

# Munna Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9204763/publications.pdf>

Version: 2024-02-01

47  
papers

303  
citations

1039880

9  
h-index

1058333

14  
g-index

48  
all docs

48  
docs citations

48  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	A computer based wireless system for online acquisition, monitoring and digital processing of ECG waveforms. Computers in Biology and Medicine, 2009, 39, 361-367.	3.9	45
2	A Review of Measurement and Analysis of Heart Rate Variability. , 2009, , .		35
3	RISE-based adaptive control for EICoSI exoskeleton to assist knee joint mobility. Robotics and Autonomous Systems, 2020, 124, 103354.	3.0	23
4	Vocal Indicators of Emotional Stress. International Journal of Computer Applications, 2015, 122, 38-43.	0.2	19
5	Robust $\frac{H}{s^2}$ control of Magnetic Levitation system based on parallel distributed compensator. Ain Shams Engineering Journal, 2018, 9, 1119-1129.	1.5	17
6	Evaluation of bone fracture in animal model using bio-electrical impedance analysis. Perspectives in Science, 2016, 8, 567-569.	0.6	16
7	Low-level laser therapy in temporomandibular joint disorders: a systematic review. Journal of Medicine and Life, 2021, 14, 148-164.	0.4	15
8	Online acquisition and wireless transmission of carotid pulse waveforms to analyse posture related changes. International Journal of Biomedical Engineering and Technology, 2012, 10, 255.	0.2	12
9	Acoustic analysis of speech under stress. International Journal of Bioinformatics Research and Applications, 2015, 11, 417.	0.1	12
10	Voice analysis for detection of deception. , 2016, , .		12
11	Real time acquisition and PC to PC wireless transmission of human carotid pulse waveform. Computers in Biology and Medicine, 2009, 39, 915-920.	3.9	10
12	Wireless Transmission of EMG Signal and Analysis of Its Correlation with Simultaneously Acquired Carotid Pulse Wave Using Dual Channel System. , 2010, , .		10
13	Prediction of quantitative intrathoracic fluid volume to diagnose pulmonary oedema using LabVIEW. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 859-864.	0.9	10
14	A computer based prediction for diagnosis of Pulmonary Edema. , 2010, , .		8
15	Classification of myoelectric signal for sub-vocal Hindi phoneme speech recognition. Journal of Intelligent and Fuzzy Systems, 2018, 35, 5585-5592.	0.8	7
16	Classification of oils by ECOC based multi-class SVM using spectral analysis of acoustic signals. Applied Acoustics, 2021, 183, 108273.	1.7	7
17	TS Fuzzy Controller of Maglev System Based on Relaxed Stabilization Conditions. Lecture Notes in Networks and Systems, 2018, , 555-563.	0.5	5
18	Discrete-time control of Maglev system using switched fuzzy controller. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Acoustic resonance spectroscopy based simple system for spectral characterization and classification of materials. Journal of Intelligent and Fuzzy Systems, 2019, 36, 4389-4397.	0.8	4
20	Solar cell based DC-DC boost converter for implantable cardiac pacemaker: a computer simulation. International Journal of Biomedical Engineering and Technology, 2013, 12, 215.	0.2	3
21	A novel SPICE implementation of MPPT technique for implantable solar powered cardiac biosensors. , 2014, , .		3
22	Sub-vocal phoneme-based EMG pattern recognition and its application in diagnosis. , 2015, , .		3
23	Real time acquisition, processing and analysis of human carotid pulse waveforms using MATLAB. , 2011, , .		2
24	Acoustic source implementation for analysis of sound perception in noisy condition. , 2015, , .		2
25	High frequency low voltage 32nm node CMOS rectifier for energy harvesting in implantable devices. , 2015, , .		2
26	SPICE simulation of implantable solar power supply for sustainable operation of cardiac biosensors. International Journal of Biomedical Engineering and Technology, 2015, 18, 168.	0.2	2
27	Computer based real time systems for analyzing cardiovascular response to orthostatic stress. Biocybernetics and Biomedical Engineering, 2015, 35, 232-239.	3.3	2
28	Pervasive approach to acoustic source perception in horizontal plane. Perspectives in Science, 2016, 8, 667-669.	0.6	2
29	A prototype model development for classification of material using acoustic resonance spectroscopy. , 2017, , .		2
30	A review of high G-stress induced problems and their solutions. International Journal of Medical Engineering and Informatics, 2017, 9, 47.	0.2	2
31	Modeling and simulation of solar boost converter to supply power for cardiac pacemakers. , 2013, , .		1
32	Assessment of postural stability using centre of Pressure and knee progression during dynamic gait. , 2015, , .		1
33	Non-invasive measurement and subsequent analysis of human carotid pulse for ground based simulation of G-stress. International Journal of Bioinformatics Research and Applications, 2016, 12, 227.	0.1	1
34	Classification Of Different Materials Using Their Acoustic Signals. , 2019, , .		1
35	Impact Of Noise On Inclusive Performance Of Learner In An Educational Institute. , 2019, , .		1
36	Wireless Assessment of Acoustic Source Perception in Noisy Environment. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
37	Prediction and measurement of electrical impedance for human leg segment. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 191-194.	0.4	0
38	Solar powered automated external defibrillators in remote areas: A computer simulation. , 2014, , .		0
39	Robust TS fuzzy controller for helicopter via parallel distributed compensation. , 2017, , .		0
40	Development of new robust control algorithm for helicopter altitude. , 2017, , .		0
41	Optimal selection of PEMF signal for wound healing system. , 2017, , .		0
42	Carbon Nanotube FET based Power Shaping Circuit used in Biomedical Applications. , 2019, , .		0
43	Design and Development of Software and Hardware Modules of Bioimpedance System Using LTSpice. Lecture Notes in Electrical Engineering, 2021, , 187-199.	0.3	0
44	Low Level Laser Therapy for Non-Invasive Dental applications: A Review. International Journal of Engineering Research & Technology, 2020, V9, .	0.2	0
45	Prediction of electrical impedance parameters for the simulated leg segment of an aircraft pilot under G-stress. Aviation, Space, and Environmental Medicine, 2002, 73, 558-64.	0.6	0
46	WOUND HEALING IN HUMANS BY OPTIMIZATION OF LOW FREQUENCY SIGNAL FOR PULSED ELECTROMAGNETIC FIELD THERAPY. Journal of Experimental Biology and Agricultural Sciences, 2021, 9, 855-862.	0.1	0
47	Event identification by fusing EEG and EMG signals. , 2022, , 175-185.		0