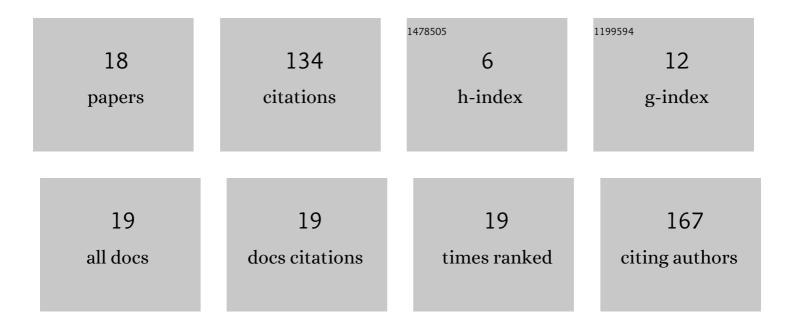
## Rajesh patel

List of Publications by Year in descending order

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

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