Ranjeet

List of Publications by Year
in descending order

33 papers	477 citations	759233 12 h-index	794594 19 g-index
34 all docs	34 docs citations	34 times ranked	243 citing authors

#	Article	IF	Citations
1	Beta wavelet based ECG signal compression using lossless encoding with modified thresholding. Computers and Electrical Engineering, 2013, 39, 130-140.	4.8	87
2	Hybrid method based on singular value decomposition and embedded zero tree wavelet technique for ECG signal compression. Computer Methods and Programs in Biomedicine, 2016, 129, 135-148.	4.7	57
3	ECG Signal Compression Using Different Techniques. Communications in Computer and Information Science, 2011, , 231-241.	0.5	46
4	Electrocardiogram signal compression based on singular value decomposition (SVD) and adaptive scanning wavelet difference reduction (ASWDR) technique. AEU - International Journal of Electronics and Communications, 2015, 69, 1810-1822.	2.9	40
5	ECG Signal Compression using Optimum Wavelet Filter Bank Based on Kaiser Window. Procedia Engineering, 2012, 38, 2889-2902.	1.2	26
6	Electrocardiogram signal compression using singular coefficient truncation and wavelet coefficient coding. IET Science, Measurement and Technology, 2016, 10, 266-274.	1.6	21
7	Electrocardiogram Signal Compression Based on 2D-Transforms: A Research Overview. Journal of Medical Imaging and Health Informatics, 2016, 6, 285-296.	0.3	20
8	Computational efficient method for ECG signal compression based on modified SPIHT technique. International Journal of Biomedical Engineering and Technology, 2014, 15, 173.	0.2	17
9	An Automatic Lung Nodule Classification System Based on Hybrid Transfer Learning Approach. SN Computer Science, 2022, 3, 1.	3.6	16
10	Speech compression using different transform techniques. , 2011, , .		15
11	Electrocardiogram Signal Compression Using Beta Wavelets. Mathematical Modelling and Algorithms, 2012, 11, 235-248.	0.5	15
12	The optimized wavelet filters for speech compression. International Journal of Speech Technology, 2013, 16, 171-179.	2.2	15
13	Efficient compression technique based on temporal modelling of ECG signal using principle component analysis. IET Science, Measurement and Technology, 2017, 11, 346-353.	1.6	15
14	An efficient technique for image compression and quality retrieval using matrix completion. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1231-1239.	3.9	14
15	Robust blind digital image watermarking scheme based on stationary wavelet transform. , 2013, , .		11
16	An efficient compression system for ECG signal using QRS periods and CAB technique based on 2D DWT and Huffman coding. , 2013, , .		11
17	Wavelet Based Electrocardiogram Compression at Different Quantization Levels. Communications in Computer and Information Science, 2011, , 392-398.	0.5	10
18	Retained signal energy based optimal wavelet selection for Denoising of ECG signal using modifide thresholding. , 2011, , .		7

#	Article	IF	Citations
19	Performance of different threshold function for ECG compression using Slantlet transform. , 2017, , .		7
20	Dual tree DWT analysis based electrocardiogram signal compression using zero coding technique. , 2015, , .		5
21	Compression of medical image using wavelet based sparsification and coding. , 2017, , .		5
22	Compressed sensing based ECG signal compression for telemedicine. , 2015, , .		3
23	ECG signal compression algorithm based on joint-multiresolution analysis (J-MRA). , 2015, , .		3
24	Dual-Tree Sparse Decomposition of DWT Filters for ECG Signal Compression and HRV Analysis. Augmented Human Research, 2021, 6, 1.	4.7	3
25	An improved method for speech enhancement based on 2D-DWT using hybrid weiner filtering. , 2012, , .		2
26	R-Peaks Detection Using Shannon Energy for HRV Analysis. Lecture Notes in Electrical Engineering, 2019, , 401-409.	0.4	2
27	A new efficient embedded wavelet image codec based on Multidirectional Traversal Algorithm. International Journal of Signal and Imaging Systems Engineering, 2012, 5, 196.	0.6	1
28	HRV Signal Feature Estimation and Classification for Healthcare System Based on Machine Learning. Communications in Computer and Information Science, 2020, , 437-448.	0.5	1
29	Minor Component Analysis Based Design of Low Pass and BandPass FIR Digital Filter Using Particle Swarm Optimization and Fractional Derivative. , 2021, , .		1
30	Low-rank singular approximation based ECG signal compression in e-health applications. , 2015, , .		0
31	MULTISCALE BSBL COMPRESSED SENSING-BASED ECG SIGNAL COMPRESSION WITH ENCODING FOR TELEMEDICINE. Biomedical Engineering - Applications, Basis and Communications, 0, , 2150034.	0.6	0
32	Statistical measures and analysis in electrocardiogram (ECG) signal processing. , 0, , .		0
33	Study on Recent disputed of Internet of Things (IoT) in Wearable Technologies. , 2022, , .		0