on skin texture, homomorphic filter and localizations. , 2014, , .		7
62	Perspective rectification in vehicle number plate recognition using 2D-2D transformation of Planar Homography. , 2015, , .		7
63	Automated microaneurysms (MAs) detection in digital colour fundus images using matched filter. , 2015, , .		7
64	Maximum entropy principle for exudates segmentation in retinal fundus images. , 2016, , .		7
65	DWT analysis of sEMG for muscle fatigue assessment of dynamic motion flexion-extension of elbow joint. , 2016, , .		7
66	Quantitative relationship between feature extraction of sEMG and upper limb elbow joint angle. , 2016, , .		7
67	Lung detection using Adaptive Border correction. , 2017, , .		7
68	Retinal vessel segmentation based on Frangi filter and morphological reconstruction. , 2017, , .		7
69	A Combination of multiple imputation and principal component analysis to handle missing value with arbitrary pattern. , 2017, , .		7
70	Multilevel wavelet packet entropy: A new strategy for lung sound feature extraction based on wavelet entropy. , 2017, , .		7
71	Automated determination of Plasmodium region of interest on thin blood smear images. , 2017, , .		7
72	Segmentation of Plasmodium using Saturation Channel of HSV Color Space. , 2019, , .		7

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73	Higuchi and Katz Fractal Dimension for Detecting Interictal and Ictal State in Electroencephalogram Signal. , 2019, , .		7
74	A Study on Signal Complexity Measurement for Epileptic Seizure Detection. , 2019, , .		7
75	Analysis of emotional condition based on electrocardiogram signals. , 2014, , .		6
76	Automated segmentation of optic disc area using mathematical morphology and active contour. , 2015, , .		6
77	Negative content filtering for video application. , 2015, , .		6
78	Performance analysis of filtering techniques for speckle reduction on breast ultrasound images. , 2016, , .		6
79	Segmentation of retinal blood vessels using Gabor wavelet and morphological reconstruction. , 2017, , .		6
80	Classification of thyroid ultrasound images based on shape features analysis. , 2017, , .		6
81	Texture analysis and classification in ultrasound medical images for determining echo pattern characteristics. , 2017, , .		6
82	Analysis of digital mammograms for detection of breast cancer. , 2014, , .		5
83	Active contour bilateral filter for breast lesions segmentation on ultrasound images. , 2015, , .		5
84	Segmentation of Plasmodium vivax phase on digital microscopic images of thin blood films using colour channel combination and Otsu method. AIP Conference Proceedings, 2016, , .	0.3	5
85	Analysis of shape features for lesion classification in breast ultrasound images. AIP Conference Proceedings, 2016, , .	0.3	5
86	Segmentation of optic disc on retinal fundus images using morphological reconstruction enhancement and active contour. , 2016, , .		5
87	Toward development of automated plasmodium detection for Malaria diagnosis in thin blood smear image: An overview. , 2016, , .		5
88	Breast ultrasound image segmentation based on neutrosophic set and watershed method for classifying margin characteristics. , 2017, , .		5
89	Fractal Dimension for Lung Sound Classification in Multiscale Scheme. Journal of Computer Science, 2018, 14, 1081-1096.	0.5	5
90	Redesign of E-Participation using User-Centered Design Approach for Improving User Experience. , 2019, , .		5

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91	Ultrasound object detection using morphological region-based active contour: an application system. International Journal of Innovation and Learning, 2021, 29, 412.	0.4	5
92	Automated localisation of optic disc in retinal colour fundus image for assisting in the diagnosis of glaucoma. Communications in Science and Technology, 2017, 2, 18-23.	0.4	5
93	Comparative study of attribute reduction on arrhythmia classification dataset. , 2013, , .		4
94	The impact of different fold for cross validation of missing values imputation method on hepatitis dataset. , 2015, , .		4
95	Plasmodium detection methods in thick blood smear images for diagnosing Malaria: A review. , 2016, , .		4
96	Nipple detection to identify negative content on digital images. , 2016, , .		4
97	Long distance Automatic Number Plate Recognition under perspective distortion using zonal density and Support Vector Machine. , 2017, , .		4
98	Neutrosophic and fuzzy C-means clustering for breast ultrasound image segmentation. , 2017, , .		4
99	Modification of Grey Level Difference Matrix (GLDM) for Lung Sound Classification. , 2018, , .		4
100	Thyroid Nodule Classification Based on Characteristic of Margin using Geometric and Statistical Features. , 2018, , .		4
101	Adaptive Threshold Determination Based on Entropy in Active Contour without Edge Method for Malaria Parasite Candidate Detection. , 2018, , .		4
102	Evaluating the linear regression of Kalman filter model on elbow joint angle estimation using electromyography signal. AIP Conference Proceedings, 2018, , .	0.3	4
103	Performance of Lacunarity Features for Classifying Thyroid Nodule using Thyroid Ultrasound Images. , 2018, , .		4
104	Glaucoma Classification Based on Texture and Morphological Features. , 2019, , .		4
105	Multithresholding Approach for Segmenting Plasmodium Parasites. , 2019, , .		4
106	A Web-Based Decision Support System of Patient Time Prediction Using Iterative Dichotomiser 3 Algorithm. , 2019, , .		4
107	Continuous Wavelet Transform Analysis of Surface Electromyography for Muscle Fatigue Assessment on the Elbow Joint Motion. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.2	4
108	Segmentation of retinal blood vessels for detection of diabetic retinopathy: A review. Communications in Science and Technology, 2016, 1, .	0.4	4

