

# Sazali Bin Yaacob

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7077047/publications.pdf>

Version: 2024-02-01

48  
papers

401  
citations

2258059

3  
h-index

1872680

6  
g-index

48  
all docs

48  
docs citations

48  
times ranked

289  
citing authors

#	ARTICLE	IF	CITATIONS
1	MFCC based recognition of repetitions and prolongations in stuttered speech using k-NN and LDA. , 2009, , .		48
2	Automatic classification of infant cry: A review. , 2012, , .		37
3	Automatic detection of prolongations and repetitions using LPCC. , 2009, , .		34
4	A real time marking inspection scheme for semiconductor industries. International Journal of Advanced Manufacturing Technology, 2007, 34, 926-932.	3.0	30
5	Electrocardiogram-based emotion recognition system using empirical mode decomposition and discrete Fourier transform. Expert Systems, 2014, 31, 110-120.	4.5	30
6	Extraction of head and hand gesture features for recognition of sign language. , 2008, , .		27
7	Malaysian English accents identification using LPC and formant analysis. , 2011, , .		20
8	A new feature constituting approach to detection of vocal fold pathology. International Journal of Systems Science, 2014, 45, 1622-1634.	5.5	16
9	Speech stuttering assessment using sample entropy and Least Square Support Vector Machine. , 2012, , .		14
10	Performance comparison of Daubechies wavelet family in infant cry classification. , 2012, , .		13
11	Mental tasks classifications using S-transform for BCI applications. , 2011, , .		11
12	Human emotional stress assessment through Heart Rate Detection in a customized protocol experiment. , 2012, , .		11
13	Object Localization using Stereo Sensors for Adept SCARA Robot. , 2006, , .		8
14	Gesture recognition system for Kod Tangan Bahasa Melayu (KTBM) using neural network. , 2009, , .		7
15	Multistyle classification of speech under stress using wavelet packet energy and entropy features. , 2011, , .		7
16	Classification of speaker accent using hybrid DWT-LPC features and K-nearest neighbors in ethnically diverse Malaysian English. , 2012, , .		7
17	Emotion Detection from QRS Complex of ECG Signals Using Hurst Exponent for Different Age Groups. , 2013, , .		7
18	Classification of vowel sounds using MFCC and feed forward Neural Network. , 2009, , .		6

#	ARTICLE	IF	CITATIONS
19	Discrimination of vision impairments using single trial VEPs. , 2011, , .		5
20	Applications of visually evoked potentials in ocular diseases: A guided tour. , 2011, , .		5
21	Circuit architectures reviews for portable ECG signal analyzer. , 2014, , .		5
22	EEG based Intelligent robot chair with communication aid using statistical cross correlation based features. , 2014, , .		5
23	Stereo image to stereo sound methods for Vision based ETA. , 2005, , .		4
24	Diagnosis of vocal fold pathology using time-domain features and systole activated neural network. , 2009, , .		4
25	Detection of facial changes for hospital ICU patients using neural network. , 2010, , .		4
26	Finite Element modelling of Pneumatic Artificial Muscle. , 2005, , .		3
27	Feature space reduction in ethnically diverse Malaysian English accents classification. , 2013, , .		3
28	Statistical formant descriptors with linear predictive coefficients for accent classification. , 2013, , .		3
29	Classification of interior noise comfort level of proton model cars using artificial neural network. , 2013, , .		3
30	Facial-paralysis diagnostic system based on 3D reconstruction. AIP Conference Proceedings, 2015, , .	0.4	3
31	Motorbike engine faults diagnosing system using neural network. , 2008, , .		2
32	Classification of vehicle noise comfort level using Probabilistic neural network. , 2011, , .		2
33	Assimilate the auditory scale with wavelet packet filters for multistyle classification of speech under stress. , 2012, , .		2
34	Speaker accent recognition through statistical descriptors of Mel-bands spectral energy and neural network model. , 2012, , .		2
35	Analysis of the residual between the model and the data using autocorrelation function for satellite attitude estimation. , 2013, , .		2
36	Prediction of body mass index using speech signals: A review. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
37	Loudspeaker fault detection using Artificial Neural Network. , 2008, , .		1
38	Loudspeaker fault detection using artificial neural network. , 2009, , .		1
39	Voiceless voice: An intelligent communication system for physically retarded communities. , 2010, , .		1
40	Auditory wavelet packet filters for multistyle classification of Speech Under Stress. , 2011, , .		1
41	Objective analysis of vision impairments using single trial VEPs. , 2012, , .		1
42	Application of frame energy based DCT moments for the damage diagnosis in steel plates using FLNN. , 2012, , .		1
43	Statistical cross-correlation band features based thought controlled communication system. AI Communications, 2016, 29, 497-511.	1.2	1
44	Thought controlled IRCC using cross-correlation of different frequency band sequence. , 2016, , .		1
45	Classification of thought evoked potentials for navigation and communication using multilayer neural network. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2021, 44, 53-63.	1.1	1
46	Wavelet based approach for the investigation of vision impairments using single trial VEPs. , 2012, , .		0
47	Steel plate damage diagnosis using Probabilistic Neural Network. , 2013, , .		0
48	Updated model of RazakSAT's attitude during sun tracking mode using time series. AIP Conference Proceedings, 2015, , .	0.4	0