Risanuri Hidayat

List of Publications by Year
in descending order

99 papers	573 citations	1307594 7 h-index

1372567 10 g-index

99 all docs	99 docs citations	99 times ranked	394 citing authors

#	Article	IF	Citations
1	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
2	Developing Machine Learning Framework to Classify Harmonized System Code. Case Study: Indonesian Customs. , 2021, , .		1
3	Fingerprint Enhancement using Iterative Contextual Filtering for Fingerprint Matching. , 2021, , .		2
4	Ultrasound object detection using morphological region-based active contour: an application system. International Journal of Innovation and Learning, 2021, 29, 412.	0.4	5
5	Sequential-Compressive-Range Azimuth Estimation in Radar Signal Processing. , 2021, , .		0
6	Spectrum Sensing Using Adaptive Threshold Based Energy Detection in Cognitive Radio System. , 2021, , .		6
7	Comparison of Windowing Function on Feature Extraction Using MFCC for Speaker Identification. , 2021, , .		4
8	Compressive Joint Angular and Frequency Spectrum Sensing Based on MUSIC Spectrum Reconstruction. Wireless Personal Communications, 2020, 111, 513-540.	2.7	5
9	Using Double-Density Dual Tree Wavelet Transform into MFCC for Noisy Speech Recognition. , 2020, , .		1
10	Simulation of Signal Processing for Ship Detection on Two Overlapping HF Radars with FMCW Waveforms. , 2020, , .		3
11	Speaker Recognition Using Mel Frequency Cepstral Coefficient and Self-Organising Fuzzy Logic. , 2020, , .		0
12	Single Snapshot-Spatial Compressive Beamforming for Azimuth Estimation and Backscatter Reconstruction. , 2020, , .		0
13	Analysis of Amplitude Threshold on Speech Recognition System. , 2020, , .		0
14	Joint DoA and Frequency Band Estimation Based on MUSIC for Unknown Number of Sources. , 2020, , .		3
15	3-D MUSIC Spectrum Reconstruction for Joint Azimuth-Elevation-Frequency Band Estimation. , 2020, , .		4
16	Artifact removal in radiological ultrasound images using selective and adaptive median filter. , 2019, , .		2
17	Compressive Wideband Frequency Spectrum Sensing Based on MUSIC. , 2019, , .		2
18	Simulation of High Frequency Surface Wave Radar Signal and Its Scattering from Ocean Surface. , 2019, , .		0

#	Article	IF	Citations
19	Improvement of Character Segmentation for Indonesian License Plate Recognition Algorithm using CNN. , 2019, , .		6
20	LACP Experiment using Multiple Flow Table in Ryu SDN Controller. , 2019, , .		5
21	Filterbank Analysis of MFCC Feature Extraction in Robust Children Speech Recognition. , 2019, , .		3
22	Hybrid automatic speech recognition model for speech-to-text application in smartphones. , 2019, , .		0
23	Feature Extraction of ECG Signals using Discrete Wavelet Transform and MFCC. , 2019, , .		1
24	Vowel Sound Analysis in the Indonesian Language using Multilevel Wavelet Entropy. , 2019, , .		0
25	Study on Detection Mechanism of HF Radar for Early Tsunami Detection and Comparison to Other Tsunami Sensors. , 2019, , .		1
26	MFCC Feature Extraction and KNN Classification in ECG Signals. , 2019, , .		11
27	Modification of Grey Level Difference Matrix (GLDM) for Lung Sound Classification. , 2018, , .		4
28	Feature Selection using Singular Value Decomposition for Stop Consonant Classification. , 2018, , .		1
29	Comparison of Three Auditory Frequency Scales in Feature Extraction on Myanmar Digits Recognition. , 2018, , .		2
30	Regression Analysis for Estimated Distance in Fingerprinting-Based WLAN Outdoor Localization System. , 2018, , .		2
31	Denoising Speech for MFCC Feature Extraction Using Wavelet Transformation in Speech Recognition System. , 2018, , .		27
32	Feature Data Reduction of MFCC Using PCA and SVD in Speech Recognition System. , 2018, , .		16
33	Fingerprint image reconstruction for swipe sensor using Predictive Overlap Method. MATEC Web of Conferences, 2018, 154, 01042.	0.2	1
34	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
35	Fractal Dimension for Lung Sound Classification in Multiscale Scheme. Journal of Computer Science, 2018, 14, 1081-1096.	0.6	5
36	River body extraction and classification using enhanced models of modified normalized water difference index at Yeh Unda River Bali. , 2018, , .		2

#	Article	IF	Citations
37	Fractality evaluation for pulmonary crackle sound using the Degree of Self-Similarity. MATEC Web of Conferences, 2018, 154, 01038.	0.2	0
38	Improvement of MFCC feature extraction accuracy using PCA in Indonesian speech recognition. , 2018, , .		54
39	Wavelet Based Feature Extraction for The Indonesian CV Syllables Sound. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 925.	0.8	2
40	Multiscale tsallis entropy for pulmonary crackle detection. International Journal of Advances in Intelligent Informatics, 2018, 4, 192.	1.2	3
41	Comparison of Multiscale Entropy for Lung Sound Classification. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 984.	0.8	3
42	Distributed power control vs power control game: A comparison study of performance in cognitive femtocell network. , 2017, , .		1
43	A review paper on attendance marking system based on face recognition. , 2017, , .		21
44	Two dimensional angle of arrival estimation using minimum sparse ruler based rectangular array of antennas. , 2017, , .		3
45	Entropy measurement as features extraction in automatic lung sound classification. , 2017, , .		17
46	Classification of the syllables sound using wavelet, Renyi entropy and AR-PSD features. , 2017, , .		3
47	Comparison of vowel feature extraction on time and frequency domain. , 2017, , .		2
48	Multilevel wavelet packet entropy: A new strategy for lung sound feature extraction based on wavelet entropy. , 2017, , .		7
49	Picture-Based Multiple-AntennaTechnique for the DVB-T2 Receiver. International Journal of Electronics and Telecommunications, 2017, 63, 261-267.	0.6	0
50	An evaluation of MP3 steganography based on modified LSB method. , 2017, , .		2
51	Classification of epileptic and non epileptic EEG events by feature selection LSE BPNN. , 2017, , .		0
52	Analysis of the Indonesian vowel /e/ for lip synchronization animation. , 2017, , .		0
53	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
54	Lung Sound Classification Using Empirical Mode Decomposition and the Hjorth Descriptor. American Journal of Applied Sciences, 2017, 14, 166-173.	0.2	13

