

# O Farooq

## List of Publications by Year in descending order

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Version: 2024-02-01

125  
papers

1,419  
citations

430442

18  
h-index

476904

29  
g-index

127  
all docs

127  
docs citations

127  
times ranked

1137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mel filter-like admissible wavelet packet structure for speech recognition. IEEE Signal Processing Letters, 2001, 8, 196-198.	2.1	145
2	A Wavelet-Statistical Features Approach for Nonconvulsive Seizure Detection. Clinical EEG and Neuroscience, 2014, 45, 274-284.	0.9	79
3	Automated seizure detection in scalp EEG using multiple wavelet scales. , 2012, , .		74
4	Automatic Seizure Detection Based on Morphological Features Using One-Dimensional Local Binary Pattern on Long-Term EEG. Clinical EEG and Neuroscience, 2018, 49, 351-362.	0.9	67
5	Feature extraction and classification of EEG for automatic seizure detection. , 2011, , .		56
6	A hybrid Local Binary Pattern and wavelets based approach for EEG classification for diagnosing epilepsy. Expert Systems With Applications, 2020, 140, 112895.	4.4	51
7	Detection of Seizure Event and Its Onset/Offset Using Orthonormal Triadic Wavelet Based Features. Irbm, 2019, 40, 103-112.	3.7	46
8	Digital Watermarking of ECG Data for Secure Wireless Communication. , 2010, , .		39
9	Selection of Features and Classifiers for EMG-EEG-Based Upper Limb Assistive Devicesâ€™ A Review. IEEE Reviews in Biomedical Engineering, 2020, 13, 248-260.	13.1	38
10	Improving the information environment for analysts. Journal of Intellectual Capital, 2014, 15, 142-156.	3.1	36
11	Phoneme recognition using wavelet based features. Information Sciences, 2003, 150, 5-15.	4.0	35
12	Seizure prediction using statistical dispersion measures of intracranial EEG. Biomedical Signal Processing and Control, 2014, 10, 338-341.	3.5	34
13	Wavelet based robust sub-band features for phoneme recognition. IET Computer Vision, 2004, 151, 187.	1.3	31
14	Earnings management behaviour of Shariah-compliant firms and non-Shariah-compliant firms. Journal of Islamic Accounting and Business Research, 2015, 6, 173-188.	1.1	30
15	WAVELET SUB-BAND BASED TEMPORAL FEATURES FOR ROBUST HINDI PHONEME RECOGNITION. International Journal of Wavelets, Multiresolution and Information Processing, 2010, 08, 847-859.	0.9	29
16	Hybrid wavelet based LPC features for Hindi speech recognition. International Journal of Information and Communication Technology, 2008, 1, 373.	0.1	28
17	Blind self-authentication of images for robust watermarking using integer wavelet transform. AEU - International Journal of Electronics and Communications, 2009, 63, 703-707.	1.7	28
18	Performance of shariah-compliant firms and non-shariah-compliant firms in the MENA region. Journal of Islamic Accounting and Business Research, 2016, 7, 268-281.	1.1	26

