

Publication Details

Author(s)	Title	Journal	Vol(No)	Page No	Year	Indexed in	No of
Tazeem Fatma, Omar Farooq, Yusuf U. Khan, Manjari Tripathi and Priyanka Sharma,	Automatic detection of Non-Convulsive Seizures: A reduced complexity approach	Journal of King Saud University Computer and Information Sciences		1-6	2015	Google Scholar®,ACM Guide to Computing Literature,EBSCOhost,INSPEC,Scopus,Scirus,Ulrich's,SHERPA / RoMEO,MediaFinder,CiteULike,Research Bible,J-Gate,Directory of Research Journals Indexing	
Prashant Upadhyaya, Omar Farooq, Musiur Raza Abidi and Priyanka Varshney	Comparative Study of Visual Feature for Bimodal Hindi Speech Recognition	Archives of Acoustics	40(4)	609-619	2015	BazTech, EBSCO, Google Scholar, ICI Journals Master List, ISI Web of Science (WoS), Scopus, Ulrich's periodicals, Worldcat	
Mohd. Tausif, Naimur Rahman Kidwai, Ekram Khan and Martin Ressler	FrWF-based LMBTC: Memory Efficient Image Coding for Visual Sensors	IEEE Sensors Journal	15(11)	6218-6228	2015	IEEE,Google Scholar	

<p>Mohd. Farhan Khan, Ekram Khan and Z. A. Abbasi</p>	<p>Image Contrast Enhancement Using Normalized Histogram Equalization</p>	<p>Optik-International Journal of Light and Electron Optics (Elsevier Science)</p>	<p>126(24)</p>	<p>4868-4875</p>	<p>2015</p>	<p>Bulletin Signalétique, Chemical Abstracts, Chemical and Earth Sciences, Compendex, Current Contents Engineering Technology & Applied Science, Current Contents Physics, Mathematical Reviews, Metals Abstracts, Engineering Index, Geographical Abstracts, INSPEC, Physics Abstracts, Physikalische Berichte, Research Alert, Science Citation Index, Scisearch, Technology and Applied Sciences, Scopus, Engineering Information Compendex, TEMA - Technik und Management, ZDEE - Elektrotechnik, Elektronik, Informationstechnik</p>	
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Mohd. Farhan Khan, Xueshi Ren and Ekram Khan	Semi Dynamic Fuzzy Histogram Equalization	Optik-International Journal of Light and Electron Optics (Elsevier Science)	126(21)	2848-2853	2015	Bulletin Signalétique, Chemical Abstracts, Chemical and Earth Sciences, Compendex, Current Contents Engineering Technology & Applied Science, Current Contents Physics, Mathematical Reviews, Metals Abstracts, Engineering Index, Geographical Abstracts, INSPEC, Physics Abstracts, Physikalische Berichte, Research Alert, Science Citation Index, Scisearch, Technology and Applied Sciences, Scopus, Engineering Information Compendex, TEMA - Technik und Management, ZDEE - Elektrotechnik, Elektronik, Informationstechnik
Sadaf Iqbal, Muhammed Shanir PP, Yusuf Uzzaman Khan, Omar Farooq	EEG Analysis of Imagined Speech	International Journal of Rough Sets and Data Analysis	3(2)	32-44	2016	Thomson Reuters, Scopus, Inspec, PsycINFO, Compendex
Arvind Sharma, Naushad Alam, Sudeb Dasgupta, Bulusu Anand	Multifinger MOSFETs' Optimization Considering Stress and INWE in Static CMOS Circuits	IEEE TED	63(6)	2517	2016	IEEE, Google Scholar
Naimur Rahman Kidwai, Ekram Khan and Martin Ressler	ZM-SPECK- A Fast and Memory-less Image Coder for Multimedia Sensor Networks	IEEE Sensors Journal	16(9))	2575-2587	2016	IEEE, Google Scholar
Farooq Husain, Omar Farooq and Ekram Khan	A Multi-Level Robust and Perceptually Transparent Blind Audio Watermarking Scheme Using Wavelets	Archives of Acoustics	39(4)	529-539	2014	BazTech, EBSCO, Google Scholar, ICI Journals Master List, ISI Web of Science (WoS), Scopus, Ulrich's periodicals, Worldcat
Baljit Kaur, Naushad Alam, Sanjeev K. Manhas, Bulusu Anand,	Efficient ECSM Characterization Considering Voltage, Temperature and Mechanical Stress Variability"	IEEE TCAS-I	61(12)	3407	2014	IEEE, Google Scholar