#	Article	IF	Citations
55	Inertial Navigation for Quadrotor Using Kalman Filter with Drift Compensation. International Journal of Electrical and Computer Engineering, 2017, 7, 2596.	0.7	10
56	Multiresolution Modified Grey Level Difference for Respiratory Sound Classification. Advanced Science Letters, 2017, 23, 3869-3873.	0.2	4
57	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
58	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
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	Effect of characteristic signal disturbance to mitigate conducted EMI towards LED luminance. , 2016, , .		1
61	A comparative study on centralized and distributed power control in cognitive femtocell network. , 2016, , .		1
62	Feature extraction of the Indonesian phonemes using discrete wavelet and wavelet packet transform. , 2016, , .		5
63	Cross-layer design for video transmission in wireless multimedia sensor networks. , 2016, , .		0
64	Probabilistic-relationships in the DVB-T2 mobile-reception signal received from a fix-reception mode broadcasting service. , 2016, , .		0
65	Spatial-variation of DVB-T2 signal at the receiver-location. , 2016, , .		0
66	Heart sound feature extraction and classification using autoregressive power spectral density (AR-PSD) and statistics features. AIP Conference Proceedings, 2016, , .	0.4	7
67	Feature extraction and classification of the Indonesian syllables using Discrete Wavelet Transform and statistical features. , 2016, , .		5
68	Increasing the security of mp3 steganography using AES Encryption and MD5 hash function. , 2016, , .		23
69	Pulmonary crackle feature extraction using tsallis entropy for automatic lung sound classification. , 2016, , .		12
70	An improvement of minutiae-based fingerprint matching: Two Level of Scoring System. , 2016, , .		1
71	Lung sounds classification using spectrogram's first order statistics features. , 2016, , .		9
72	Performance comparison of intrusion detection system based anomaly detection using artificial neural network and support vector machine. AIP Conference Proceedings, 2016, , .	0.4	15

#	Article	IF	Citations
73	An Experimental Study of Conducted EMI Mitigation on the LED Driver using Spread Spectrum Technique. International Journal of Electronics and Telecomunications, 2016, 62, 293-299.	0.6	4
74	Multiscale Hjorth descriptor for lung sound classification. AIP Conference Proceedings, 2016, , .	0.4	11
75	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
76	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
77	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
78	Identifikasi Pengaruh Lintasan-Jamak pada DVB-T2 Berdasar Uji Penerimaan Siaran. Jurnal Nasional Teknik Elektro Dan Teknologi Informasi, 2016, 5, .	0.1	2
79	An epileptic signal preictal ictal using PCA, KMEANS and K nearest neighbors. , 2015, , .		2
80	Wavelet based feature extraction for the vowel sound. , 2015, , .		8
81	Signal Domain in Respiratory Sound Analysis: Methods, Application and Future Development. Journal of Computer Science, 2015, 11, 1005-1016.	0.6	18
82	Feasible solution of centralized power control for multi channel cognitive femtocell network. , 2015, , .		4
83	An epileptic attack detection based on the princple components analysis(PCA). , 2015, , .		0
84	Cross-layer design of wireless multimedia sensor network based on IEEE 802.11e EDCA and H.264/SVC. , 2015, , .		1
85	Determining lung sound characterization using Hjorth descriptor. , 2015, , .		18
86	Switch Control Scheme to Mitigate Conducted Electromagnetic Interference Emission in Light Emitting Diode Driver. Advanced Science Letters, 2015, 21, 3261-3265.	0.2	1
87	Preliminary study: Non cooperative power control game model for cognitive femtocell network. , 2014, , .		0
88	Performance testing of PDR using common sensors on a smartphone. , 2013, , .		1
89	Smartphone-based Pedestrian Dead Reckoning as an indoor positioning system. , 2012, , .		103
90	A QoS framework to improve user satisfaction for accessing Internet in low quality connection. , 2011, , .		0

#	Article	IF	Citations
91	Performance analysis of MB-OFDM UWB modulation through modified Saleh-Valenzuela channel model. , 2011, , .		1
92	Doppler circular array antenna principle for determining azimuth angle of radio transmitter. , 2011, , .		1
93	Channel estimation in MIMO-OFDM spatial multiplexing using Least Square method. , 2011, , .		13
94	IR-UWB Pulse Position Modulation and Pulse Shape Modulation Through S-V Channel Model. , 2010, , .		1
95	OTA-based high frequency CMOS multiplier and squaring circuit. , 2009, , .		10
96	A GHz Simple CMOS Squarer Circuit. , 2008, , .		0
97	A 0.18 Â¿m CMOS Gaussian Monocycle Pulse Circuit Design for UWB. , 2006, , .		3
98	Weld Defect Classification in Radiographic Film Using Statistical Texture and Support Vector Machine. Advanced Materials Research, 0, 896, 695-700.	0.3	2
99	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