Rahul Upadhyay

List of Publications by Year
in descending order

27	293	1040056 9	1058476 14
papers	citations	h-index	g-index

27	27	27	215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comparative study of feature ranking techniques for epileptic seizure detection using wavelet transform. Computers and Electrical Engineering, 2016, 53, 163-176.	4.8	43
2	EEG artifact removal and noise suppression by Discrete Orthonormal S-Transform denoising. Computers and Electrical Engineering, 2016, 53, 125-142.	4.8	35
3	Channel optimization and nonlinear feature extraction for Electroencephalogram signals classification. Computers and Electrical Engineering, 2015, 45, 222-234.	4.8	30
4	Development of an adaptive neuro fuzzy inference system based vehicular traffic noise prediction model. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2685-2701.	4.9	23
5	A novel machine learningâ€based analytical framework for automatic detection of <scp>COVID</scp>â€19 using chest <scp>Xâ€ray</scp> images. International Journal of Imaging Systems and Technology, 2021, 31, 1105-1119.	4.1	21
6	APPLICATION OF S-TRANSFORM FOR AUTOMATED DETECTION OF VIGILANCE LEVEL USING EEG SIGNALS. Journal of Biological Systems, 2016, 24, 1-27.	1.4	20
7	Stockwell-common spatial pattern technique for motor imagery-based Brain Computer Interface design. Computers and Electrical Engineering, 2018, 71, 492-504.	4.8	15
8	Application of tunable-Q wavelet transform based nonlinear features in epileptic seizure detection. Analog Integrated Circuits and Signal Processing, 2019, 100, 437-452.	1.4	15
9	Classification of drowsy and controlled EEG signals. , 2012, , .		10
10	Migraine disease diagnosis from EEG signals using Non-linear Feature Extraction Technique. , 2018, , .		9
11	Application of hybrid GLCT-PICA de-noising method in automated EEG artifact removal. Biomedical Signal Processing and Control, 2020, 60, 101977.	5.7	9
12	Epileptic seizure detection from EEG signal using Flexible Analytical Wavelet Transform. , 2017, , .		8
13	Design and experimental verification of compact <scp>dualâ€element quasiâ€selfâ€complementary ultraâ€wideband multipleâ€input multipleâ€output</scp> antenna for wireless applications. Microwave and Optical Technology Letters, 2021, 63, 1774-1780.	1.4	8
14	Deep Recurrent Architecture based Scene Description Generator for Visually Impaired. , 2020, , .		7
15	A compact dual-polarized co-radiator MIMO antenna for UWB applications. International Journal of Microwave and Wireless Technologies, 0, , 1-14.	1.9	7
16	Bi-LSTM-deep CNN for schizophrenia detection using MSST-spectral images of EEG signals. , 2022, , 145-162.		7
17	Deep-Precognitive Diagnosis: Preventing Future Pandemics by Novel Disease Detection With Biologically-Inspired Conv-Fuzzy Network. IEEE Access, 2022, 10, 23167-23185.	4.2	5
18	4-Elements MIMO System Integrated with Planar Monopole and Slot Antenna for Wireless Applications. , 2018, , .		4

#	Article	IF	Citations
19	A novel <scp>EEG</scp> channel selection and classification methodology for <scp>multiâ€class</scp> motor imageryâ€based <scp>BCI</scp> system design. International Journal of Imaging Systems and Technology, 2022, 32, 1318-1337.	4.1	4
20	Classification of mental tasks using S-transform based fractal features. , 2017, , .		3
21	Bearing fault diagnosis using TQWT based Entropy features. , 2018, , .		3
22	Design and Analysis of Compact Quad-Element MIMO Antenna with Asymmetrical Ground Structures for Ultra-Wideband Communication. Wireless Personal Communications, 2022, 124, 3105-3127.	2.7	3
23	Simulation Study of Quasi Self-Complementary Shared-Radiator for UWB-MIMO Applications. , 2019, , .		2
24	Performances study of compact printed diversity antenna in the presence of user's body for LTE mobile phone applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e21743.	1.2	2
25	Free space and user proximity analysis of octaband monopole MIMO/diversity antenna for modern handset applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21566.	1.2	0
26	Hybrid timeâ€reassigned multisynchrosqueezing transform â€Picard â€based automated electroencephalography artifact correction methodology for brainâ€“computer interface applications. International Journal of Imaging Systems and Technology, 0, , .	4.1	0
27	Reflection and data based adaptive teaching strategy for student centric learning. , 0, , .		0