Rajesh patel

List of Publications by Year
in descending order

18 papers	**134** citations

1478505

6 h-index

1199594

12 g-index

19 all docs	**19** docs citations

19 times ranked

167 citing authors

#	Article	IF	Citations
1	Suppression of Eye-Blink Associated Artifact Using Single Channel EEG Data by Combining Cross-Correlation With Empirical Mode Decomposition. IEEE Sensors Journal, 2016, 16, 6947-6954.	4.7	43
2	Common Methodology for Cardiac and Ocular Artifact Suppression from EEG Recordings by Combining Ensemble Empirical Mode Decomposition with Regression Approach. Journal of Medical and Biological Engineering, 2017, 37, 201-208.	1.8	23
3	Effective Extraction of Visual Event-Related Pattern by Combining Template Matching With Ensemble Empirical Mode Decomposition. IEEE Sensors Journal, 2017, 17, 2146-2153.	4.7	14
4	A Combined Methodology to Eliminate Artifacts in Multichannel Electrogastrogram Based on Independent Component Analysis and Ensemble Empirical Mode Decomposition. SLAS Technology, 2018, 23, 269-280.	1.9	10
5	Noninvasive Determination of HV Interval Using Magnetocardiography. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 568-577.	1.2	9
6	Decoding non-linearity for effective extraction of the eye-blink artifact pattern from EEG recordings. Pattern Recognition Letters, 2020, 139, 42-49.	4.2	9
7	Suppression of Baseline Wander Artifact in Magnetocardiogram Using Breathing Sensor. Journal of Medical and Biological Engineering, 2017, 37, 554-560.	1.8	6
8	Magnetocardiography for identification of coronary ischemia in patients with chest pain and normal resting 12â€lead electrocardiogram. Annals of Noninvasive Electrocardiology, 2020, 25, e12715.	1.1	5
9	Arduino-Based Novel Hardware Design for Liquid Helium Level Measurement. SLAS Technology, 2018, 23, 456-462.	1.9	4
10	An investigation on the influence of yogic methods on heart rate variability. Annals of Noninvasive Electrocardiology, 2019, 24, e12584.	1.1	4
11	Development of multichannel MEG system at IGCAR. AIP Conference Proceedings, 2013, , .	0.4	1
12	Application of adaptive filters in denoising magnetocardiogram signals. AIP Conference Proceedings, 2017, , .	0.4	1
13	Designing a Low-Cost, Single-Supply ECG System for Suppression of Movement Artifact from Contaminated Magnetocardiogram. SLAS Technology, 2018, 23, 463-469.	1.9	1
14	Design and Implementation of a Discrete-Time Proportional Integral (PI) Controller for the Temperature Control of a Heating Pad. SLAS Technology, 2018, 23, 614-623.	1.9	1
15	Feasibility study on measurement of magnetocardiography (MCG) using fluxgate magnetometer. AIP Conference Proceedings, 2018, , .	0.4	1
16	Elucidation of Equivalent Current Dipole from Magnetocardiography (MCG) Measurements. , 2011, , .		0
17	Effective extraction of evoked potentials using template cross correlation. , 2015, , .		0
18	Solving Inverse Problem in Magnetocardiography by Pattern Search Method. IETE Journal of Research, 2023, 69, 4001-4011.	2.6	0