D Sugumar, IEEE, AMIE, ISTE

List of Publications by Year
in descending order

27 papers	72 citations
2258059 3 h-index	2053705 5 g-index
27 all docs	27 docs citations
27 times ranked	55 citing authors

#	Article	IF	Citations
1	Separation Of Maternal And Fetal ECG Signals From The Mixed Source Signal Using FASTICA. Procedia Engineering, 2012, 30, 356-363.	1.2	21
2	Study on Reduction of Machining Time in CNC Turning Centre by Genetic Algorithm. , 2007, , .		9
3	Joint blind source separation algorithms in the separation of non-invasive maternal and fetal ECG. , 2014, , .		9
4	Investigation of SAR on human head modelling using patch antenna in mobile communication for dual band frequency. , 2010, , .		4
5	RFID and GPS antennas design of Heterogeneous tracking system for school children safety. , 2019, , .		4
6	Smart and Effective Environment Monitoring Using Internet of Things. Bioscience Biotechnology Research Communications, 2021, 14, 258-262.	0.1	4
7	Audio Signal Classification Based on Optimal Wavelet and Support Vector Machine. , 2007, , .		3
8	Impact of SAR on human head modeling in Elevators using IFA. , 2010, , .		3
9	Smart Vehicle Monitoring and Tracking System Powered by Active Radio Frequency Identification and Internet of Things. , 2020, , 51-64.		3
10	EEG Signal Separation using Improved EEMD - Fast IVA Algorithm. Asian Journal of Research in Social Sciences and Humanities, 2017, 7, 1230.	0.0	3
11	Separation of Maternal and Fetal ECG Signals Using Improved Independent Vector Analysis. Journal of Medical Imaging and Health Informatics, 2016, 6, 2048-2056.	0.3	3
12	ICA based informed source separation for watermarked audio signals. , 2011, , .		2
13	Design of All-Digital Phase Locked Loop for Improved Frequency Lock Range. , 2019, , .		1
14	ICA Based Informed Source Separation for Digitally Watermarked Audio Signals. Communications in Computer and Information Science, 2011, , 477-480.	0.5	1
15	Blind Source Separation for Convolutive Audio Mixing. Communications in Computer and Information Science, 2011, , 473-476.	0.5	1
16	Design of Rectangular Array Microstrip Patch Antenna for Improved Return Loss. , 2019, , .		1
17	Convolutive Blind Source Separation for mixed audio signals using lifting schemes. , 2011, , .		0
18	Modified convex divergence ICA for separation of mixed images. , 2014, , .		0

#	Article	IF	Citations
19	Minimized Losses with High Isolation Pin Diode Based X-Band SP4T Switch for Phased Array Antenna Application. , 2018, , .		0
20	Dual-Pin-Fed Circularly Polarized Patch Antenna for Wi-Fi Application. , 2019, , .		0
21	Design of Multiple Frequency Microstrip Antenna for Mine Applications. , 2019, , .		0
22	Improved Clustering Using Deep Learning Model on Water Resource Engineering. Bioscience Biotechnology Research Communications, 2021, 14, 343-349.	0.1	0
23	MULTI-CHANNEL IMAGE SOURCE SEPARATION BY DICTIONARY UPDATE METHOD. International Journal of Electronic Signal and Systems, 2014, , 204-208.	0.1	0
24	Patch antenna using Biocompatible Insulation layer in Wireless On-Body sensor applications. Journal of Engineering Science and Technology Review, 2019, 12, 99-103.	0.4	0
25	Citrus Classification and Grading Using Machine Learning Algorithms. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 2616-2621.	0.3	0
26	Capacitive Disc Fed GPS Antenna Operating at L Band. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 3656-3659.	0.3	0
27	Independent Vector Analysis of Non-Negative Image Mixture Model for Clinical Image Separation. , 2019, , 17-40.		0