Anwar Sadat, Pallavi Gupta & M. J. R. Khan	An Opto-electronic Honey Adulteration Measuring System	Journal of Basic and Applied Engineering Research (JBAER)	1(10)	1-3	2014	
Pallavi Gupta, Anwar Sadat & M. J. R. Khan	An Optoelectromechanical Sensor for Detecting Adulteration in Anhydrous milk fat	IEEE SENSORS JOURNAL	14(9)	2930-2931	2014	IEEE, Google Scholar
Anwar Sadat	Determining the Adulteration of Diesel by an Optical Method	International Journal of Computer Applications	100(3)		2014	EBSCO, Google Scholar, Informatics, ProQuest CSA Technology Research Database, NASA ADS, CiteSeer, UlrichWeb, ScientificCommons (Univ. of St Gallens), University of Karlsruhe, Germany, PennState University
Anwar Sadat	Study of Motor Oil Adulteration by Ultrasonic Technique	IJERIA journal	7(3)	121-124	2014	
Mohd Ayyub Khan, A. A. Moinuddin, E. Khan, and M. Ghanbari	Optimized unequal error protection of embedded video bitstream using adaptive hierarchical QAM	Journal of Multimedia Tools and Applications		1-34	2015	Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, INSPEC, Zentralblatt Math, Google Scholar, EBSCO Discovery Service, CSA, ProQuest, Academic OneFile, ACM Digital Library, Computer Science Index, CSA Environmental Sciences, Current Contents/Engineering, Computing and Technology, DBLP, EI-Compendex, Gale, OCLC, PASCAL, SCImago, Summon by ProQuest

Muhammed Izharuddin, Omar Farooq, Qasim Rafiq	Partial encryption of ECG with reduced complexity and its FPGA implementation	International Journal of Biomedical Engineering and Technology	17(4)	398-417	2015	Scopus (Elsevier),Compendex [formerly Ei] (Elsevier),Emerging Sources Citation Index (Thomson Reuters),Academic OneFile (Gale),Google Scholar,Info Trac (Gale),Inspec (Institution of Engineering and Technology),ProQuest Advanced Technologies Database with Aerospace	
Yusuf U Khan and Omar Farooq	Wavelet-based multi-class discrimination of EEG for seizure detection	International Journal Biomedical Engineering and Technology	19(3)	266-278	2015	Scopus (Elsevier),Compendex [formerly Ei] (Elsevier),Emerging Sources Citation Index (Thomson Reuters),Academic OneFile (Gale),Google Scholar,Info Trac (Gale),Inspec (Institution of Engineering and Technology),ProQuest Advanced Technologies Database with Aerospace	
Farid Ghani, Hameedah Sultan, Dilnashin Anwar, Omar Farooq, Yusuf Uzzama Khan	Classification of Wrist Movements using EEG signals	Journal of Next Generation Information Technology	4(8)	29-39	2013	Google Scholar	

R. P. Sharma, O. Farooq, I. A. Khan, S. K. Gupta	Wavelet Based Sub-band Parameters for Classification of Unaspirated Hindi Stop Consonants in Initial Position of CV Syllables	International Journal of Speech Technology	16(3)	323-332	2013	SCOPUS, Zentralblatt Math, Google Scholar, EBSCO Discovery Service, CSA, ProQuest, Academic OneFile, ACM Digital Library, Bibliography of Linguistic Literature, CSA Environmental Sciences, Earthquake Engineering Abstracts, EI-Compendex, Emerging Sources Citation Index, ERIH PLUS, Gale, io-port.net, Linguistics Abstracts, OCLC, SCImago, Summon by ProQuest
Priyanka Varshney, Omar Farooq, Prashant Upadhyaya	Hindi viseme recognition using subspace DCT features	International Journal of Applied Pattern Recognition	1(3)	257-272	2014	Emerging Sources Citation Index (Thomson Reuters), Computer Database (Gale), DBLP Computer Science Bibliography, Google Scholar
Mohd. Farhan Khan, Ekram Khan and Z. A. Abbasi	Segment Dependent Dynamic Multi-Histogram Equalization for Image Contrast Enhancement	Digital Signal Processing (Elsevier Science Journal)	24(2)	198-223	2014	Current Contents/Engineering, Computing & Technology, Engineering Index Monthly, EBSCOhost, INSPEC, Science Citation Index, Web of Science, Ei Compendex, Scopus, Science Citation Index Expanded, Gale Academic OneFile, Gale Infotrac Custom