#	ARTICLE	IF	CITATIONS
19	Patient-Specific Epileptic Seizure Prediction in Long-Term Scalp EEG Signal Using Multivariate Statistical Process Control. <i>Irbm</i> , 2019, 40, 320-331.	3.7	25
20	Wavelet-based denoising for robust feature extraction for speech recognition. <i>Electronics Letters</i> , 2003, 39, 163.	0.5	23
21	Autoregressive features based classification for seizure detection using neural network in scalp Electroencephalogram. <i>International Journal of Biomedical Engineering and Technology</i> , 2009, 2, 370.	0.2	22
22	Continuous hindi speech recognition model based on Kaldi ASR toolkit. , 2017, , .		21
23	Chaos based PN sequence generator for cryptographic applications. , 2011, , .		17
24	Imprinted Braille-character pattern recognition using image processing techniques. , 2011, , .		15
25	Wrist pulse signal classification for health diagnosis. , 2011, , .		15
26	Discriminant Analysis for Epileptic Seizure Detection. , 2011, , .		15
27	Secure Satellite Images Transmission Scheme Based on Chaos and Discrete Wavelet Transform. <i>Communications in Computer and Information Science</i> , 2011, , 257-264.	0.4	15
28	Wavelet-based multi-class discrimination of EEG for seizure detection. <i>International Journal of Biomedical Engineering and Technology</i> , 2015, 19, 266.	0.2	15
29	Comparative Study of Visual Feature for Bimodal Hindi Speech Recognition. <i>Archives of Acoustics</i> , 2015, 40, 609-619.	0.9	15
30	Vowel classification using wavelet decomposition during speech imagery. , 2016, , .		15
31	Robust features for speech recognition based on admissible wavelet packets. <i>Electronics Letters</i> , 2001, 37, 1554.	0.5	11
32	Pattern recognition of EMG signals for low level grip force classification. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 065012.	0.6	11
33	Monitoring Heart Disease and Diabetes with Mobile Internet Communications. <i>International Journal of Telemedicine and Applications</i> , 2012, 2012, 1-12.	1.1	10
34	Wavelet based sub-band parameters for classification of unaspirated Hindi stop consonants in initial position of CV syllables. <i>International Journal of Speech Technology</i> , 2013, 16, 323-332.	1.4	10
35	Mobile communications for monitoring heart disease and diabetes. , 2010, 2010, 2208-10.		9
36	Chaos-based encryption of biomedical EEG signals using random quantization technique. , 2011, , .		9

#	ARTICLE	IF	CITATIONS
37	Frequency Selection Based Separation of Speech Signals with Reduced Computational Time Using Sparse NMF. Archives of Acoustics, 2017, 42, 287-295.	0.9	9
38	Two Round Scheduling (TRS) Scheme for Linearly Extensible Multiprocessor Systems. International Journal of Computer Applications, 2012, 38, 34-40.	0.2	9
39	Automatic Seizure Detection Using Higher Order Moments. , 2010, , .		8
40	Dispersion measures and entropy for seizure detection. , 2011, , .		8
41	Development of m-health monitoring systems in India and Iraq. , 2012, 2012, 288-91.		8
42	Epileptic seizure detection using heart rate variability. , 2016, , .		8
43	Role of 1.5 mm microplates in treatment of symphyseal fracture of mandible: A stress analysis based comparative study. Journal of Oral Biology and Craniofacial Research, 2017, 7, 119-122.	0.8	8
44	Continuous Hindi Speech Recognition Using Kaldi ASR Based on Deep Neural Network. Advances in Intelligent Systems and Computing, 2019, , 303-311.	0.5	8
45	A Multi-Level Blocks Scrambling Based Chaotic Image Cipher. Communications in Computer and Information Science, 2010, , 171-182.	0.4	7
46	Automatic detection of non-convulsive seizures using AR modeling. , 2012, , .		7
47	Nonlinear analysis of EEG for seizure prediction. , 2015, , .		7
48	Fatigue detection and estimation using auto-regression analysis in EEG. , 2016, , .		7
49	Signal-Dependent Chaotic-State-Modulated Digital Secure Communication. ETRI Journal, 2006, 28, 250-252.	1.2	6
50	LFSR and PLA based complex code generator for stream cipher. , 2009, , .		6
51	A simplified method for classification of epileptic EEG signals. International Journal of Biomedical Engineering and Technology, 2017, 25, 60.	0.2	6
52	Automatic Seizure Detection using Inter Quartile Range. International Journal of Computer Applications, 2012, 44, 1-5.	0.2	6
53	Artificial Neural Network Based Modeling of GaAs HBT and Power Amplifier Design for Wireless Communication System. , 2006, , .		5
54	EVALUATION OF A WAVELET BASED ASR FRONT-END. International Journal of Wavelets, Multiresolution and Information Processing, 2007, 05, 641-654.	0.9	5

