

Risanuri Hidayat

List of Publications by Year in descending order

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99
papers

573
citations

1307594

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1372567

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99
all docs

99
docs citations

99
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Smartphone-based Pedestrian Dead Reckoning as an indoor positioning system. , 2012, , .		103
2	Improvement of MFCC feature extraction accuracy using PCA in Indonesian speech recognition. , 2018, , .		54
3	Denoising Speech for MFCC Feature Extraction Using Wavelet Transformation in Speech Recognition System. , 2018, , .		27
4	Increasing the security of mp3 steganography using AES Encryption and MD5 hash function. , 2016, , .		23
5	A review paper on attendance marking system based on face recognition. , 2017, , .		21
6	Signal Domain in Respiratory Sound Analysis: Methods, Application and Future Development. Journal of Computer Science, 2015, 11, 1005-1016.	0.6	18
7	Determining lung sound characterization using Hjorth descriptor. , 2015, , .		18
8	Entropy measurement as features extraction in automatic lung sound classification. , 2017, , .		17
9	Feature Data Reduction of MFCC Using PCA and SVD in Speech Recognition System. , 2018, , .		16
10	Performance comparison of intrusion detection system based anomaly detection using artificial neural network and support vector machine. AIP Conference Proceedings, 2016, , .	0.4	15
11	Channel estimation in MIMO-OFDM spatial multiplexing using Least Square method. , 2011, , .		13
12	Lung Sound Classification Using Empirical Mode Decomposition and the Hjorth Descriptor. American Journal of Applied Sciences, 2017, 14, 166-173.	0.2	13
13	Pulmonary crackle feature extraction using tsallis entropy for automatic lung sound classification. , 2016, , .		12
14	Multiscale Hjorth descriptor for lung sound classification. AIP Conference Proceedings, 2016, , .	0.4	11
15	MFCC Feature Extraction and KNN Classification in ECG Signals. , 2019, , .		11
16	OTA-based high frequency CMOS multiplier and squaring circuit. , 2009, , .		10
17	Inertial Navigation for Quadrotor Using Kalman Filter with Drift Compensation. International Journal of Electrical and Computer Engineering, 2017, 7, 2596.	0.7	10
18	Lung sounds classification using spectrogram's first order statistics features. , 2016, , .		9

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19	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
20	Wavelet based feature extraction for the vowel sound. , 2015, , .		8
21	Heart sound feature extraction and classification using autoregressive power spectral density (AR-PSD) and statistics features. AIP Conference Proceedings, 2016, , .	0.4	7
22	Multilevel wavelet packet entropy: A new strategy for lung sound feature extraction based on wavelet entropy. , 2017, , .		7
23	Improvement of Character Segmentation for Indonesian License Plate Recognition Algorithm using CNN. , 2019, , .		6
24	Spectrum Sensing Using Adaptive Threshold Based Energy Detection in Cognitive Radio System. , 2021, , .		6
25	Feature extraction of the Indonesian phonemes using discrete wavelet and wavelet packet transform. , 2016, , .		5
26	Feature extraction and classification of the Indonesian syllables using Discrete Wavelet Transform and statistical features. , 2016, , .		5
27	Fractal Dimension for Lung Sound Classification in Multiscale Scheme. Journal of Computer Science, 2018, 14, 1081-1096.	0.6	5
28	LACP Experiment using Multiple Flow Table in Ryu SDN Controller. , 2019, , .		5
29	Compressive Joint Angular and Frequency Spectrum Sensing Based on MUSIC Spectrum Reconstruction. Wireless Personal Communications, 2020, 111, 513-540.	2.7	5
30	Ultrasound object detection using morphological region-based active contour: an application system. International Journal of Innovation and Learning, 2021, 29, 412.	0.4	5
31	Feasible solution of centralized power control for multi channel cognitive femtocell network. , 2015, , .		4
32	An Experimental Study of Conducted EMI Mitigation on the LED Driver using Spread Spectrum Technique. International Journal of Electronics and Telecommunications, 2016, 62, 293-299.	0.6	4
33	Modification of Grey Level Difference Matrix (GLDM) for Lung Sound Classification. , 2018, , .		4
34	A Combination of Query Expansion Ranking and GA-SVM for Improving Indonesian Sentiment Classification Performance. Procedia Computer Science, 2021, 189, 108-115.	2.0	4
35	Multiresolution Modified Grey Level Difference for Respiratory Sound Classification. Advanced Science Letters, 2017, 23, 3869-3873.	0.2	4
36	3-D MUSIC Spectrum Reconstruction for Joint Azimuth-Elevation-Frequency Band Estimation. , 2020, , .		4

