

# Rakesh Kumar Sinha

## List of Publications by Year in descending order

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docs citations

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283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain computer interface controlled automatic electric drive for neuro-aid system. Biomedical Signal Processing and Control, 2021, 63, 102175.	5.7	3
2	Heart rate variability time domain features in automated prediction of diabetes in rat. Physical and Engineering Sciences in Medicine, 2021, 44, 45-52.	2.4	11
3	OCULAR ARTIFACTS ELIMINATION AND FEATURE EXTRACTION IN MOTOR IMAGERY-BASED BCI USING NONLINEAR ADAPTIVE FILTER. Biomedical Engineering - Applications, Basis and Communications, 2020, 32, 2050015.	0.6	0
4	Heart rate variability features from nonlinear cardiac dynamics in identification of diabetes using artificial neural network and support vector machine. Biocybernetics and Biomedical Engineering, 2020, 40, 1002-1009.	5.9	23
5	DESIGN OF CONTROL SYSTEM FOR MOTOR IMAGERY BASED NEURO-AID APPLICATION. Biomedical Engineering - Applications, Basis and Communications, 2019, 31, 1950031.	0.6	2
6	Heart rate variability analysis under varied task difficulties in mental arithmetic performance. Health and Technology, 2019, 9, 343-353.	3.6	11
7	k-NN and LDA based Motor Imagery EEG Classification using Phase Features. , 2018, , .		0
8	A PROPOSAL OF KC-SVM CLASSIFIER FOR EEG FEATURES OBTAINED THROUGH SF FILTERING WITH APPLICATION ON BCI DATA. Biomedical Engineering - Applications, Basis and Communications, 2017, 29, 1750024.	0.6	1
9	Jaya Based ANFIS for Monitoring of Two Class Motor Imagery Task. IEEE Access, 2016, 4, 9273-9282.	4.2	27
10	Support vector machine and fuzzy C-mean clustering-based comparative evaluation of changes in motor cortex electroencephalogram under chronic alcoholism. Medical and Biological Engineering and Computing, 2015, 53, 609-622.	2.8	16
11	Eye Gaze-Induced Mental Stress Alters the Heart Rate Variability Analysis. Journal of Clinical Engineering, 2014, 39, 79-89.	0.1	11
12	Electrooculogram based study to assess the effects of prolonged eye fixation on autonomic responses and its possible implication in man-machine interface. Health and Technology, 2012, 2, 89-94.	3.6	8
13	DFA Spike: A new computational proposition for efficient recognition of epileptic spike in EEG. Computers in Biology and Medicine, 2011, 41, 559-564.	7.0	11
14	Artificial Neural Network and Wavelet Based Automated Detection of Sleep Spindles, REM Sleep and Wake States. Journal of Medical Systems, 2008, 32, 291-299.	3.6	73