#	ARTICLE	IF	CITATIONS
55	Enhancement of VSR using low dimension visual feature. , 2013, , .		5
56	Enhancing classification accuracy of wrist movement by denoising sEMG signals. , 2013, 2013, 5762-4.		5
57	Hindi viseme recognition using subspace DCT features. International Journal of Applied Pattern Recognition, 2014, 1, 257.	0.3	5
58	EMD Analysis of EEG Signals for Seizure Detection. Lecture Notes in Electrical Engineering, 2019, , 189-196.	0.3	5
59	Wavelet Based Sub-space Features for Face Recognition. , 2008, , .		4
60	Embedding and non-blind extraction of watermark data in images in FRFT domain. , 2009, , .		4
61	Mean Absolute Deviation and Wavelet Entropy for Seizure Prediction. Journal of Medical Imaging and Health Informatics, 2012, 2, 238-243.	0.2	4
62	Detection of wrist movement using EEG signal for brain machine interface. , 2013, , .		4
63	Latency study of non-convulsive seizures. , 2013, , .		4
64	Sweet and sour taste classification using EEG based brain computer interface. , 2015, , .		4
65	Wavelet packet-based classification of brain states during English and mother tongue script writing. International Journal of Biomedical Engineering and Technology, 2016, 22, 325.	0.2	4
66	Mel scaled M-band wavelet filter bank for speech recognition. International Journal of Speech Technology, 2018, 21, 797-807.	1.4	4
67	A comparative study on evaluation of role of 1.5 mm microplates and 2.0 mm standard miniplates in management of mandibular fractures using bite force as indicator of recommendation. National Journal of Maxillofacial Surgery, 2016, 7, 39.	0.1	4
68	Robustness evaluation of wavelet based features for continuous speech recognition. International Journal of Intelligent Systems Technologies and Applications, 2010, 9, 1.	0.2	3
69	Static and dynamic response of cost effective unreinforced brick masonry buildings. Archives of Civil and Mechanical Engineering, 2011, 11, 921-941.	1.9	3
70	Watermarking biomedical signal for authentication using integer wavelet transform. , 2011, , .		3
71	Brain Machine Interface for wrist movement using Robotic Arm. , 2014, , .		3
72	EEG Analysis of Imagined Speech. International Journal of Rough Sets and Data Analysis, 2016, 3, 32-44.	1.0	3

#	ARTICLE	IF	CITATIONS
73	Automatic detection of non-convulsive seizures: A reduced complexity approach. Journal of King Saud University - Computer and Information Sciences, 2016, 28, 407-415.	2.7	3
74	sEMG signal enhancement using cubical denoising for wrist movement classification. , 2017, , .		3
75	Patient Specific Seizure Onset-Offset Latency Detection using Long- term EEG Signals. , 2019, , .		3
76	A Preliminary Study on ReliefF based Feature Ranking for Classification of Myoelectric Signals. , 2021, , .		3
77	EMG based classification for pick and place task. Biomedical Physics and Engineering Express, 2021, 7, 035021.	0.6	3
78	Latency Study of Seizure Detection. Advances in Intelligent and Soft Computing, 2012, , 129-136.	0.2	3
79	Automatic Detection of Sleep Apnea Using Sub-Band Features from EEG Signals. , 2020, , .		3
80	Speech Recognition with Emphasis on Wavelet based Feature Extraction. IETE Journal of Research, 2002, 48, 3-13.	1.8	2
81	Wavelet-based, speaker-independent isolated Hindi digit recognition. International Journal of Information and Communication Technology, 2008, 1, 185.	0.1	2
82	A noise resilient scrambling scheme for noisy transmission channel. , 2011, , .		2
83	FPGA implementation of chaotic state sequence generator for secure communication. , 2012, , .		2
84	Seizure Onset Detection by Analyzing Long-Duration EEG Signals. Advances in Intelligent Systems and Computing, 2016, , 215-224.	0.5	2
85	SNMF based speech denoising with wavelet decomposed signal selection. , 2017, , .		2
86	Detecting P300 potential for speller BCI. , 2017, , .		2
87	Variable sparsity regularization factor based SNMF for monaural speech separation. , 2017, , .		2
88	Speaker adaptive model for Hindi speech using Kaldi speech recognition toolkit. , 2017, , .		2
89	Feature extraction using Pythagorean means for classification of epileptic EEG signals. International Journal of Biomedical Engineering and Technology, 2018, 28, 243.	0.2	2
90	Classification of Seizure Through SVM Based Classifier. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
91	EEG-Based Exoskeleton for Rehabilitation Therapy. Design Science and Innovation, 2021, , 645-653.	0.1	2
92	Chaotic Masking of Voice Bitstream Using Mixed Sequences for Authorized Listening. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 604-611.	0.2	2
93	Wavelet based Tamper-Proofing of Digital Images. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1,0,784314 rgBT /O 2.1 1	2.1	1
94	Design of Wavelet Based Features for recognition of hindi digits. , 2011, , .		1
95	Efficient web crawling with proposed URL ordering. , 2011, , .		1
96	A DCT based approach to epileptic seizure detection. , 2011, , .		1
97	Multi-stage scheduling scheme for massively parallel systems. , 2012, , .		1
98	The Potential of Machine-to-Machine Communications for Developing the Next Generation of Mobile Device Monitoring Systems. IFMBE Proceedings, 2014, , 1903-1906.	0.2	1
99	A Multi-Level Robust and Perceptually Transparent Blind Audio Watermarking Scheme Using Wavelets. Archives of Acoustics, 2015, 39, 529-539.	0.9	1
100	Performance Evaluation of Bimodal Hindi Speech Recognition under Adverse Environment. Advances in Intelligent Systems and Computing, 2015, , 347-355.	0.5	1
101	Partial encryption of ECG with reduced complexity and its FPGA implementation. International Journal of Biomedical Engineering and Technology, 2015, 17, 398.	0.2	1
102	Estimation of muscle fatigue using wavelet decomposition. , 2015, , .		1
103	Implementation of Hardware Efficient Chaotic Generators for Signal Security in Portable Systems. , 2016, , .		1
104	Bispectral analysis of EEG during non-convulsive seizures. , 2017, , .		1
105	Block Energy Based Visual Features Using Histogram Of Oriented Gradient For Bimodal Hindi Speech Recognition. Procedia Computer Science, 2018, 132, 1385-1393.	1.2	1
106	Estimation of Mixing Coefficients using the Joint Probability Distribution of Mixed Signals. IETE Journal of Research, 2019, , 1-15.	1.8	1
107	Spread Embedding Technique in LSB Image Steganography based on Chaos Theory. , 2019, , .		1
108	A Neural Network Classification of sEMG Signals for Estimation of Force While Gripping. Lecture Notes in Mechanical Engineering, 2019, , 585-593.	0.3	1