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37	Comparison of Windowing Function on Feature Extraction Using MFCC for Speaker Identification. , 2021, , .		4
38	A 0.18 Åm CMOS Gaussian Monocycle Pulse Circuit Design for UWB. , 2006, , .		3
39	Two dimensional angle of arrival estimation using minimum sparse ruler based rectangular array of antennas. , 2017, , .		3
40	Classification of the syllables sound using wavelet, Renyi entropy and AR-PSD features. , 2017, , .		3
41	Filterbank Analysis of MFCC Feature Extraction in Robust Children Speech Recognition. , 2019, , .		3
42	Simulation of Signal Processing for Ship Detection on Two Overlapping HF Radars with FMCW Waveforms. , 2020, , .		3
43	Multiscale tsallis entropy for pulmonary crackle detection. International Journal of Advances in Intelligent Informatics, 2018, 4, 192.	1.2	3
44	Comparison of Multiscale Entropy for Lung Sound Classification. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 984.	0.8	3
45	Joint DoA and Frequency Band Estimation Based on MUSIC for Unknown Number of Sources. , 2020, , .		3
46	Weld Defect Classification in Radiographic Film Using Statistical Texture and Support Vector Machine. Advanced Materials Research, 0, 896, 695-700.	0.3	2
47	An epileptic signal preictal ictal using PCA, KMEANS and K nearest neighbors. , 2015, , .		2
48	Comparison of vowel feature extraction on time and frequency domain. , 2017, , .		2
49	An evaluation of MP3 steganography based on modified LSB method. , 2017, , .		2
50	A Routing Optimization Based on Cross-Layer Design for Wireless Multimedia Sensor Networks (WMSNs). Journal of Computer Science, 2017, 13, 572-580.	0.6	2
51	Comparison of Three Auditory Frequency Scales in Feature Extraction on Myanmar Digits Recognition. , 2018, , .		2
52	Regression Analysis for Estimated Distance in Fingerprinting-Based WLAN Outdoor Localization System. , 2018, , .		2
53	River body extraction and classification using enhanced models of modified normalized water difference index at Yeh Unda River Bali. , 2018, , .		2
54	Artifact removal in radiological ultrasound images using selective and adaptive median filter. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
55	Compressive Wideband Frequency Spectrum Sensing Based on MUSIC. , 2019, , .		2
56	Fingerprint Enhancement using Iterative Contextual Filtering for Fingerprint Matching. , 2021, , .		2
57	A Routing Optimization Based on Ant Colony for Wireless Multimedia Sensor Networks (WMSNs). International Journal of Intelligent Engineering and Systems, 2016, 9, 179-184.	0.6	2
58	Identifikasi Pengaruh Lintasan-Jamak pada DVB-T2 Berdasar Uji Penerimaan Siaran. Jurnal Nasional Teknik Elektro Dan Teknologi Informasi, 2016, 5, .	0.1	2
59	CNR and BER Ranges for the DVB-T2 Reception-Success. International Journal of Electrical and Computer Engineering, 2017, 7, 3727.	0.7	2
60	Wavelet Based Feature Extraction for The Indonesian CV Syllables Sound. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 925.	0.8	2
61	IR-UWB Pulse Position Modulation and Pulse Shape Modulation Through S-V Channel Model. , 2010, , .		1
62	Performance analysis of MB-OFDM UWB modulation through modified Saleh-Valenzuela channel model. , 2011, , .		1
63	Doppler circular array antenna principle for determining azimuth angle of radio transmitter. , 2011, , .		1
64	Performance testing of PDR using common sensors on a smartphone. , 2013, , .		1
65	Cross-layer design of wireless multimedia sensor network based on IEEE 802.11e EDCA and H.264/SVC. , 2015, , .		1
66	Effect of characteristic signal disturbance to mitigate conducted EMI towards LED luminance. , 2016, , .		1
67	A comparative study on centralized and distributed power control in cognitive femtocell network. , 2016, , .		1
68	An improvement of minutiae-based fingerprint matching: Two Level of Scoring System. , 2016, , .		1
69	Distributed power control vs power control game: A comparison study of performance in cognitive femtocell network. , 2017, , .		1
70	Feature Selection using Singular Value Decomposition for Stop Consonant Classification. , 2018, , .		1
71	Fingerprint image reconstruction for swipe sensor using Predictive Overlap Method. MATEC Web of Conferences, 2018, 154, 01042.	0.2	1
72	Syllables sound signal classification using multi-layer perceptron in varying number of hidden-layer and hidden-neuron. MATEC Web of Conferences, 2018, 154, 03015.	0.2	1

