

Narayanan Mariyappa

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

105
citations

1684188

5
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline drift removal and denoising of MCG data using EEMD: Role of noise amplitude and the thresholding effect. Medical Engineering and Physics, 2014, 36, 1266-1276.	1.7	28
2	Denoising of multichannel MCG data by the combination of EEMD and ICA and its effect on the pseudo current density maps. Biomedical Signal Processing and Control, 2015, 18, 204-213.	5.7	19
3	Dipole location using SQUID based measurements: Application to magnetocardiography. Physica C: Superconductivity and Its Applications, 2012, 477, 15-19.	1.2	14
4	A Combined Methodology to Eliminate Artifacts in Multichannel Electrogram Based on Independent Component Analysis and Ensemble Empirical Mode Decomposition. SLAS Technology, 2018, 23, 269-280.	1.9	10
5	NREM Sleep and Antiepileptic Medications Modulate Epileptiform Activity by Altering Cortical Synchrony. Clinical EEG and Neuroscience, 2018, 49, 417-424.	1.7	7
6	Establishment of 37 channel SQUID system for magnetocardiography. AIP Conference Proceedings, 2012, , .	0.4	6
7	P300 in mesial temporal lobe epilepsy and its correlation with cognition – A MEG based prospective case-control study. Epilepsy and Behavior, 2021, 114, 107619.	1.7	6
8	Heightened Background Cortical Synchrony in Patients With Epilepsy: EEG Phase Synchrony Analysis During Awake and Sleep Stages Using Novel Ensemble Measure. Clinical EEG and Neuroscience, 2018, 49, 177-186.	1.7	4
9	EEG-based P300 in mesial temporal lobe epilepsy and its correlation with cognitive functions: A case-control study. Epilepsy and Behavior, 2021, 123, 108279.	1.7	3
10	Role of magnetoencephalography and stereo-electroencephalography in the presurgical evaluation in patients with drug-resistant epilepsy. Neurology India, 2017, 65, 34.	0.4	3
11	Posterior Quadrant Disconnection for Childhood Onset Sub-Hemispheric Posterior Head Region Epilepsy: Indications in an Indian Cohort and Outcome. Pediatric Neurosurgery, 2021, 56, 538-548.	0.7	3
12	Development of multichannel MEG system at IGCAR. AIP Conference Proceedings, 2013, , .	0.4	1
13	Content-Based Estimation of Brain MRI Tilt in Three Orthogonal Directions. Journal of Digital Imaging, 2021, 34, 760-771.	2.9	1
14	Elucidation of Equivalent Current Dipole from Magnetocardiography (MCG) Measurements. , 2011, , .		0