#	ARTICLE	IF	CITATIONS
109	EMD Based Detection of Auditory Evoked Potential P300. , 2019, , .		1
110	Interpretation of EEG Signals During Wrist Movement Using Multi-resolution Wavelet Features for BCI Application. Studies in Big Data, 2021, , 179-191.	0.8	1
111	Chaotic Encryption of Physiological Signals Using Multi-Level Non-Uniform Quantizer. , 2012, , 265-272.		1
112	Design of Active Noise Control System Using Phase Shift Network for a Hydraulic Surface Grinder. Journal of Low Frequency Noise Vibration and Active Control, 2006, 25, 55-61.	1.3	0
113	Perceptual evaluation of audio quality over frequency selective fading channel. , 2011, , .		0
114	Performance evaluation of task assignment algorithms in cube-based multiprocessor systems. , 2013, , .		0
115	Phoneme confusability reduction by using visual information in noisy environment. , 2014, , .		0
116	Seizure detection in neonatal EEG signals using EMD based features. , 2017, , .		0
117	ASR for mixed speech using SNMF based separation algorithm. , 2017, , .		0
118	Detection of Event Related Potential for a Cognitive Task. , 2018, , .		0
119	Improvement in monaural speech separation using sparse non-negative tucker decomposition. International Journal of Speech Technology, 2018, 21, 837-849.	1.4	0
120	Design and fabrication of active noise control system for a grass cutter. Noise and Vibration Worldwide, 2021, 52, 86-92.	0.4	0
121	Application of Wavelet Denoising for Phasic Classification in Pick and Place Task. Lecture Notes in Mechanical Engineering, 2021, , 609-615.	0.3	0
122	A Neural Network Phoneme Classification Based on Wavelet Features. , 2001, , 73-78.		0
123	Enhancing Robustness in Speech Recognition using Visual Information. , 2012, , 149-171.		0
124	Automatic Detection of Sleep Spindles Using Time Domain Features. Lecture Notes in Networks and Systems, 2020, , 545-554.	0.5	0
125	Deep Learning based Lightweight Model for Seizure Detection using Spectrogram Images. , 2022, , .		0