<p>Mohd. Farhan Khan, Ekram Khan and Z. A. Abbasi</p>	<p>Segment Selective Dynamic Histogram Equalization for Brightness Preserving Contrast Enhancement of Images</p>	<p>Optik-International Journal of Light and Electron Optics (Elsevier Science)</p>	<p>125(3)</p>	<p>1385-1389</p>	<p>2014</p>	<p>Bulletin Signalétique,Chemical Abstracts,Chemical and Earth Sciences,Compendex,Current Contents Engineering Technology & Applied Science,Current Contents Physics,Mathematical Reviews,Metals Abstracts,Engineering Index,Geographical Abstracts,INSPEC,Physics Abstracts,Physikalische Berichte,Research Alert,Science Citation Index,Scisearch,Technology and Applied Sciences,Scopus,Engineering Information Compendex,TEMA - Technik und Management,ZDEE - Elektrotechnik, Elektronik, Informationstechnik</p>	
<p>M Bedeuzzaman, T Fathima, YU Khan, O Farooq</p>	<p>Seizure prediction using statistical dispersion measures of intracranial EEG</p>	<p>Biomedical Signal Processing and Control</p>	<p>10(10)</p>	<p>338-341</p>	<p>2014</p>	<p>BIOBASE,Current Contents/Engineering, Computing & Technology,EBSCOhost,EMBASE,INSPEC,Web of Science,Current Awareness in Biological Sciences,Ei Compendex,Scopus,Science Citation Index Expanded.Gale Academic OneFile,Gale Infotrac Custom</p>	

Anwar Sadat	Electronic Technique for the Determination of Added Water to Milk	INROADS An International Journal of Jaipur National University	3(1)	2277-4912	2014		
R.P. Sharma, I. Khan and O. Farooq	Acoustic Study of Hindi Unaspirated Stop Consonants in Consonant-Vowel (CV) Context	International Journal of Engineering and Technical Research		5-9	2014	Google Scholar®, ACM Guide to Computing Literature, EBSCOhost, INSPEC, Scopus, Scirus, Ulrich's, SHE RPA / RoMEO, MediaFinder, CiteULike,	
Priyanka Sharma, Yusuf Uzzaman Khan, Omar Farooq, Manjari Tripathi, and Hojjat Adeli	A Wavelet-Statistical Features Approach for Nonconvulsive Seizure Detection	Journal of Clinical EEG and Neuroscience	45(00)	274-284	2014	Google Scholar	
Omar Farooq, Yusuf U Khan, Abid A Khan and Baqar Abbas	A computer assisted method of discriminating wrist movements in surface EMG	2nd International Conference on Emerging Trends in Engineering & Technology		1-4	2013		
M. Farhan Khan, Ekram Khan and Z A Abbasi	Artifact Suppressed Image Enhancement Through Bi Histogram Equalization	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2013)		66-70	2013		
Farid Ghani, Bhoomika Gaur, Sidhika Varshney, Omar Farooq, Yusuf Uzzama Khan	Detection of Wrist Movement using EEG signal for Brain Machine Interface	Proc. of International Conference on Technology, Informatics, Management, Engineering & Environment		5-8	2013		
Farid Ghani, Hameedah Sultan, Dilnashin Anwar, Omar Farooq, Yusuf Uzzama Khan	EEG Based Wrist Movement Classification	Proceedings International Conferences ISSDM and ICCM		592- 597.	2013		
Prashant Upadhyaya, Omar Farooq, Priyanka Varshney and Amit Upadhyaya	Enhancement of VSR Using Low Dimension Visual Feature	Proc. of International Conference on Multimedia, Signal Processing and Communication Technologies		71-74.	2013		
Baqar Abbas, Omar Farooq, Yusuf Uzzaman, Abid Ali Khan and A L Vyas	Enhancing Classification Accuracy of Wrist Movement by Denoising sEMG signals	Proc. of 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society		5762-5764	2013		
Swati Varshney, Yusuf U Khan, Omar Farooq, Manjari Tripathi and Priyanka Sharma	Latency Study of Non-Convulsive Seizures	Proc. of International Conference on Multimedia, Signal Processing and Communication Technologies		108-111	2013		

Mohd Ayyub Khan, A. A. Moinuddin, E. Khan and M. Ghanbari	Optimized Cross-Layer Unequal Error Protection for Wireless Video Communication	<i>In Proceeding of IEEE Region 10 International Conference (TENCON-2013)</i> , Xi'an - China		1-4	2013		
M. Ayyub Khan, A. A. Moinuddin, Ekram Khan and M. Ghanbari	Optimized Unequal Error Protection of Embedded Video Bitstream using Adaptive Hierarchical QAM	2013 Annual IEEE India Conference (INDICON-2013)		1-34	2013		
Samad A, Rafiq M. Q. and Farooq O	Performance Evaluation of Task Assignment Algorithms in Cube-based Multiprocessor Systems	Proceedings of the International Conference on Emerging Trends and Applications in Computer Science		48-51.	2013		
Mohd Ayyub Khan, A. A. Moinuddin and E. Khan	Performance Investigation of Application Layer Unequal Error Protection for Embedded Video Bitstream	<i>In Proceeding of International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2013)</i> , AMU - Aligarh			2013		
M. Ayyub Khan, A. A. Moinuddin and Ekram Khan	Performance Investigation of Application Layer Unequal Error Protection for Wireless Video	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2013)		31-35	2013		
Mohd Ayyub Khan, A. A. Moinuddin and E. Khan	Unequal Error Protection of Embedded Video Bitstream with Optimized FEC	<i>In proceedings of 2013 Annual IEEE India Conference (INDICON-2013, Mumbai -India)</i>		1-6	2013		
Anwar Sadat	Discrimination of Vegetable Oils using Monochromatic Light	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2013)		290-292	2013		
Anwar Sadat	An Electronic Technique to Determine the Adulteration in Honey	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2013)		302-304	2013		
Sidhika Varshney, Bhoomika Gaur, Omar Farooq and Yusuf Uzzaman Khan	Brain Machine Interface for Wrist Movement Using Robotic Arm	16th International Conference on Advanced Communication Technology		518-522	2014		

