

Faruque Reza

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

481
citations

1040056

9
h-index

752698

20
g-index

47
all docs

47
docs citations

47
times ranked

712
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Altered plasticity of the human motor cortex in Parkinson's disease. <i>Annals of Neurology</i> , 2006, 59, 60-71. | 5.3 | 187 |
| 2 | Brain-derived neurotrophic factor-mediated retrograde signaling required for the induction of long-term potentiation at inhibitory synapses of visual cortical pyramidal neurons. <i>Neuroscience Research</i> , 2008, 61, 192-200. | 1.9 | 55 |
| 3 | Involvement of T-type Ca^{2+} channels in the potentiation of synaptic and visual responses during the critical period in rat visual cortex. <i>European Journal of Neuroscience</i> , 2008, 28, 730-743. | 2.6 | 28 |
| 4 | Hormonal Influences on Cognitive Function. <i>The Malaysian Journal of Medical Sciences</i> , 2018, 25, 31-41. | 0.5 | 23 |
| 5 | Simultaneous EEG-fMRI for working memory of the human brain. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 363-378. | 1.3 | 21 |
| 6 | Differential expression of entorhinal cortex and hippocampal subfields α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) and N-methyl-D-aspartate (NMDA) receptors enhanced learning and memory of rats following administration of <i>Centella asiatica</i> . <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 168-180. | 5.6 | 20 |
| 7 | Decoding of visual information from human brain activity: A review of fMRI and EEG studies. <i>Journal of Integrative Neuroscience</i> , 2015, 14, 155-168. | 1.7 | 15 |
| 8 | Decoding of visual activity patterns from fMRI responses using multivariate pattern analyses and convolutional neural network. <i>Journal of Integrative Neuroscience</i> , 2018, 16, 275-289. | 1.7 | 15 |
| 9 | Classification of cognitive and resting states of the brain using EEG features. , 2016, , . | | 12 |
| 10 | A proposed frame work for real time epileptic seizure prediction using scalp EEG. , 2013, , . | | 9 |
| 11 | Prediction of Human Brain Activity Using Likelihood Ratio Based Score Fusion. <i>IEEE Access</i> , 2017, 5, 13010-13019. | 4.2 | 9 |
| 12 | Harmonized-Multinational qEEG norms (HarMNqEEG). <i>NeuroImage</i> , 2022, 256, 119190. | 4.2 | 9 |
| 13 | Influence of education level on design-induced N170 and P300 components of event related potentials in the human brain. <i>Journal of Integrative Neuroscience</i> , 2014, 13, 71-88. | 1.7 | 8 |
| 14 | Visual brain activity patterns classification with simultaneous EEG-fMRI: A multimodal approach. <i>Technology and Health Care</i> , 2017, 25, 471-485. | 1.2 | 8 |
| 15 | Correlations between neuropsychological test results and P300 latency during silent-count and button-press tasks in post-traumatic brain injury patients. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 917-922. | 1.5 | 7 |
| 16 | Optimization and development of concurrent EEG-fMRI data acquisition setup for understanding neural mechanisms of brain. , 2015, , . | | 7 |
| 17 | Neural oscillation, network, eloquent cortex and epileptogenic zone revealed by magnetoencephalography and awake craniotomy. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 9, 144-152. | 1.0 | 7 |
| 18 | Discriminating the different human brain states with EEG signals using Fractal dimension: A nonlinear approach. , 2014, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Simultaneous EEG-fMRI data acquisition during cognitive task. , 2014, , . | | 5 |
| 20 | Acute application of Centella asiatica extract enhanced AMPAR-mediated postsynaptic currents in rat entorhinal cortex. Journal of Integrative Neuroscience, 2020, 19, 217. | 1.7 | 5 |
| 21 | Mapping of language brain areas in patients with brain tumors. , 2015, 2015, 626-9. | | 3 |
| 22 | Electrophysiological quantification of underlying mechanism of decision making from auto dealers advertisement “ A neuromarketing research. AIP Conference Proceedings, 2016, , . | 0.4 | 3 |