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109	Multiresolution Modified Grey Level Difference for Respiratory Sound Classification. <i>Advanced Science Letters</i> , 2017, 23, 3869-3873.	0.2	4
110	Deep Learning Approach for Malaria Parasite Detection in Thick Blood Smear Images. , 2021, , .		4
111	Contrast measurement for no-reference retinal image quality assessment. , 2014, , .		3
112	Feature extraction and classification of heart sound based on autoregressive power spectral density (AR-PSD). , 2014, , .		3
113	Feature extraction for classifying lesion's shape of breast ultrasound images. , 2015, , .		3
114	Comparison of two different types of morphological method for feature extraction of retinal vessels in colour fundus images. , 2016, , .		3
115	Classification of breast ultrasound images based on posterior feature. , 2016, , .		3
116	Combination schemes Reversible Data Hiding for medical images. , 2016, , .		3
117	Automated segmentation of hard exudates based on matched filtering. , 2016, , .		3
118	A microclimate closed house control design for broiler strain. , 2017, , .		3
119	Analysis of margin sharpness for breast nodule classification on ultrasound images. , 2017, , .		3
120	A comparison of three preprocessing techniques for kidney stone segmentation in CT scan images. , 2018, , .		3
121	Saturation channel extraction of HSV color space for segmenting Plasmodium parasite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1088, 012073.	0.3	3
122	Wrist Hand Vein Recognition Using Local Line Binary Pattern (LLBP). , 2019, , .		3
123	Multiscale tsallis entropy for pulmonary crackle detection. <i>International Journal of Advances in Intelligent Informatics</i> , 2018, 4, 192.	0.8	3
124	Comparison of Multiscale Entropy for Lung Sound Classification. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 984.	0.7	3
125	Thyroid Nodules Categorization Based On Margin Features Using Deep Learning. , 2020, , .		3
126	Detection of Malaria Parasites in Thin Red Blood Smear Using a Segmentation Approach with U-Net. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
127	Combinatorial active contour bilateral filter for ultrasound image segmentation. Journal of Medical Imaging, 2020, 7, 057003.	0.8	3
128	Area analysis of foveal avascular zone in diabetic retinopathy colour fundus images. International Journal of Medical Engineering and Informatics, 2011, 3, 84.	0.2	2
129	3D gaze tracking in real world environment using orthographic projection. AIP Conference Proceedings, 2016, , .	0.3	2
130	Mitigation methods of sawtooth modulations effect on FMCW radar INDERA MX-4. , 2017, , .		2
131	An evaluation of MP3 steganography based on modified LSB method. , 2017, , .		2
132	Automated ship detection with image enhancement and feature extraction in FMCW marine radars. , 2017, , .		2
133	Analysis of Retinal Fundus Images for Classification of Glaucoma. , 2018, , .		2
134	Estimation of Elbow Joint Angle Based on Electromyography Using the Sign-Slope Change Feature and Kalman Filtering. IOP Conference Series: Materials Science and Engineering, 2018, 384, 012014.	0.3	2
135	Artifact removal in radiological ultrasound images using selective and adaptive median filter. , 2019, , .		2
136	Plasmodium Candidate Detection on Thin Blood Smear Images with Luminance Noise Reduction. , 2019, , .		2
137	Enumeration of Plasmodium Parasites on Thin Blood Smear Digital Microscopic Images. , 2019, , .		2
138	Performance of Convolutional Neural Network in Detecting Plasmodium Parasites. , 2019, , .		2
139	A Study on Recent Developments for Detection of Neovascularization. , 2019, , .		2
140	Study of Power Transformer Noise Prediction. , 2020, , .		2
141	Rapid Assessment of Breast Cancer Malignancy Using Deep Neural Network. Lecture Notes in Electrical Engineering, 2021, , 639-649.	0.3	2
142	A Systematic Review on Automatic Detection of Plasmodium Parasite. International Journal of Engineering and Technology Innovation, 2021, 11, 103-121.	0.5	2
143	Comparison of multi-distance signal level difference Hjorth descriptor and its variations for lung sound classifications. Indonesian Journal of Electrical Engineering and Informatics, 2019, 7, .	0.3	2
144	Computer Aided Diagnosis using Margin and Posterior Acoustic Features for Breast Ultrasound Images. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 1776.	0.6	2