Nidal Rafiuddin, Omar Farooq and Y. U. Khan	Comparative Analysis of Wavelet Packet and Discrete Wavelet Transform based features for Seizure Detection	3rd International Conference on Biomedical Engineering & Assistive Technologie		195-199.	2014		
Nadal Rafi, Yusuf U Khan, Omar Farooq	Epileptic Seizure Detection: Reformation of the Traditional Method on Scalp Recorded Electroencephalogram	Proc. of International Conference in Emerging Trends in Electrical Engineering		235-240	2014		
Siddharth Bhardwa, A. A. Khan and O. Farooq, Y U Khan	Ergonomic assessment of wood routing task	3rd International Conference on Biomedical Engineering & Assistive Technologies		174-178.	2014		
Priyanka Varshney, Atul Bansal and Omar Farooq	Phoneme Confusability Reduction by Using Visual Information in Noisy Environment	Proc. of Int. Conf. on Signal Propagation and Computer Technology		476-481	2014		
M. Siddiqui, O. Farooq, A. A. Khan and Y U Khan	Statistical Features For Muscle Fatigue Detection Using Surface Electromyography (EMG)	3rd International Conference on Biomedical Engineering & Assistive Technologies		179-184	2014		
R. S. H. Istepanian, B. Woodward, D. J. Mulvaney, S. Datta, P. Harvey, A. L. Vyas, O. Farooq	The Potential of Machine-to-Machine Communications for Developing the Next Generation of Mobile Device Monitoring Systems	XIII Mediterranean Conference on Medical and Biological Engineering and Computing	41(41)	1903-1906	2014		
. Anwar Sadat, Affan Ahmad Khan, & Mohit Verma	Development of Alumina Based Humidity Sensor	National Conference on Advance Research & Innovation in Science & Engineering (ARISE-14			2014		
Anwar Sadat, Mohd Farhan Khan, & Umar Shahid	Development of Electromagnetic Field Detector	National Conference on Advance Research & Innovation in Science & Engineering (ARISE-14			2014		
Sadaf Iqbal, Yusuf Uzzaman Khan, Omar Farooq	EEG Based Classification of Imagined Vowel Sounds	2nd International Conference on Computing for Sustainable Global Development INDIACom		6.145-6.148	2015		
Basil M. Idrees, Omar Farooq	Estimation of muscle fatigue using wavelet decomposition	Proc. Of 5th International Conference on Digital Information Processing and Communications		267 – 271	2015		
Asra Aslam, Ekram Khan and M. M. Sufyan Beg	Improved Edge Detection Algorithm for Brain Tumour Segmentation	Procedia Computer Science	58	430-437	2015		
Asra Aslam, Ekram Khan and M. M. Sufyan Beg	Multi-Threading based Implementation of Ant-Colony Optimization Algorithm for Image Edge Detection	2015 Annual IEEE India Conference (INDICON-2015)		1-6	2015		

Garima Chandel, Omar Farooq, Yusuf U Khan, Mayank Chawla	Seizure Onset Detection by Analyzing Long-Duration EEG Signals	Proceedings of the Second International Conference on Computer and Communication Technologies	2(2)	215-224	2015		
Sadaf Iqbal, P.P. Muhammed Shanir, Yusuf Uzzaman Khan, Omar Farooq	Time Domain Analysis of EEG to Classify Imagined Speech	Proceedings of the Second International Conference on Computer and Communication Technologies	380	793-800	2015		
Anwar Sadat Mohd. Shareef Adil & Shivam Govil	Development of LPG Sensor	Emerging Trends on Electrical & Electronics Engineering			2015		
Syed Heena Mariyam, Ekram Khan and M. Salim Beg	Performance Evaluation of P2P Overlay Architecture using Soft QoS Scheme on Diffserv Environment	National Conference on Advances in Mobile Communication, Networking and Computing	1(1)	146-150	2016		
Anwar Sadat	Application of Nuclear Instrumentation techniques in measuring adulteration in food; A Review	National Conference on recent trends in nuclear Physics			2016		