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73	Feature Extraction of ECG Signals using Discrete Wavelet Transform and MFCC. , 2019, , .		1
74	Study on Detection Mechanism of HF Radar for Early Tsunami Detection and Comparison to Other Tsunami Sensors. , 2019, , .		1
75	Using Double-Density Dual Tree Wavelet Transform into MFCC for Noisy Speech Recognition. , 2020, , .		1
76	Developing Machine Learning Framework to Classify Harmonized System Code. Case Study: Indonesian Customs. , 2021, , .		1
77	Switch Control Scheme to Mitigate Conducted Electromagnetic Interference Emission in Light Emitting Diode Driver. Advanced Science Letters, 2015, 21, 3261-3265.	0.2	1
78	A GHz Simple CMOS Squarer Circuit. , 2008, , .		0
79	A QoS framework to improve user satisfaction for accessing Internet in low quality connection. , 2011, , .		0
80	Preliminary study: Non cooperative power control game model for cognitive femtocell network. , 2014, , .		0
81	An epileptic attack detection based on the principle components analysis(PCA). , 2015, , .		0
82	Cross-layer design for video transmission in wireless multimedia sensor networks. , 2016, , .		0
83	Probabilistic-relationships in the DVB-T2 mobile-reception signal received from a fix-reception mode broadcasting service. , 2016, , .		0
84	Spatial-variation of DVB-T2 signal at the receiver-location. , 2016, , .		0
85	Picture-Based Multiple-AntennaTechnique for the DVB-T2 Receiver. International Journal of Electronics and Telecommunications, 2017, 63, 261-267.	0.6	0
86	Classification of epileptic and non epileptic EEG events by feature selection LSE BPNN. , 2017, , .		0
87	Analysis of the Indonesian vowel /e/ for lip synchronization animation. , 2017, , .		0
88	Fractality evaluation for pulmonary crackle sound using the Degree of Self-Similarity. MATEC Web of Conferences, 2018, 154, 01038.	0.2	0
89	Simulation of High Frequency Surface Wave Radar Signal and Its Scattering from Ocean Surface. , 2019, , .		0
90	Hybrid automatic speech recognition model for speech-to-text application in smartphones. , 2019, , .		0

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91	Vowel Sound Analysis in the Indonesian Language using Multilevel Wavelet Entropy. , 2019, , .		0
92	The Effects of Spread-Spectrum Techniques in Mitigating Conducted EMI to LED Luminance. International Journal of Electrical and Computer Engineering, 2016, 6, 1332.	0.7	0
93	Feasibility of Power Control for Multi-Channel User in Inter-Femtocell Network. International Journal of Electrical and Computer Engineering, 2016, 6, 1685.	0.7	0
94	Energy-Efficient Routing Based on Dynamic Programming for Wireless Multimedia Sensor Networks (WMSNs). International Journal of Electronics and Telecommunications, 2017, 63, 279-283.	0.6	0
95	Speech Recognition for Cleft Lip and Palate Voice and Standard Voice for Consonant Words /B/. Conference SENATIK STT Adisutjipto Yogyakarta, 0, 5, .	0.0	0
96	Speaker Recognition Using Mel Frequency Cepstral Coefficient and Self-Organising Fuzzy Logic. , 2020, , .		0
97	Single Snapshot-Spatial Compressive Beamforming for Azimuth Estimation and Backscatter Reconstruction. , 2020, , .		0
98	Analysis of Amplitude Threshold on Speech Recognition System. , 2020, , .		0
99	Sequential-Compressive-Range Azimuth Estimation in Radar Signal Processing. , 2021, , .		0