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145	Optic cup segmentation using adaptive threshold and morphological image processing. Communications in Science and Technology, 2019, 4, 63-67.	0.4	2
146	Automated segmentation of foveal avascular zone in digital colour retinal fundus images. International Journal of Biomedical Engineering and Technology, 2017, 23, 1.	0.2	2
147	Interference effect during word-task and colour-task in incongruent stroop-task. Communications in Science and Technology, 2017, 2, 47-52.	0.4	2
148	Leak detection optimisation on retina fluorescein angiography images using phase stretch transform for malaria retinopathy. Communications in Science and Technology, 2018, 3, 44-47.	0.4	2
149	Thyroid Nodules Stratification Based on Orientation Characteristics Using Machine Learning Approach. , 2020, , .		2
150	Complexity Based Multilevel Signal Analysis for Epileptic Seizure Detection. , 2020, , .		2
151	GGB Color Normalization and Faster-RCNN Techniques for Malaria Parasite Detection. , 2021, , .		2
152	Model-based retinal vasculature enhancement in digital fundus image using independent component analysis. , 2009, , .		1
153	The classification of fetus gender on ultrasound images using learning vector quantization (LVQ). , 2014, , .		1
154	Zemike moment feature extraction for classifying lesion's shape of breast ultrasound images. , 2015, , .		1
155	Detection of foveal avascular zone in colour retinal fundus images. , 2015, , .		1
156	Towards development of a computerised system for screening and monitoring of diabetic retinopathy. , 2017, , .		1
157	Upper Limb Elbow Joint Angle Estimation Based on Electromyography Using Artificial Neural Network. , 2018, , .		1
158	Performance Analysis of the Windowing Technique on Elbow Joint Angle Estimation Using Electromyography Signal. Journal of Physics: Conference Series, 2018, 1108, 012004.	0.3	1
159	Machine Learning Algorithms for Classifying Abscessed and Impacted Tooth: Comparison Study. , 2018, , .		1
160	Review of Optical Braille Recognition Using Camera for Image Acquisition. , 2018, , .		1
161	Thyroid Ultrasound Image Segmentation: A Review. , 2019, , .		1
162	Impact of Different Degree of Smoothing on Non-Local Means based Filter for Retinal Vessel Modeling. , 2019, , .		1

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163	Cancerous object detection using morphological region-based active contour in ultrasound images. Journal of Physics: Conference Series, 2020, 1444, 012011.	0.3	1
164	Classification of arrhythmia's ECG signal using cascade transparent classifier. Journal of Intelligent and Fuzzy Systems, 2022, 42, 1015-1025.	0.8	1
165	Convolutional Neural Network for Classifying Retinal Diseases from OCT2017 Dataset. , 2021, , .		1
166	Identification of plasmodium falciparum and plasmodium vivax on digital image of thin blood films gf. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 933.	0.7	1
167	Comparison of text-image fusion models for high school diploma certificate classification. Communications in Science and Technology, 2020, 5, 5-9.	0.4	1
168	Deep Learning for Analyzing Thyroid Nodule Malignancy Based on the Composition Characteristic of the Ultrasonography Images. , 2020, , .		1
169	Measurement and Classification Retinal Blood Vessel Tortuosity in Digital Fundus Images. , 2020, , .		1
170	An Automated Detection and Segmentation of Thyroid Nodules using Res-UNet. , 2021, , .		1
171	Increasing Performance of Plasmodium Detection Using Bottom-Hat and Adaptive Thresholding. , 2021, , .		1
172	Data fusion and switching function for MAV navigation system. , 2014, , .		0
173	A comparative study on signature recognition. , 2014, , .		0
174	Smart automation for credit point compilation of instructor. , 2014, , .		0
175	Welcome message from the general chair. , 2014, , .		0
176	The stand meter extraction of kWh-meter. , 2015, , .		0
177	Relevant Features for Classification of Digital Mammogram Images. Lecture Notes in Electrical Engineering, 2016, , 115-122.	0.3	0
178	Estimating 3D gaze in physical environment: a geometric approach on consumer-level remote eye tracker. , 2017, , .		0
179	Modified image segmentation using sectional thresholding for passport-type image. , 2017, , .		0
180	Analysis of Texture-based Features for Image Classification of Retinal Exudates. , 2017, , .		0