| 23 | Early visual analysis tool using magnetoencephalography for treatment and recovery of neuronal dysfunction. Computers in Biology and Medicine, 2017, 89, 573-583. | 7.0 | 3 |
| 24 | Language mapping in awake surgery: Report of two cases with review of language networks. Journal of Innovative Optical Health Sciences, 2018, 13, 507. | 1.0 | 3 |
| 25 | EEG-fMRI combination for better understanding of brain functions: Pros and cons. , 2015, , . | | 2 |
| 26 | Object categories specific brain activity classification with simultaneous EEG-fMRI. , 2015, 2015, 1825-8. | | 2 |
| 27 | A study of decoding human brain activities from simultaneous data of EEG and fMRI using MVPA. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 633-645. | 1.3 | 2 |
| 28 | Trkb-IP3 Pathway Mediating Neuroprotection in Rat Hippocampal Neuronal Cell Culture Following Induction of Kainic Acid. The Malaysian Journal of Medical Sciences, 2018, 25, 28-45. | 0.5 | 2 |
| 29 | Comparison of independent component analysis algorithms for EEG-fMRI data fusion. , 2012, , . | | 1 |
| 30 | Neural stimulants to N170 event related potential (ERP) component of Hijab covered faces: An ERP study. , 2012, , . | | 1 |
| 31 | Machine learning approach for classifying the cognitive states of the human brain with functional magnetic resonance imaging (fMRI). , 2016, , . | | 1 |
| 32 | Gender Influences on Colour processing: An event related potential (ERP) study. Bangladesh Journal of Medical Science, 2018, 17, 612-618. | 0.2 | 1 |
| 33 | Neural activation patterns and connectivity in visual attention during Number and Non-number processing: An ERP study using the Ishihara pseudoisochromatic plates. Journal of Integrative Neuroscience, 2017, , 1-20. | 1.7 | 1 |
| 34 | Design and development of simultaneous EEG-fMRI data acquisition setup to observe brain activity. , 2014, , . | | 0 |
| 35 | Nonlinear features based classification of active and resting states of human brain using EEG. , 2015, , . | | 0 |
| 36 | Syntactic Language Processing among Women - An EEG/ERP Study of Visual Pictorial Stimuli. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Spectral and Time-frequency analysis of Intracranial Electroencephalography (iEEG) Signals from a Brain Tumor Patient. , 2018, , . | | 0 |
| 38 | Neuro Cognitive Improvement During Pregnancy: An Auditory Event Related Potential (ERP) and Neuropsychological Study. Journal of Neurology and Neuroscience, 2018, 09, . | 0.4 | 0 |
| 39 | Mild cognitive impairment in mild brain injury (MBI) patients: An event related potential (ERP) and neuropsychology study.. Bangladesh Journal of Medical Science, 2019, 18, 557-566. | 0.2 | 0 |
| 40 | Emotional Substrates in Neuroticism: The Reactions to Arousal-evoking Stimuli of Various Strengths. Bangladesh Journal of Medical Science, 2020, 19, 262-267. | 0.2 | 0 |
| 41 | BDNF (Brain-Derived Neurotrophic Factor) Mediated Presynaptic Neuronal Signal from the Inhibitory Setting of Cortical Pyramidal Neurons Recorded from Brain Slices. , 2021, , . | | 0 |
| 42 | Brain Waves after Short duration Exercise Induced by Wooden Tooth Brush as a Physical Agent - A Pilot Study. IFMBE Proceedings, 2011, , 480-483. | 0.3 | 0 |
| 43 | MEG Waveform Analysis from Language Cortical Areas in Patients with Brain Tumor â€“ A Preliminary Study. IFMBE Proceedings, 2016, , 107-112. | 0.3 | 0 |
| 44 | Role of Pre-Synaptic NMDA Receptors in the Modulation of Inhibitory Synaptic Transmission in Sensory-Motor and Visual Cortical Pyramidal Neurons in Brain Slices of Young Epileptic Mice. The Malaysian Journal of Medical Sciences, 2018, 25, 27-39. | 0.5 | 0 |
| 45 | Identifying Training Protocol for Brain Exercise Among the Mild Cognitively Impaired (MCI) Elderly: A qEEG Study. Advanced Science Letters, 2018, 24, 2782-2785. | 0.2 | 0 |
| 46 | sLORETA Source Localisation of Visual Mismatch Negativity in Dyslexic Children During Malay Orthographical Lexicon Stimulations. The Malaysian Journal of Medical Sciences, 2020, 27, 36-42. | 0.5 | 0 |
| 47 | A Cumulants-Based Human Brain Decoding. Computational Intelligence and Neuroscience, 2022, 2022, 1-12. | 1.7 | 0 |