

# Sourav Kumar Mukhopadhyay

## List of Publications by Year in descending order

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14  
papers

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1163117

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1125743

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g-index

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docs citations

14  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual saliency detection approach for long-term ECG analysis. Computer Methods and Programs in Biomedicine, 2022, 213, 106518.	4.7	2
2	A singular spectrum analysis-based model-free electrocardiogram denoising technique. Computer Methods and Programs in Biomedicine, 2020, 188, 105304.	4.7	16
3	A Singular Spectrum Analysis-Based Data-Driven Technique for the Removal of Cardiogenic Oscillations in Esophageal Pressure Signals. IEEE Journal of Translational Engineering in Health and Medicine, 2020, 8, 1-11.	3.7	4
4	Robust identification of QRS-complexes in electrocardiogram signals using a combination of interval and trigonometric threshold values. Biomedical Signal Processing and Control, 2020, 61, 102007.	5.7	12
5	Compression of Steganographed PPG Signal With Guaranteed Reconstruction Quality Based on Optimum Truncation of Singular Values and ASCII Character Encoding. IEEE Transactions on Biomedical Engineering, 2019, 66, 2081-2090.	4.2	13
6	SVD and ASCII Character Encoding-Based Compression of Multiple Biosignals for Remote Healthcare Systems. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 137-150.	4.0	10
7	An ECG compression algorithm with guaranteed reconstruction quality based on optimum truncation of singular values and ASCII character encoding. Biomedical Signal Processing and Control, 2018, 44, 288-306.	5.7	15
8	ASCII-character-encoding based PPG compression for tele-monitoring system. Biomedical Signal Processing and Control, 2017, 31, 470-482.	5.7	21
9	ECG signal compression using ASCII character encoding and transmission via SMS. Biomedical Signal Processing and Control, 2013, 8, 354-363.	5.7	34
10	LOSSLESS ELECTROCARDIOGRAM COMPRESSION TECHNIQUE AND GSM BASED TELE-CARDIOLOGY APPLICATION. International Journal on Smart Sensing and Intelligent Systems, 2013, 6, 888-909.	0.7	5
11	ECG feature extraction using differentiation, Hilbert transform, variable threshold and slope reversal approach. Journal of Medical Engineering and Technology, 2012, 36, 372-386.	1.4	15
12	QRS complex identification using Hilbert transform, variable threshold and slope reversal approach. International Journal of Biomedical Engineering and Technology, 2012, 9, 301.	0.2	17
13	A lossless ECG data compression technique using ASCII character encoding. Computers and Electrical Engineering, 2011, 37, 486-497.	4.8	53
14	Robust Identification of the QRS-Complexes in Electrocardiogram Signals Using Ramanujan Filter Bank-Based Periodicity Estimation Technique. Frontiers in Signal Processing, 0, 2, .	1.7	1