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181	Analysis of the Indonesian vowel /e/ for lip synchronization animation. , 2017, , .		0
182	Toward Cancer Antiangiogenic Therapy: A Strategy for Determining Optimal Inhibitor Dose Level Based on Mathematical Model. , 2018, , .		0
183	Analysis of texture for classification of breast cancer on mammogram images. International Journal of Medical Engineering and Informatics, 2018, 10, 382.	0.2	0
184	Time Delay Neural Network to Estimate the Elbow Joint Angle Based on Electromyography. , 2018, , .		0
185	Fractality evaluation for pulmonary crackle sound using the Degree of Self-Similarity. MATEC Web of Conferences, 2018, 154, 01038.	0.1	0
186	Certainty Factor Based Pruning for C4.5 Algorithm. , 2019, , .		0
187	Classification of Palm Gesture Pattern by Using Statistical Features. , 2019, , .		0
188	Adaptive Localization and Segmentation of Optic Disc using K-means and Active Contour. , 2019, , .		0
189	Autocorrection of lung boundary on 3D CT lung cancer images. Journal of King Saud University - Computer and Information Sciences, 2021, 33, 518-527.	2.7	0
190	Plasmodium Parasite Detection Using Combination of Image Processing and Deep Learning Approach. Lecture Notes in Electrical Engineering, 2021, , 627-637.	0.3	0
191	Wrapper Subset Feature Selection for Optimal Feature Selection in Epileptic Seizure Signal Classification. Lecture Notes in Electrical Engineering, 2021, , 567-577.	0.3	0
192	Improving Multi-Class Motor Imagery EEG Signals Classification Using Ensemble Learning Method. , 2021, , .		0
193	Breast cancer diagnosis improvement using feature selection. , 2014, , .		0
194	Psychological contract violation and its impact on job satisfaction level: A study on subordinate employees in enterprises of Hanoi, Vietnam. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
195	Automated web service SLA negotiation using multiagent system. , 2014, , .		0
196	Texture feature extraction for the lung lesion density classification on computed tomography scan image. Communications in Science and Technology, 2016, 1, .	0.4	0
197	Comparative Study on Mammogram Image Enhancement Methods According to the Determinant of Radiography Image Quality. Lecture Notes in Electrical Engineering, 2016, , 65-73.	0.3	0
198	Texture Analysis for Skin Classification in Pornography Content Filtering Based on Support Vector Machine. Journal of Engineering and Technological Sciences, 2016, 48, 584-596.	0.3	0

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199	Ground glass opacity lesion morphology extraction in primary lung cancer. International Journal of Medical Engineering and Informatics, 2017, 9, 398.	0.2	0
200	A robust automated system for detecting and recognising the digit of electrical energy consumption number of the postpaid kWh-meter. Communications in Science and Technology, 2017, 2, 64-69.	0.4	0
201	Detection of malaria parasites in thick blood smear: A review. Communications in Science and Technology, 2018, 3, 27-35.	0.4	0
202	Robust Features for Elbow Joint Angle Estimation Based on Electromyography. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1956-1961.	0.2	0
203	Feature analysis for stage identification of Plasmodium vivax based on digital microscopic image. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 721.	0.7	0
204	Shape analysis for classification of breast nodules on digital ultrasound images. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 837.	0.7	0
205	Dark lesion elimination based on area, eccentricity and extent features for supporting haemorrhages detection. Communications in Science and Technology, 2019, 4, 7-14.	0.4	0
206	Twin Rotor MIMO System Control using Linear Quadratic Regulator with Simechanics. , 2021, , .		0
207	Global Threshold Using Otsu and Active Contour for Detection of Malaria Parasites in Thick Blood Smear. BIO Web of Conferences, 2021, 41, 04002.	0.1	0
208	Implementing Term Frequency-Inverse Term Frequency at Tweets in Indonesian Fraud Crime Cases. , 2020, , .		0
209	Analysis of Retinal Nerve Fiber Layer for Classification of Glaucoma. , 2021, , .		0
210	Impact of Implementing Data Balancing Method in Intelligent Thyroid Cancer Detection. , 2021, , .		0
211	The Study of Multivariable Autoregression Methods to Forecast Infectious Diseases. , 2021, , .		0
212	Intelligent Diabetic Retinopathy Detection using Deep Learning. , 2021, , .		0
213	Thyroid Cancer Classification using Transfer Learning. , 2021, , .		0